

FIELD NOTES

OF ~~THE SURVEY OF~~ THE

Survey and Resurvey of

Township Exteriors and Exterior Boundaries

of the Gila River Indian Reservation

Of the Gila & Salt River Base and Meridian,

In the State of Arizona

EXECUTED BY

Guy P. Harrington and Robert A. Farmer

*In the capacity of U. S. Surveyor S, under Special Instructions dated October 11, 1910,
Commissioner of the General Land Office to A.F. Dunnington
issued by the ~~United States Surveyor General to govern surveys included in Group~~
Topographer in Charge of Indian Surveys
~~which were approved by the Commissioner of the General Land~~
~~Office, 191, and Assignment Instructions dated 191~~*

Survey commenced December 5, 1910

Survey completed February 12, 1912

INDEX DIAGRAM.

Township _____, Range _____

6	5	4	3	2	1
7	8	9	10	11	12
18	17	16	15	14	13
19	20	21	22	23	24
30	29	28	27	26	25
31	32	33	34	35	36

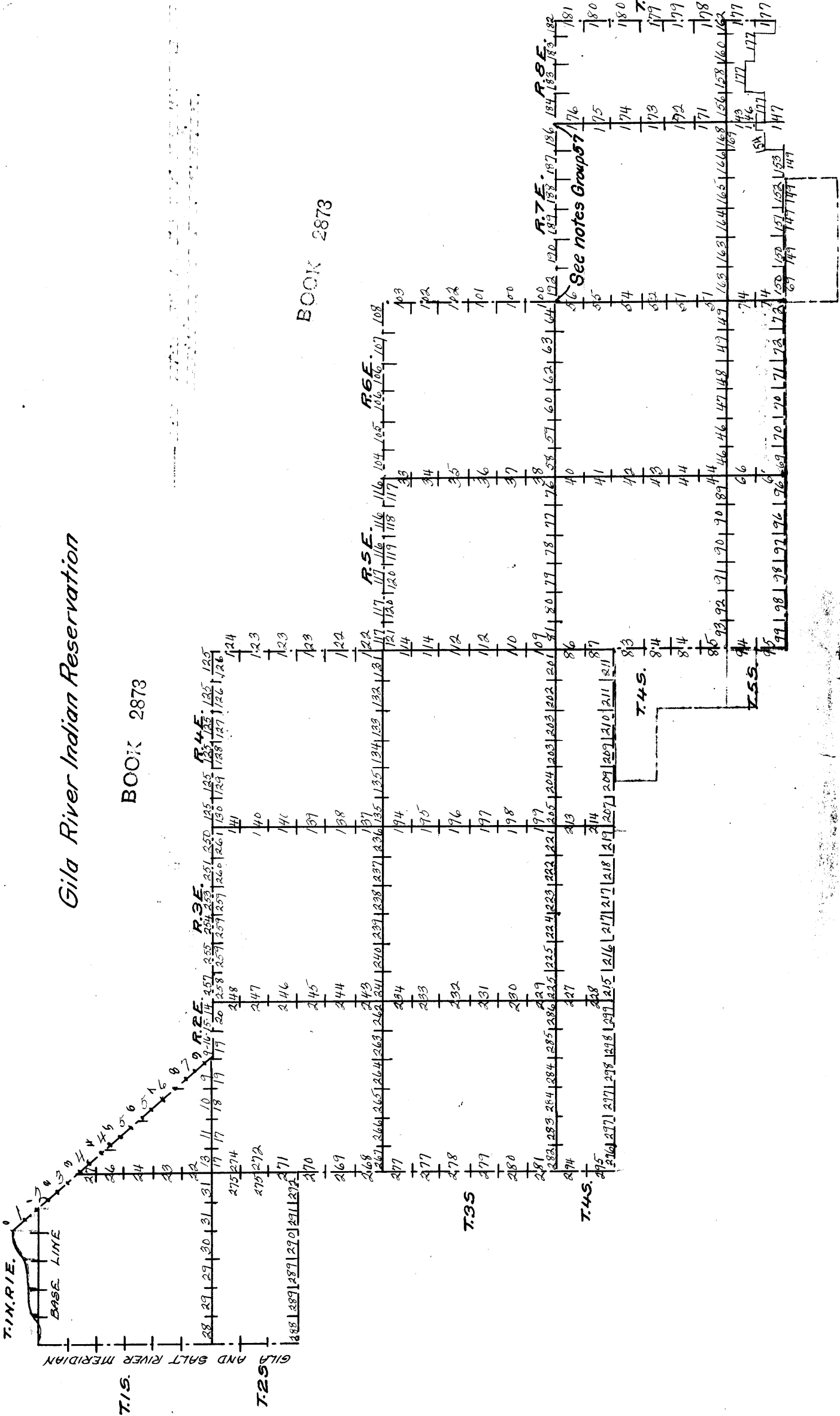
T.M.R.I.E.

GILA AND GALT RIVER MERIDIAN

Gila River Indian Reservation

BOOK 2873

BOOK 2873



Lines Embraced in Survey.

5000 2873
12

The following are resurveys, with the exception of those marked "new survey".

- Northeast bdy. of Gila River Indian Reservation, through Tps. 1 and 2 S., Rgs. 1 and 2 E.
- South bdy. of T. 1 S., R. 2 E.
- West bdy. of T. 1 S., R. 2 E.
- North bdy. of T. 2 S., R. 1 E.
- West bdy. of T. 3 S., R. 4 E.
- North bdy. of T. 4 S., R. 4 E.
- South bdy. of Gila River Indian Reservation, through T. 4 S., R. 4 E.
- West bdy. of T. 4 S., R. 4 E.
- South bdy. of Gila River Indian Reservation, through T. 4 S., R. 3 E.
- North bdy. of T. 4 S., R. 3 E.
- West bdy. of T. 4 S., R. 3 E.
- West bdy. of T. 3 S., R. 3 E.
- North bdy. of T. 3 S., R. 3 E.
- West bdy. of T. 2 S., R. 3 E.
- South bdy. of T. 1 S., R. 3 E., being a portion of N. bdy. of Gila River Indian Reservation.
- North bdy. of T. 3 S., R. 2 E.
- West bdy. of T. 2 S., R. 2 E., a portion of which is Gila River Indian Reservation boundary.
- West bdy. of T. 3 S., R. 2 E., being a part of the W. bdy. of the Gila River Indian Reservation (new survey)
- North bdy. of T. 4 S., R. 2 E.
- South bdy. of Gila River Indian Reservation, through T. 2 S., R. 1 E. (new survey)
- West bdy. of T. 4 S., R. 2 E., being a part of the W. bdy. of the Gila River Indian Reservation (New survey).
- South bdy. of the Gila River Indian Reservation through T. 4 S., R. 2 E.
- West bdy. of T. 3 S., R. 6 E. (new survey).
- West bdy. of T. 4 S., R. 6 E.
- North bdy. of T. 5 S., R. 6 E.
- West bdy. of T. 4 S., R. 7 E.
- North bdy. of T. 4 S., R. 6 E. (new survey).
- West bdy. of T. 5 S., R. 6 E.
- South bdy. of Gila River Indian Reservation in T. 5 S., R. 6 E.
- West bdy. of T. 5 S., R. 7 E. (new survey)
- North bdy. of T. 4 S., R. 5 E.
- West bdy. of T. 4 S., R. 5 E., a portion of which is the W. bdy. of the Gila River Indian Reservation.
- North bdy. of T. 5 S., R. 5 E. (new survey)
- West bdy. of T. 5 S., R. 5 E., which is also a portion of the W. bdy. of Gila River Indian Reservation.
- South bdy. of Gila River Indian Reservation in T. 5 S., R. 5 E.
- West bdy. of T. 3 S., R. 7 E., which is a portion of the E. bdy. of Gila River Indian Reservation (new survey)
- North bdy. of T. 3 S., R. 6 E.
- West bdy. of T. 3 S., R. 5 E.
- North bdy. of T. 3 S., R. 5 E., which is a portion of the N. bdy. of Gila River Indian Res'n.
- West bdy. of T. 2 S., R. 5 E., which is also a portion of the Gila River Indian Reservation bdy.
- North bdy. of T. 2 S., R. 4 E., which is also a portion of the Gila River Indian Reservation bdy.
- North bdy. of T. 3 S., R. 4 E.
- West bdy. of T. 2 S., R. 4 E.
- West bdy. of T. 5 S., R. 8 E.
- South bdy. of Gila River Indian Reservation through R. 7 E.
- North bdy. of T. 5 S., R. 8 E.
- North bdy. of T. 5 S., R. 7 E.
- West bdy. of T. 4 S., R. 8 E.
- South and East bdys. of the Gila River Indian Reservation in T. 5 S., R. 8 E.
- East bdy. of Gila River Indian Reservation in T. 4 S., R. 8 E.

10

North bdy. of T. 4 S., R. 8 E., which is a portion of the
N. bdy. of the Gila River Indian Reservation.

North bdy. of T. 4 S., R. 7 E., which is a portion of the
N. bdy. of the Gila River Indian Reservation.

Retracement of the NE. boundary of the Gila River Indian Reservation, and of the SW. Bdy. of lot 1, sec. 35, in Tps. 1 N. and 1 S., Rgs. 1 and 2 E.

Chains

Survey commenced Dec. 6, 1910, by Guy P. Harrington, U. S. Surveyor, and executed with a Young & Sons light mountain transit, with solar attachment. The horizontal limb is provided with two double verniers placed opposite to each other, reading to single minutes of arc, which is also the least count of the verniers of the latitude and declination arcs.

The instrument was examined and tested on a meridian established Dec. 4, at camp in Sec. 24, T. 1 S., R. 1 E. (description of which will be found in subdivision notes of T. 1 S., R. 2 E.) and found correct.

I make diligent search for the W.C. on right bank of Salt River, which witnesses the true point for the Initial boundary point in the middle of the river.

Dec. 6, 1910. At 7 a.m., l.m.t., I set off 33° 23' on the lat. arc, 22° 25' S. on the decl. arc, and determine a meridian with the solar, at Mile Post No. 1, on the reservation bdy., which is a granite stone properly marked and witnessed by a mound of stone.

Thence I run

N. 40° 58' W. along the reservation bdy., on a true line.

7.80 Lateral ditch, brs. N. and S.

8.00 Road, brs. NW. and SE.

11.80 Wire fence, brs. N. and S.

17.00 Wire fence, brs. E. and W.

17.20 Road, brs. E. and W.

19.90 Road, brs. E. and W.

21.30 Intersect the ^{original} W.C. to the $\frac{1}{2}$ M.P., recorded as 18.75 chs. SW. of true position of true 6x6x6 ins. above ground, marked and witnessed as described in original notes.

23.20 Descend 20-ft. vertical bank bearing E. and W. Enter flood lands, which are covered with dense brush and scattered cottonwood trees.

40.05 Find no trace of $\frac{1}{2}$ M.P., at true position for same. Set an iron post 3 ft. long, 1 inch in dia., 26 ins. in the ground, for $\frac{1}{2}$ M.P., with cap stamped
 $\frac{1}{2}$ M P in center
G R I R in SW.
1910 in S.

*40.75 Descend 5-ft. cut bank to a lower level.

*80.05 Point for O M.P. now falls on left bank of Salt River. The river has washed out the W.C. to the O M.P., (having cut to the north) which W.C. was set on North bank. This point falls on the orig. line bet. secs 35&34, and is N1°W. 74.88 chs. dist. At point for O M.P. on left bank of river, I set iron Base Li post, 3 ft. long, 1 inch in dia., 26 ins. in the ground, with cap stamped
O M P in center
1910 in S.

Build a mound of stone 3 ft. base, 2 ft. high, SE. of cor.

*6148/ Leave Res. Bdy., thence along SW. Bdy of lot 1, sec. 35, T. 1 N., R. 1 E. Note: For description of N. East. Cor. of Reservation, point (see notes of T. 1 N., R. 1 E.) Book "A" Pg. 8, Grp. 98.

Retracement of the NE. boundary of the Gila River
Indian Reservation

in Tps. 1 N. and 1 S., Rgs. 1 and 2 E.

Chains

- Returning to the 1 M.P., thence I run
S. 40° 58' E. on a random line along the reservation bdy.
- 18.92 Intersect the C.C. of Tps. 1 N. and 1 S., R. 1 E., on the Gila & Salt River Base Line.
- 40.02 Intersect the 1½ M.P., which is a gray granite stone, 6x8x6 ins. above ground, properly marked and witnessed by a mound of stone.
- Returning to the 1 M.P., thence I run
S. 40° 58' E. on a true line along the 2nd mile of the reservation bdy. (N½).
- Over level land, through dense brush.
- 4.00 Road, brs. N. 40° E. and S. 40° W.
- 5.10 Wire fence, brs. E. and W.
- 5.20 Irrigation canal, brs. E. and W.
Thence over level cultivated land, along wire fence.
- 18.92 The C.C. of Tps. 1 N. and 1 S., R. 1 E., on the Gila & Salt River Base Line, previously described.
- 20.10 Wire fence, brs. E. and W.
- 23.70 Wire fence, brs. NE. and SW.
- 26.20 Wire fence, brs. NE. and S.
- 28.00 Sack's barn brs. E., 1.00 ch. dist.
- 31.00 Sack's farm house, brs. E., 3.00 chs. dist.
- 37.70 Wire fence, brs. N. and S.
- 38.90 Intersection of roads bearing NE. and S. and N. and SW. respectively.
- 40.02 The 1½ M.P., previously described.
- Land, level bottom. 5.20 chs. brush; 35.82 chs. cultivated field.
Soil, sandy loam, 2nd rate.
-
- Thence S. 40° 58' E. on a random line.
- 39.96 Intersect the 2 M.P., which is a gray granite stone 6x8x8 ins., properly marked and witnessed by a mound of stone.
- Returning to the 1½ M.P., thence I run
S. 40° 58' E. on a true line along the 2nd mile of the reservation bdy. (S½).
- Over level, cultivated land.
- 6.50 Wire fence, brs. E. and W. Leave cultivated land.

Retracement of the NE. boundary of the Gila River
Indian Reservation

in Tps. 1 N. and 1 S., Rgs. 1 and 2 E.

Chains

12.90 Lateral ditch, brs. E. and W.

31.00 Wire fence, brs. E. and W.

39.96 The 2 M.P.

Land, level bottom.
Soil, sandy loam, 1st rate.

Thence S. 40° 58' E. on a random line along the 3rd mile
of the reservation bdy.

40.03 Falls 8 lks. to the right of the 2½ M.P., which is a gray
granite stone 8x8x12 ins. above ground, properly marked,
and witnessed by a mound of stone.

80.11 Falls 14 lks. to the right of the 3 M.P., which is a gray
granite rock 12x18x10 ins., above ground, properly
marked, and witnessed by a mound of stone.

Returning to the 2 M.P., thence I run

S. 41° 05' E. on a true line along the 3rd mile of the
reservation bdy. (N½).

Over level land, through sage brush.

14.00 Draw, course NE.

25.00 Same draw, course SW.

40.03 The 2½ M.P., previously described.

Thence S. 41° 03' E. on a true line along the 3rd mile of
the reservation bdy. (S½).

7.00 Road, brs. E. and W.

18.00 Road, brs. N. and S.

35.50 Road, brs. E. and W.

40.08 The 3 M.P., previously described.

Land, level.
Soil, sandy loam, 1st rate.
Sage and scattering mesquite trees, 80.11 chs.

Thence S. 40° 58' E. on a random line along the 4th mile
of the reservation bdy.

40.04 Intersect the 3½ M.P., which is a gray granite stone
12x8x10 ins. above ground, properly marked and witnessed
by a mound of stone.

79.90 Falls 2 lks. to the right of the 4 M.P., which is a gray
sandstone, 8x10x12 ins., above ground, properly marked,
and witnessed by a mound of stone.

Retracement of the NE. boundary of the Gila River Indian Reservation

in Tps. 1 N. and 1 S., Rgs. 1 and 2 E.

Chains

Returning to the 3 M.P., thence I run S. 40° 58' E. on a true line along the 4th mile of the reservation bdy. (N½).

Over level, brushy land, along wire fence and road.

17.00 Leave road and fence bearing N. 40° 58' W. and S.

25.80 Road, brs. NE. and SW.

40.04 The 3½ M.P., previously described.

Thence S. 41° 00' E. on a true line along the 4th mile of the reservation bdy. (S½).

2.00 Road, brs. N. 45° E. and S. 45° W.

21.00 Road, brs. N. and S.

39.86 The 4 M.P., previously described.

Land, level bottom.

Soil, sandy loam, 1st rate.

Dense brush of sage, greasewood and mesquite, 79.90 chs.

Thence S. 40° 58' E. on a random line along the 5th mile of the reservation bdy.

40.00 Falls 10 lks. to the right of the 4½ M.P., which is a trap rock 8x12x12 ins. above ground, properly marked and witnessed by a mound of stone.

80.00 Falls 16 lks. to the right of the 5 M.P., which is a trap rock 12x12x12 ins. above ground, properly marked and witnessed by a mound of stone.

Returning to the 4 M.P., thence I run

S. 41° 07' E. on a true line along the 5th mile of the reservation bdy. (N½).

Over level land, through dense brush.

12.00 Road, brs. N. and S.

25.58 Road, brs. NE. and SW.

40.00 The 4½ M.P., previously described.

Thence S. 41° 03' E. on a true line along the 5th mile of the reservation bdy. (S½).

36.00 Road, brs. N. and S.

40.00 The 5 M.P., previously described.

Land, level bottom.

Soil, sandy loam, 1st rate.

Dense brush of sage, greasewood, and mesquite, 80.00 chs.

Retracement of the NE. boundary of the Gila River Indian Reservation

in Tps. 1 N., and 1 S., Rgs. 1 and 2 E.

Chains

Thence S. 40° 58' E. on a random line along the 6th mile of the reservation bdy.

39.94 Falls 10 lks. to the right of the 5 1/2 M.P., which is a trap rock 8x12x12 ins., above ground, properly marked and witnessed by a mound of stone.

79.80 Falls 22 lks. to the right of the 6 M.P., which is a black sandstone 6x8x5 ins., above ground, properly marked and witnessed by a mound of stone.

Returning to the 5 M.P., thence I run

S. 41° 07' E. on a true line along the 6th mile of the reservation bdy. (N 1/2).

Over level land, through dense brush.

39.94 The 5 1/2 M.P., previously described.

Thence S. 41° 08' E. on a true line along the 6th mile of the reservation bdy. (S 1/2).

30.00 Road, brs. N. 10° E. and S. 10° W.

39.86 The 6 M.P., previously described.

Williamson's trading post brs. E., 8.00 chs. dist.

U. S. R. S. bench mark brs. N. 45° W., 12 lks. dist.

Land, level bottom.

Soil, sandy loam, 1st rate.

Dense brush of sage, greasewood and mesquite, 79.80 chs.

Thence S. 40° 58' E. on a random line along the 7th mile of the reservation bdy.

39.94 Falls 7 lks. to the left of the 6 1/2 M.P., which is a gray granite stone 18x8x10 ins. above ground, properly marked, and witnessed by a mound of stone.

79.88 Falls 15 lks. to the left of the 7 M.P., which is a gray sandstone 12x12x10 ins. above ground, properly marked, and witnessed by a mound of stone.

Returning to the 6 M.P., thence I run

S. 40° 52' E. on a true line along the 7th mile of the reservation bdy. (N 1/2).

Over level land, through dense brush.

6.75 Road, brs. NE. and SW.

8.25 Road, brs. N. and S.

16.25 Road, brs. N. and S.

18.00 Road, brs. N. and S.

Retracement of the NE. boundary of the Gila River Indian Reservation

in Tps. 1 N. and 1 S., Rgs. 1 and 2 E.

Chains

28.00 Small draw, course W.

39.94 The 6 1/2 M.P., previously described.

Thence S. 40° 51' E. on a true line along the 7th mile of the reservation bdy. (S 1/2).

Ascending SW. slope.

18.00 Draw, course W.

24.00 Road, brs. E. and W.

25.00 Draw, course W.

32.00 Draw, course SW.

39.94 The 7 M.P., previously described.

Land, level and rolling.

Soil, sandy loam, 1st rate; and stony, 3rd rate.

Dense brush of sage, greasewood, palo verde and mesquite.

Thence S. 40° 58' E. on a random line along the 8th mile of the reservation bdy.

39.92 Falls 7 lks. to the left of the 7 1/2 M.P., which is a trap rock, 12x8x8 ins. above ground, properly marked and witnessed by a mound of stone.

79.31 Falls 10 lks. to the left of the 8 M.P., which is a trap rock, 8x8x8 ins. above ground, properly marked and witnessed by a mound of stone.

Returning to the 7 M.P., thence I run

S. 40° 52' E. on a true line along the 8th mile of the reservation bdy. (N 1/2).

Along SW. slope.

1.25 Draw, course SW.

17.00 Road, brs. N. 60°E. and S.60°W.

18.00 Draw, course S.

25.00 Draw, course W.

39.92 The 7 1/2 M.P., previously described.

Thence S. 40° 55' E. on a true line along the 8th mile of the reservation bdy. (S 1/2).

Over gentle SW. slope.

0.18 Draw, course SW.

8.00 Draw, course SW.

12.00 Draw, course SW.

18.00 Draw, course SW.

Retracement of the NE. boundary of the Gila River
Indian Reservation

in Tps. 1 N. and 1 S., Rgs. 1 and 2 E.

Chains

24.00 Begin steep ascent of spur, brs. NE. and SW.

35.70 Top of steep ascent of 150 ft., brs. NE. and SW.
Begin descent.

39.39 The 8 M.P., previously described.

Land, rolling and broken.
Soil, stony, 3rd rate.
Dense brush of sage, palo verde, greasewood and mesquite,
79.31 chs.

Thence S. 40° 58' E. on a random line along the 9th mile
of the reservation bdy.

40.03 Falls 12 lks. to the left of the 8½ M.P., which is a gray
granite stone 8x10x10 ins. above ground, properly
marked and witnessed by a mound of stone.

69.99 Falls 8 lks. to the left of the 9 M.P., which is a granite
stone, 10x8x8 ins., above ground, properly marked and
witnessed by a mound of stone.

Returning to the 8 M.P., thence I run

S. 40° 48' E. on a true line along the 9th mile of the
reservation bdy. (N½).

Descending steep SE. slope of ridge.

10.00 Foot of descent brs. NE. and SW.
Thence over broken SW. slope, through dense brush.

11.00 Draw, course SW.

12.25 Draw, course SW.

23.50 Draw, course SW.

30.00 Draw, course W.

34.00 Draw, course SW.

40.03 The 8½ M.P., previously described.

Thence S. 41° 02' E. on a true line along the 9th mile of
the reservation bdy. (S½).

8.00 Draw, course SW.

10.00 Begin ascent of rocky ridge, brs. NE. and SW.

15.00 Top of precipitous ascent; ridge brs. NE. and SW.
Thence descend.

21.00 Draw, course SW.
Thence ascend point of same ridge.

24.00 Top of second ridge, brs. E. and W.
Thence descend along precipitous SW. slope.

29.96 The 9 M.P., previously described.

Retracement of the NE. boundary of the Gila River
Indian Reservation

in Tps. 1 N., and 1 S., Rgs. 1 and 2 E.

Chains

Land, rough and mountainous.
Soil, rocky, 3rd rate.
Dense brush of mesquite and palo verde, 69.99 chs.

Thence S. 41° 00' E. on a true line, the cor. at the
intersection of the township line being plainly visible.

Continuing steep descent of SW. slope.

- 5.00 Bottom of descent. Thence over nearly level land, bearing
NE. and SW.
- 15.67 The old C.C. bet. secs. 34 and 35, which is a granite stone
6x6x6 ins. above ground, firmly set and properly marked,
witnessed by a mound of stone, and which now refers to
Public land surveys only.
- 24.16 Intersect the C.C. on the Tp. line bet. Tps. 1 and 2 S.,
R. 2 E., which is an angle point on the reservation bdy.
and which is a granite stone, 6x9x12 ins., above ground,
mkd. 9 M and other marks which are illegible, and wit-
nessed by a mound of stone.

Land, broken and rolling.
Soil, stony, 3rd rate.
Dense brush of palo verde and mesquite, 24.16 chs.

Dec. 6, 1910.

Resurvey of

S. bdy. of T. 1 S., R. 2 E.

Chains

Survey commenced Dec. 5, 1910, by Guy P. Harrington, U.S. Surveyor.

The iron posts used in this survey are 3 ft. long, and are set 26 ins. in the ground. The posts at section cors., $\frac{1}{4}$ sec. cors., $\frac{1}{16}$ sec. cors. and meander cors. are 1 inch in diameter, and at township cor. 3 ins. dia. The posts are filled with cement and fitted with brass caps.

Dec. 5, 1910. At 8 a.m., l.m.t., I set off $33^{\circ} 17'$ on the lat. arc, $22^{\circ} 17'$ S. on the decl. arc, and determine a meridian with the solar, at the $\frac{1}{4}$ sec. cor. bet. secs. 2 and 35, which is a wooden post 5 ins. sq., 15 ins. above ground, mkd. S 35 on N. face and $\frac{1}{4}$ S 2 on S. face, and witnessed by pits and mound.

Thence I run

West on a true line along the S. bdy. of sec. 35.

Over gentle SW. slope, through dense brush.

14.00 Road, brs. NE. and SW.

34.56 Intersect the Angle Point on the Gila River Indian Reservation boundary, previously described.

Thence over the reservation.

40.00 Set an iron post for the cor. of secs. 34 and 35, with cap stamped

T 1 S S 35 in NE.

R 2 E S 34 in NW.

1910 in S.

2 notches on E. and 4 notches on W. edge

Dig pits 24x24x12 ins. in each sec. 6 ft. dist.; and raise a mound of earth 4 ft. base, 2 ft. high, N. of cor.

Land, gently sloping.

Soil, rocky, 3rd rate.

Brush, palo verde and mesquite, 40.00 chs.

West on a true line along the S. bdy. of sec. 34.

Over gently sloping land, through brush.

18.00 Draw, course S.

20.00 Set an iron post for $\frac{1}{16}$ sec. cor. No. 1, on the S. bdy. of sec. 34 ($R\frac{1}{4}$) with cap stamped

$\frac{1}{16}$ S 34 No 1 in N.

1910 in S.

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, N. of cor.

40.00 Set an iron post for $\frac{1}{4}$ sec. cor. on the S. bdy. of sec. 34,

Resurvey of

S. bdy. of T. 1 S., R. 2 E.

Chains

with cap stamped

$\frac{1}{4}$ S 34 in N. half
1910 in S. half

Build a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high, N. of cor.

60.00 Set an iron post for $1/16$ sec. cor. No. 2, on the S. bdy. of sec. 34 ($W\frac{1}{2}$), with cap stamped

$1/16$ S 34 No 2 in N.
1910 in S.

Dig pits $18 \times 18 \times 12$ ins. E. and W. of post 3 ft. dist.; and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, N. of cor.

65.00 Draw, course S.

67.50 Draw, course S.

80.00 Set an iron post for the cor. of secs. 33 and 34, with cap stamped

T 1 S S 34 in NE.
R 2 E S 33 in NW.
1910 in S.
3 notches on E. and W. edges

Dig pits $24 \times 24 \times 12$ ins. in each sec. 6 ft. dist.; and raise a mound of earth 4 ft. base, 2 ft. high, N. of cor.

A pale verde 5 ins. dia. brs. N. $42\frac{1}{2}^\circ$ E., 54 lks. dist.
Mkd. T 1 S R 2 E S 34 B T.

Land, gently rolling prairie.
Soil, gravelly, 3rd rate.

West along the S. bdy. of sec. 33.

Over level bottom, through brush.

14.00 Road, brs. NW. and SE.

20.00 Set an iron post for $1/16$ sec. cor. No. 1, on the S. bdy. of sec. 33 ($E\frac{1}{2}$), with cap stamped

$1/16$ S 33 No 1 in N.
1910 in S.

Dig pits $18 \times 18 \times 12$ ins. E. and W. of post 3 ft. dist.; and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, N. of cor.

40.00 Set an iron post for $\frac{1}{4}$ sec. cor. on the S. bdy. of sec. 33, with cap stamped

$\frac{1}{4}$ S 33 in N. half
1910 in S. half

Dig pits $18 \times 18 \times 12$ ins. E. and W. of post 3 ft. dist.; and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, N. of cor.

60.00 Set an iron post for $1/16$ sec. cor. No. 2, on the S. bdy.

Resurvey of
S. bdy. of T. 1 S., R. 2 E.

Chains

of sec. 33 ($W\frac{1}{2}$), with cap stamped

1/16 S 33 No 2 in N.
1910 in S.

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.;
and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high,
N. of cor.

63.00 Road, brs. N. and S.

80.00 Set an iron post for the cor. of secs. 32 and 33, with
cap stamped

T 1 S S 33 in NE.
R 2 E S 32 in NW.
1910 in S.

4 notches on E. and 2 notches on W. edge

Dig pits 24x24x12 ins. in each sec. 6 ft. dist.; and
raise a mound of earth 4 ft. base, 2 ft. high, N. of
cor.

Land, level bottom.

Soil, sandy loam, 2nd rate.

Brush, sage and mesquite, 80.00 chs.

West along the S. bdy. of sec. 32.

Over level bottom land.

3.00 Wash, course SW.

5.00 Road, brs. N. 10° W. and S. 10° E.

13.00 Road, brs. N. and S.

18.20 Offset 1.20 chs. S. of line to avoid dormitory of Mission.

20.00 Offset 1.20 chs. N. to line.

Set an iron post for 1/16 sec. cor. No. 1, on the S. bdy.
of sec. 32 ($E\frac{1}{2}$), with cap stamped

1/16 S 32 No 1 in N.
1910 in S.

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.;
and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high,
N. of cor.

From this 1/16 sec. cor. :

U. S. R. S. bench mark brs. S. $3^{\circ} 56'$ W., 177 lks. dist.

Catholic church brs. S. 20° W., 175 lks. dist.

A dormitory brs. N. 10° W. about 3.00 chs. dist.

21.26 Offset 120 lks. S. to avoid Mission school building.

23.00 Offset 120 lks. N. to line.

Thence continue on true line west.

23.10 Hedge fence, brs. N. and S.

Resurvey of

S. bdy. of T. 1 S., R. 2 E.

Chains

- 24.00 Road, brs. N. 10° W. and S. 10° E.
- 28.00 Indian cabin on line.
- 29.50 Wire fence, brs. NW. and SE.
- 32.10 Wire fence, brs. N. and S.
- 37.00 Road, brs. NW. and SE.
- 38.00 Indian cabin brs. N., 2.00 chs. dist.
- 40.00 Set an iron post for $\frac{1}{4}$ sec. cor. on S. bdy. of sec. 32, with cap stamped
- $\frac{1}{4}$ S 32 in N. half
1910 in S. half
- Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, N. of cor.
- 44.50 Main road, brs. NW. and SE.
- 48.00 Irrigation canal, brs. N. 75° W. and S. 75° E.
- 50.00 Lateral ditch, brs. N. 10° E. and S. 10° W.
- 50.10 Main road, parallel to ditch.
- 53.00 Lateral ditch, brs. NW. and SE.
- 57.00 Wire fence, brs. N. 10° W. and S. 10° E.
- 57.10 Lateral ditch, brs. N. 10° W. and S. 10° E.
Thence over cultivated field.
- 60.00 Set an iron post for $\frac{1}{16}$ sec. cor. No. 2, on the S. bdy. of sec. 32 ($W\frac{1}{2}$), with cap stamped
- $\frac{1}{16}$ S 32 No 2 in N.
1910 in S.
- Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, N. of cor.
- 60.25 Lateral ditch, brs. N. 15° E. and S. 15° W. with wire fence along same.
- 65.20 Wire fence, brs. N. 70° W. and S. 70° E.
- 68.75 Wire fence, brs. NE. and SW.
- 74.00 Wire fence, brs. NE. and SW.
- 76.00 Wire fence, brs. NE. and SW.
Wire fence parallel to ditch.
- 80.00 Set an iron post for the cor. of secs. 31 and 32, with cap stamped
- T 1 S S 32 in NE.
R 2 E S 31 in NW.
1910 in S.
5 notches on E. and 1 notch on W. edge
- Dig pits 24x24x12 ins. in each sec. 6 ft. dist.; and raise a mound of earth 4 ft. base, 2 ft. high, N. of cor.

Resurvey of
S. bdy. of T. 1 S., R. 2 E.

Chains

Land, level bottom.
Soil, sandy loam, 1st rate.
Dense brush of sage and mesquite, 57.00 chs.; cultivated
land, 23.00 chs.

West on a true line along the S. bdy. of sec. 31.
Over level, cultivated land.

- 3.00 Wire fence and lateral ditch, brs. N. 20° E. and S. 20° W.
- 8.50 Wire fence, brs. S. 60° E. and N. 60° W.
- 14.00 Wire fence, brs. N. 30° E. and S. 30° W.
- 18.50 Irrigation canal, brs. N. 30° W. and S. 30° E.
- 20.00 Set an iron post for 1/16 sec. cor. No. 1, on the S. bdy. of sec. 31 (E $\frac{1}{2}$), with cap stamped
 - 1/16 S 31 No 1 in N.
 - 1910 in S.

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.;
and raise a mound of earth 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high,
N. of cor.

- 21.00 Wire fence, brs. N. 45° E. and S. 45° W.
 - 23.00 Wire fence, brs. S. 60° E. and N. 60° W.
 - 26.00 Irrigation canal, brs. N. 30° W. and S. 30° E.
 - 26.50 Wire fence, brs. N. 30° W. and S. 30° E.
- Leave cultivated field.

28.00 Road, brs. NW. and SE.

- 30.37 Right bank of Gila River, at mean high water mark,
Set an iron post for M.C. bet. secs. 6 and 31, with cap stamped
 - M C in W.
 - T 1 S S 31 in NE.
 - T 2 S R 2 E S 6 in SE.
 - 1910 in S.
 - 6 notches on N. and S. edges

Dig a pit 36x36x12 ins. 8 ft. E. of post; and raise a
mound of earth 4 ft. base, 2 ft. high, E. of cor.

- 40.00 Left bank of Gila River, course NW. at mean high water mark.
Set an iron post for $\frac{1}{4}$ sec. cor. on S. bdy. of sec. 31,
and for M.C. bet. secs. 6 and 31, with cap stamped

- * M C in E.
- T 1 S R 2 E $\frac{1}{4}$ S 31 in NW.
- T 2 S S 6 in SW.
- 1910 in S.
- 6 notches on N. and S. edges

* For change in
status of this
cor. see page 17
of this book.

Dig a pit 36x36x12 ins. 8 ft. W. of post; and raise a
mound of earth 4 ft. base, 2 ft. high, W. of cor.
Thence over land subject to overflow, through willow brush.

- 60.00 Set an iron post for 1/16 sec. cor. No. 2, on the S. bdy. of sec. 31 (W $\frac{1}{2}$), with cap stamped
 - 1/16 S 31 No 2 in N.

Resurvey of
S. bdy. of T. 1 S., R. 2 E.

Chains

1910 in S.

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.;
and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high,
N. of cor.

63.75 Road, brs. NW. and SE.

69.00 W. channel of Gila River, 2.00 chs. wide, course N.20°W.
Leave overflow land.

71.00 Road, brs. N. and SW.

78.11 At theoretical distance,
Set an iron post for cor. of Tps. 1 S., Rgs. 1 and 2 E.,
with cap stamped

T 1 S R 2 E S 31 in NE.

R 1 E S 36 in NW.

1910 in S.

6 notches on N., E. and W. edges

Dig pits 30x24x12 ins., on each line, E. and W., 4 ft.,
and N. of post 8 ft. dist.; and raise a mound of earth
5 ft. base, $2\frac{1}{2}$ ft. high, N. of cor.

Land, level, 11.00 chs. subject to overflow. 26.50 chs.
cultivated field.

Soil, sandy loam, 1st rate.

Dense willow brush, 38.11 chs.

Dec. 5, 1910.

Guy P. Harrington,

U. S. Surveyor.

The remainder of this township line was surveyed, as follows, by R. A. Farmer, Topographer.

Nov. 20, 1911.

From the cor. of Tps. 1 S., Rgs. 2 and 3 E. (described in
field notes of S. bdy. of T. 1 S., R. 3 E.) I run

West on a random line along the S. bdy. of sec. 36, which
is also the N. bdy. of the Gila River Indian Reservation.

40.00 After diligent search, no trace of the old $\frac{1}{4}$ sec. cor. is
found.

77.52 Falls 49 lks. N. of the old cor. of secs. 1, 2, 35 and 36.

Returning to the cor. of Tps. 1 S., Rgs. 2 and 3 E.,
thence I run

S. 89° 38' W. on a true line along the S. bdy. of sec. 36.

Over level land, through brush.

Resurvey of

S. bdy. of T. 1 S., R. 2 E.

Chains

24.00 Dry wash, 10 lks. wide, course S.

77.52 The cor. of secs. 1, 2, 35 and 36, which is a mesquite post 5 ins. dia., 18 ins. above ground, well set, and marked with 1 notch on E. and 5 notches on W.

North of and alongside this mesquite post, I set an iron post for W.C. to the cor. of secs. 35 and 36, with cap stamped

T 1 S S 36 in NE.
R 2 E S 35 in NW.
WC -1911 in S.

1 notch on E. and 5 notches on W. edge

Dig pits 24x24x12 ins. in each sec. 6 ft. dist.; and raise a mound of earth 4 ft. base, 2 ft. high, N. of cor.

Land, level. (Grazing land).

Soil, rocky, 3rd rate.

Brush, greasewood and cactus.

West on a random line along the S. bdy. of sec. 35, and the Gila River Indian Reservation bdy.

40.00 Falls 21 lks. N. of the $\frac{1}{4}$ sec. cor. on the S. bdy. of sec. 35, which is a mesquite post, marked and witnessed as hereinbefore described by Guy P. Harrington, U. S. Surveyor.

Returning to the cor. of secs. 35 and 36, thence I run

S. 89° 42' W. on a true line along the S. bdy. of sec. 35, ($E\frac{1}{2}$), along the Gila River Indian Reservation bdy.

Over level land, through brush.

10.30 Road, brs. NW. and SE.

13.50 Dry wash, 10 lks. wide, course SW.

28.30 Road, brs. N. and S.

40.00 The $\frac{1}{4}$ sec. cor. on the S. bdy. of sec. 35, which is a mesquite post, hereinbefore described.

North of and alongside this wooden post, I set an iron post for W.C., marked

$\frac{1}{4}$ S 35 in N.
W C 1911 in S.

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise a mound of earth 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, N. of cor.

Land, level. (Agricultural).

Soil, rocky, 3rd rate.

Brush, greasewood and cactus.

Resurvey of

S. bdy. of T. 1 S., R. 2 E.

Chains

West on a random line along the S. bdy. of sec. 35, ($W\frac{1}{2}$), which is also the N. bdy. of the Gila River Indian Reservation bdy.

34.56 Intersect the stone at the intersection of the north bdy. of T. 2 S., R. 2 E. with the reservation bdy., making an angle point.

40.00 Intersect the cor. of secs. 34 and 35, as reestablished by Guy P. Harrington, U. S. Surveyor, and previously described.

Returning to the $\frac{1}{4}$ sec. cor. on the S. bdy. of sec. 35, thence I run

West on a true line along the S. bdy. of sec. 35 ($W\frac{1}{2}$), which is also the N. bdy. of the Gila River Indian Reservation.

Over level land, through sage brush.

34.56 C.C. of section 35 at the Angle Point on the reservation boundary, which is a granite stone, 6x9x12 ins., marked 9 M and other marks which are illegible.

North of and alongside this stone, I set an iron post, 3 ft. long, 3 ins. dia., 26 ins. in the ground, for W.C., with cap stamped

A P T 1 S S 35 in NE.

G R I R T 2 S R 2 E S 2 W C C C 1911 in S.

Build a mound of stone 6 ft. base, 5 ft. high, E. of cor.

40.00 The cor. of secs. 34 and 35, previously described.

Land, level. (Agricultural).
Soil, 2nd rate.
No timber.

Nov. 20, 1911.

Resurvey of

S. bdy. of T. 1 S., R. 2 E.

Chains

Surveyed by R. A. Farmer, Topographer.

After completing the subdivision of T. 2 S., R. 2 E., I find it necessary to establish 1/16 and 1/4 sec. cors. on the S. bdy. of T. 1 S., R. 2 E. which will refer to T. 2 S., R. 2 E. only.

The iron posts used in this survey, unless otherwise described, are 3 ft. long, 1 inch in diameter, and are set 26 ins. in the ground.

From the C.C. of secs. 5 and 6, T. 2 S., R. 2 E., I run West along the North boundary of sec. 6.

4.68 The cor. of secs. 31 and 32, T. 1 S., R. 2 E.

20.00 Set an iron post for 1/16 sec. cor. No. 1, on the N. bdy. of sec. 6 (E₂), with cap stamped

1/16 S 6 No 1 1912 in S.

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high, S. of cor.

35.05 The M.C. on right bank of Gila River, set by Mr. Guy P. Harrington, U. S. Surveyor, and previously described.

44.68 After diligent search, I find no trace of the M.C. set by Mr. Harrington, on the left bank of the Gila River. *
marked for 1/4 sec. cor. of secs. 6 and 31. This cor. would hereafter refer to sec. 31, only.

The high water of the Gila River has washed away the bar and widened the channel, therefore, in order to set the post on safe ground, at

74.86 Set an iron post for W.C. to M.C. bet. secs. 6 and 31, with cap stamped

*For orig. establishment of this cor. see page 13, of this book.

W C M C in E.
T 1 S R 2 E S 31 in NW.
T 2 S S 6 in SW.
1912 in S.
6 notches on N. and S. edges

Dig a pit 36x36x12 ins. 8 ft. W. of post; and raise a mound of earth 4 ft. base, 2 ft. high, W. of cor.

Note: While this M.C. is marked as a W.C. M.C. it was afterwards abandoned as such and accepted as the M.C. of sec. 6 because of the change in the river.

77.56 The C.C. of T. 2 S., Rgs. 1 and 2 E.

Jan. 1, 1912.

From the C.C. of secs. 5 and 6, T. 2 S., R. 2 E., I run East along the N. bdy. of sec. 5.

15.32 The 1/16 sec. cor. No. 2, on the S. bdy. of sec. 32 (W₁)

Resurvey of

S. bdy. of T. 1 S., R. 2 E.

Chains

19.96 Set an iron post for 1/16 sec. cor. No. 2, on the N. bdy. of sec. 5, (W $\frac{1}{2}$), with cap stamped

1/16 S 5 No 2 1911 in S.

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise a mound of earth 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, S. of cor.

35.32 The $\frac{1}{4}$ sec. cor. on the S. bdy. of sec. 32.

39.92 Set an iron post for $\frac{1}{4}$ sec. cor. on the N. bdy. of sec. 5, with cap stamped

$\frac{1}{4}$ S 5 1911 in S.

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise a mound of earth 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, N. of cor.

55.32 The 1/16 sec. cor. No. 1, on the S. bdy. of sec. 32 (E $\frac{1}{2}$).

59.88 Set an iron post for 1/16 sec. cor. No. 1, on the N. bdy. of sec. 5 (E $\frac{1}{2}$), with cap stamped

1/16 S 5 No 1 1911 in S.

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise a mound of earth 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, S. of cor.

75.32 The cor. of secs. 32 and 33, T. 1 S., R. 2 E.

79.84 The C.C. of secs. 4 and 5, T. 2 S., R. 2 E.

Dec. 28, 1911.

From the C.C. of secs. 4 and 5, T. 2 S., R. 2 E., I run East along the N. bdy. of sec. 4.

19.99 Set an iron post for 1/16 sec. cor. No. 2, on the N. bdy. of sec. 4 (W $\frac{1}{2}$), with cap stamped

1/16 S 4 No 2 1911 in S.

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise a mound of earth 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, S. of cor.

39.98 Set an iron post for $\frac{1}{4}$ sec. cor. on the N. bdy. of sec. 4, with cap stamped

$\frac{1}{4}$ S 4 1911 in S.

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise a mound of earth 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, S. of cor.

59.97 Set an iron post for 1/16 sec. cor. No. 1, on the N. bdy. of sec. 4 (E $\frac{1}{2}$), with cap stamped

1/16 S 4 No 1 1911 in S.

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise a mound of earth 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, S. of cor.

Resurvey of

S. bdy. of T. 1 S., R. 2 E.

Chains

79.96 The C.C. of secs. 3 and 4. Dec. 21, 1911.

From the C.C. of secs. 3 and 4, T. 2 S., R. 2 E., I run East along the N. bdy. of sec. 3.

19.99 Set an iron post for 1/16 sec. cor. No. 2, on the N. bdy. of sec. 3 (W 1/2), with cap stamped

1/16 S 3 No 2 1911 in S.

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high, S. of cor.

39.98 Set an iron post for 1/4 sec. cor. on the N. bdy. of sec. 3, with cap stamped

1/4 S 3 1911 in S.

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high, S. of cor.

59.97 Set an iron post for 1/16 sec. cor. No. 1, on the N. bdy. of sec. 3 (E 1/2), with cap stamped

1/16 S 3 No 1 1911 in S.

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high, S. of cor.

79.96 The C.C. of secs. 2 and 3, T. 2 S., R. 2 E.

Dec. 15, 1911.

From the C.C. of secs. 2 and 3, on the N. bdy. of T. 2 S., R. 2 E., I run

East along the N. bdy. of sec. 2.

20.01 Set an iron post for 1/16 sec. cor. No. 2, on the N. bdy. of sec. 2, (W 1/2), with cap stamped

1/16 S 2 No 2 1911 in S.

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high, S. of cor.

35.47 The old 1/4 sec. cor. on the S. bdy. of sec. 35, T. 1 S., R. 2 E., previously described, (on the Gila River Indian Reservation boundary).

Thence I run

and also along the reservation bdy. N. 89° 42' E. along the N. bdy. of sec. 2, and at 4.55 chs. from the old 1/4 sec. cor. of sec. 35, or

40.02 from the C.C. of secs. 2 and 3, Set an iron post for the 1/4 sec. cor. on the N. bdy. of sec. 2, with cap stamped

Resurvey of

S. bdy. of T. 1 S., R. 2 E.

Chains

P L in N.
1/4 S 2 1911 G R I R in S.

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.;
and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high,
S. of cor.

60.03 From the C.C. of secs. 2 and 3, or 24.55 chs. from the
old 1/4 sec. cor. on the S. bdy. of sec. 35,
Set an iron post for 1/16 sec. cor. No. 1, on the N. bdy.
of sec. 2 (1/2), with cap stamped

P L in N.
1/16 S 2 No 1 1911 G R I R in S.

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.;
and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high,
S. of cor.

75.48 From the C.C. of secs. 2 and 3, or 40.00 chs. from the
old 1/4 sec. cor. on the S. bdy. of sec. 35,
The old cor. of secs. 35 and 36, on S. bdy. of T. 1 S.,
R. 2 E., previously described.

Thence

N. 89° 38' E. along the N. bdy. of sec. 2, and at 4.56
chs. from the above cor. of secs. 35 and 36, and

80.04 from the C.C. of sec. 2 and 3,
The C.C. of secs. 1 and 2, T. 2 S., R. 2 E., on the Gila
River Indian Reservation boundary. Dec. 9, 1911.

From the C.C. of secs. 1 and 2, T. 2 S., R. 2 E., I run
N. 89° 38' E. on a true line along the N. bdy. of sec. 1,
which is also the N. bdy. of the Gila River Indian Reser-
vation boundary.

19.99 Set an iron post for 1/16 sec. cor. No. 2, on the N. bdy.
of sec. 1, (W 1/2), with cap stamped

1/16 S 1 No 2 G R I R 1911 in S.
P L in N.

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.;
and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high,
S. of cor.

39.98 Set an iron post for 1/4 sec. cor. on the N. bdy. of sec. 1,
with cap stamped

1/4 S 1 G R I R 1911 in S.
P L in N.

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.;
and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high,
S. of cor.

59.97 Set an iron post for 1/16 sec. cor. No. 1, on the N. bdy.
of sec. 1 (E 1/2) with cap stamped

1/16 S 1 No 1 G R I R 1911 in S.
P L in N.

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.;
and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high,
S. of cor.

Resurvey of
S. bdy. of T. 1 S., R. 2 E.

Chains

72.96 Old cor. of T. 1 S., Rgs. 2 and 3 E.

Thence

N. 89° 56' E.

79.96 The C.C. of T. 2 S., Rgs. 2 and 3 E.

Dec. 1, 1911.

NOTE: When these 1/16 and 1/4 sec. cors. of T. 2 S., R. 2 E. were established, they were marked C C (for closing corner) but it has been decided that they are not to be considered as closing corners.

Resurvey of

W. bdy. of T. 1 S., R. 2 E.

Chains

Surveyed by Guy P. Harrington, U.S. Surveyor.
 The iron posts used in this survey, unless otherwise described are 3 ft. long, 1 inch in dia., set 26 ins. in ground.
 Dec. 7, 1910. At 9 a.m., l.m.t., I set off 33° 17' on the lat. arc, 22° 32' S. on the decl. arc, and determine a meridian with the solar, at the cor. of T. 1 S., Rgs. 1 and 2 E., previously described.

Thence I run

North on a true line bet. secs. 31 and 36.

Over level bottom, through dense willow brush.

6.10 Old road, brs. W., from SE.

20.00 Set an iron post for 1/16 sec. cor. No. 12, bet. secs. 31 and 36, (S₁₆), with cap stamped

1/16 S 36 in W. half
 S 31 in E. half
 No 12 1910 in S.

Dig pits 18x18x12 ins. N. and S. of post 3 ft. dist.; and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high, W. of cor.

32.00 Descend 10 ft. vertical bank, brs. NW. and SE. to river bottom, subject to overflow during high water.

34.00 Road, brs. NW. and SE.

40.00 Set an iron post for 1/4 sec. cor. bet. secs. 31 and 36, with cap stamped

1/4 S 36 in W. half
 S 31 in E. half
 1910 in S.

Dig pits 18x18x12 ins. N. and S. of post 3 ft. dist.; and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high, W. of cor.

48.50 Road, brs. N. 60° E. and S. 60° W.

60.00 Set an iron post for 1/16 sec. cor. No. 6, bet. secs. 31 and 36 (N₁₆), with cap stamped

1/16 S 36 in W. half
 S 31 in E. half
 No 6 1910 in S.

Dig pits 18x18x12 ins. N. and S. of post 3 ft. dist.; and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high, W. of cor.

78.50 Road, brs. E. and W.

80.00 Set an iron post for the cor. of secs. 25, 30, 31 and 36, with cap stamped

T 1 S S 30 in NE. quadrant
 R 2 E S 31 in SE. "
 S 36 in SW. "
 R 1 E S 25 in NW. "
 1910 in S.

5 notches on N. and 1 notch on S. edge

Dig pits 18x18x12 ins. in each sec. 5 1/2 ft. dist.; and

Resurvey of

W. bdy. of T. 1 S., R. 2 E.

Chains

raise a mound of earth 4 ft. base, 2 ft. high, W. of cor.

Land, level bottom. 48.00 chs. subject to overflow.
Soil, sandy loam, 1st rate.
Dense willow brush, 80.00 chs.

North bet. secs. 25 and 30.

Over land subject to overflow, through dense willow brush

5.00 Left bank of Gila River, at mean high water mark.
Set an iron pest for M.C. of secs. 25 and 30, with cap stamped

M C in N.
T 1 S R 1 E S 25 in SW.
R 2 E S 30 in SE.
1910 in S.
6 notches on E. and W. edges

Dig a pit 36x36x12 ins. 8 ft. S. of post; and raise a mound of earth 4 ft. base, 2 ft. high, S. of cor.

16.00 Right bank of Gila River, course NW. at mean high water mark.
Set an iron pest on top of 10-ft. vertical out-bank, for M.C. of secs. 25 and 30, with cap stamped

M C 1910 in S.
T 1 S R 2 E S 30 in NE.
R 1 E S 25 in NW.
6 notches on E. and W. edges.

Dig a pit 36x36x12 ins. 8 ft. N. of post; and raise a mound of earth 4 ft. base, 2 ft. high, N. of cor.

Leave overflow land.

20.00 Set an iron pest for 1/16 sec. cor. No. 12, bet. secs. 25 and 30 (S $\frac{1}{2}$), with cap stamped

1/16 S 25 in W. half
S 30 in E. half
No 12 1910 in S.

Dig pits 18x18x12 ins. N. and S. of post 3 ft. dist.; and raise a mound of earth 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor.

31.00 Irrigation canal, brs. N. 30° W. and S. 30° E.

34.00 Road, brs. S. 80° W. and N. 80° E.

36.20 Road, brs. N. 70° W. and S. 70° E.

36.30 Wire fence, brs. N. 70° W. and S. 70° E.

36.35 Lateral ditch, brs. N. 70° W. and S. 70° E.
Enter cultivated field.

40.00 Set an iron pest for $\frac{1}{4}$ sec. cor. bet. secs. 25 and 30, with cap stamped

$\frac{1}{4}$ S 25 in W. half
S 30 in E. half
1910 in S.

Dig pits 18x18x12 ins. N. and S. of post 3 ft. dist.;

Resurvey of
W. bdy. of T. 1 S., R. 2 E.

Chains	
	and raise a mound of earth 3½ ft. base, 1½ ft. high, W. of cor.
46.75	Lateral ditch and wire fence, brs. N. 60° W. and S. 60° E. Leave cultivated field; enter dense brush.
60.00	Set an iron pest for 1/16 sec. cor. No. 6, bet. secs. 25 and 30 (N½), with cap stamped 1/16 S 25 in W. half S 30 in E. half No 6 1910 in S. Dig pits 18x18x12 ins. N. and S. of pest 3 ft. dist.; and raise a mound of earth 3½ ft. base, 1½ ft. high, W. of cor.
62.20	Road, brs. NW. and SE. Leave brush.
64.00	Cabin brs. West, 1.00 ch. dist.
67.80	Wire fence, brs. NW. and SE.
71.00	Enter cultivated field, brs. N. 60° W. and S. 60° E.
80.00	Set an iron pest for the cor. of secs. 19, 24, 25 and 30, with cap stamped T 1 S S 19 in NE. quadrant R 2 E S 30 in SE. " S 25 in SW. " R 1 E S 24 in NW. " 1910 in S. 2 notches on S. and 4 on N. edge Dig pits 18x18x12 ins. in each sec. 5½ ft. dist.; and raise a mound of earth 4 ft. base, 2 ft. high, W. of cor. Land, level, 19.40 chs. cultivated. Soil, sandy loam, 1st rate. Dense brush of willow, sage and mesquite, 50.55 chs. ----- North bet. secs. 19 and 24. Over level, cultivated land.
4.00	Wire fence, brs. N. 60° E. and S. 60° W.
9.00	Wire fence, brs. N. 60° W. and S. 60° E.
9.10	Lateral ditch, brs. N. 60° W. and S. 60° E.
14.50	Wire fence, brs. NW. and SE.
18.00	Wire fence, brs. N. 60° E. and S. 60° W.
20.00	Set an iron pest for 1/16 sec. cor. No. 12, bet. secs. 19 and 24 (S½), with cap stamped 1/16 S 24 in W. half S 19 in E. half No 12 1910 in S. Dig pits 18x18x12 ins. N. and S. of pest 3 ft. dist.; and raise a mound of earth 3½ ft. base, 1½ ft. high, W. of cor.

Resurvey of

W. bdy. of T. 1 S., R. 2 E.

Chains

- 23.15 Wire fence, brs. N. 45° W. and S. 45° E.
- 25.00 Old irrigation canal, brs. NW. and SE.
- 29.60 Wire fence brs. N. 60° E. and S. 60° W.
- 29.65 Lateral ditch, brs. N. 60° E. and S. 60° W.
- 40.00 Set an iron post for $\frac{1}{4}$ sec. cor. bet. secs. 19 and 24,
with cap stamped
- $\frac{1}{4}$ S 24 in W. half
S 19 in E. half
1910 in S.
- Dig pits 18x18x12 ins. N. and S. of post 3 ft. dist.;
and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high,
W. of cor.
- 42.20 Wire fence, brs. N. 30° W. and S. 30° E.
- 43.70 Lateral ditch, brs. N. 30° W. and S. 30° E.
- 46.50 Indian cabin on line.
- 51.20 Irrigation canal, brs. N. 30° W. and S. 30° E.
- 52.20 Road, parallel to canal.
- 53.10 Wire fence, brs. N. 60° E. and S. 60° W.
- 59.00 Lateral ditch, brs. N. 60° W. and S. 60° E.
Indian cabin, brs. E., 60 lks. dist.
- 60.00 Set an iron post for $\frac{1}{16}$ sec. cor. No. 6, bet. secs. 19
and 24 ($N\frac{1}{2}$), with cap stamped
- $\frac{1}{16}$ S 24 in W. half
S 19 in E. half
No 6 1910 in S.
- Dig pits 18x18x12 ins. N. and S. of post 3 ft. dist.;
and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high,
W. of cor.
- 66.00 Road, brs. N. 30° W. and S. 30° E.
- 66.10 Wire fence, brs. N. 30° W. and S. 30° E.
Leave cultivated land; enter brush.
- 68.80 Road, brs. E. and W.
- 75.00 Road, brs. N. 60° W. and S. 60° E.
- 80.00 Set an iron post for the cor. of secs. 13, 18, 19 and 24,
with cap stamped
- T 1 S S 18 in NW. quadrant
R 2 E S 19 in SE. "
S 24 in SW. "
R 1 E S 13 in NW. "
1910 in S.
3 notches on N. and S. edges
- Dig pits 18x18x12 ins. in each sec., $5\frac{1}{2}$ ft. dist.; and
raise a mound of earth 4 ft. base, 2 ft. high, W. of
cor.

Land, level; 66.10 chs. cultivated.

Resurvey of
W. bdy. of T. 1 S., R. 2 E.

Chains	<p>Soil, sandy loam, 1st rate. Dense brush of sage and mesquite, 23.90 chs.</p> <p>-----</p> <p>North bet. secs. 13 and 18. Over level land, through brush.</p> <p>17.90 Road, brs. E. and W.</p> <p>20.00 Set an iron post for the 1/16 sec. cor. No. 12, bet. secs. 13 and 18, (3 1/2), with cap stamped</p> <p style="padding-left: 40px;">1/16 S 13 in W. half S 18 in E. half No 12 1910 in S.</p> <p>Dig pits 18x18x12 ins. N. and S. of post 3 ft. dist.; and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high, W. of cor.</p> <p>22.00 Road, brs. N. 80° E. and S. 80° W.</p> <p>25.00 Road, brs. NW. and SE.</p> <p>40.00 Set an iron post for 1/4 sec. cor. bet. secs. 13 and 18, with cap stamped</p> <p style="padding-left: 40px;">1/4 S 13 in W. half S 18 in E. half 1910 in S.</p> <p>Dig pits 18x18x12 ins. N. and S. of post 3 ft. dist.; and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high, W. of cor.</p> <p>48.70 Road, brs. NW. and SE.</p> <p>60.00 Set an iron post for 1/16 sec. cor. No. 6, bet. secs. 13 and 18 (N 1/2), with cap stamped</p> <p style="padding-left: 40px;">1/16 S 13 in W. half S 18 in E. half No 6 1910 in S.</p> <p>Dig pits 18x18x12 ins. N. and S. of post 3 ft. dist.; and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high, W. of cor.</p> <p>64.50 Road, brs. NE. and SW.</p> <p>80.00 Set an iron post for the cor. of secs. 7, 12, 13 and 18, with cap stamped</p> <p style="padding-left: 40px;">T 1 S S 7 in NE. quadrant R 2 E S 18 in SE. " S 13 in SW. " R 1 E S 12 in NW. " 1910 in S. 4 notches on S. and 2 notches on N. edge</p> <p>Dig pits 18x18x12 ins. in each sec. 5 1/2 ft. dist.; and raise a mound of earth 4 ft. base, 2 ft. high, W. of cor.</p> <p>Land, level, irrigable. Soil, sandy loam, 1st rate. Dense brush of sage and mesquite, 80.00 chs.</p>
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Resurvey of

W. bdy. of T. 1 S., R. 2 E.

Chains

Dec. 7, 1910. At the cor. of secs. 7, 12, 13 and 18, at apparent Noon, ~~xxxxx~~, I set off $22^{\circ} 34'$ S. on the decl. arc, and observe the sun on the meridian; the resulting lat. is $33^{\circ} 21'$, which is the proper lat.

Thence I run

North bet. secs. 7 and 12.

Over level, irrigable lands.

20.00 Set an iron post for $1/16$ sec. cor. No. 12, bet. secs. 7 and 12 ($S\frac{1}{2}$), with cap stamped

$1/16$ S 12 in W. half
S 7 in E. half
No 12 1910 in S.

Dig pits $18 \times 18 \times 12$ ins. N. and S. of post 3 ft. dist.; and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, W. of cor.

37.00 Road, brs. E. and W.

40.00 Set an iron post for the $\frac{1}{4}$ sec. cor. bet. secs. 7 and 12, with cap stamped

$\frac{1}{4}$ S 12 in W. half
S 7 in E. half
1910 in S.

Dig pits $18 \times 18 \times 12$ ins. N. and S. of post 3 ft. dist.; and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, W. of cor.

44.00 Road, brs. N. 10° E. and S. 10° W.

52.82 Intersect the NE. bdy. of the Gila River Indian Reservation at a point 63 lks. N. $41^{\circ} 03'$ W. of the 3 Mile Post, previously described.

Set an iron post (3 ins. dia.) for the C.C. of T. 1 S., Rgs. 1 and 2 E., with cap stamped

C C 1910 in S.
T 1 S R 1 E S 12 G R I R in SW.
R 2 E S 7 in SE.
6 notches on E. and W. edges

Dig a pit $42 \times 36 \times 12$ ins. NW. of post 4 ft. dist., and a pit $30 \times 24 \times 12$ ins. S. 8 ft. dist.; and raise a mound of earth 5 ft. base, $2\frac{1}{2}$ ft. high, S. of cor.

Land, level, - irrigable.

Soil, sandy loam, 1st rate.

Dense brush of sage and mesquite, 52.82 chs.

Dec. 7, 1910.

Resurvey of
N. hdy. of T. 2 S., R. 1 E.

Chains

Survey commenced Dec. 7, 1910, by Guy P. Harrington, U.S. Surveyor.

The iron posts used in this survey are 3 ft. long, and are set 26 ins. in the ground. The posts at section, $\frac{1}{4}$ sec., and $1/16$ sec. cors. are 1 inch in diameter, filled with cement and fitted with brass caps.

Dec. 7, 1910. At 8 a.m., l.m.t., I set off $33^{\circ} 17'$ on the lat. arc, $22^{\circ} 30'$ S. on the decl. arc, and determine a meridian with the solar, at the cor. of T. 1 S., Rgs. 1 and 2 E., previously described.

Thence I run

West on a random line bet. Tps. 1 and 2 S., R. 1 E., setting temp. cors. at intervals of 20.00 chs. for $1\frac{1}{2}$ miles and at intervals of 40.00 chs. the remainder of the distance.

477.15 Fall 154 lks. N. of the cor. of Tps. 1 and 2 S., Rgs. 1 E. and 1 W., on the Gila & Salt River Principal Meridian.

This falling corresponds to a correction of $25 \frac{2}{3}$ lks. per mile or $0^{\circ} 11'$ of arc.

Thence I run

N. $89^{\circ} 49'$ E. on a true line bet. secs. 6 and 31.

Over broken mountainous land.

14.30 Deep gulch, course N.

21.00 Deep gulch, course N.

37.15 Set an iron post for $\frac{1}{4}$ sec. cor. bet. secs. 6 and 31, (post set 6 ins. in ground to bed rock) with cap stamped

$\frac{1}{4}$ S 31 in N. half
S 6 1910 in S. half

Build a mound of stone 6 ft. base, $2\frac{1}{2}$ ft. high, around post.

49.10 Deep gulch, course NE.

58.25 Deep gulch, course NE.

75.00 Deep gulch, course NE.

77.15 On top of spur bearing NE. and SW., set an iron post 6 ins. in ground to bed rock, for the cor. of secs. 5, 6, 31 and 32, with cap stamped

T 1 S S 32 in NE. quadrant
R 1 E S 5 in SE. "
T 2 S S 6 in SW. "
S 31 in NW. "
1910 in S.
5 notches on E. and 1 notch on W. edge

Build a mound of stone 6 ft. base, $2\frac{1}{2}$ ft. high, around post.

Resurvey of

N. 1/2 of T. 2 S., R. 1 E.

Chains

Land, rough and mountainous.
Soil, bare rocks.

N. 89° 49' E. on a true line bet. secs. 5 and 32.

Over broken, mountainous land, descending spur.

12.00 Foot of spur. Gulch, course NE.

16.00 Gulch, course N.

28.00 Point of spur, brs. NW. and SE.

40.00 Set an iron post 8 ins. in ground to bed rock, for the 1/4 sec. cor. bet. secs. 5 and 32, with cap stamped

1/4 S 32 in N. half
S 5 1910 in S. half

Build a mound of stone 6 ft. base, 2 1/2 ft. high, around post.

42.00 Gulch, course NW.

60.00 Gulch, course NW.
Begin precipitous ascent of ridge.

74.00 Ridge, brs. NW. and SE.

80.00 On steep NE. slope of ridge, set an iron post 4 ins. in ground to bed rock, for the cor. of secs. 4, 5, 32 and 33, with cap stamped

T 1 S S 33 in NE. quadrant
R 1 E S 4 in SE. "
T 2 S S 5 in SW. "
S 32 in NW. "
1910 in S.

4 notches on E. and 2 notches on W. edge

Build a mound of stone 6 ft. base, 2 1/2 ft. high, around post.

Land, mountainous.
Soil, rocky (worthless).

N. 89° 49' E. on a true line bet. secs. 4 and 33.

Descending steep NE. slope of ridge.

6.00 Foot of descent. Gulch, course N.
Thence precipitous ascent of second ridge.

8.50 Top of high, rocky ridge, brs. N. 20° E. and S. 20° W.
Thence precipitous descent.

40.00 Set an iron post for 1/4 sec. cor. bet. secs. 4 and 33, with cap stamped

1/4 S 33 in N. half
S 4 1910 in S. half

Build a mound of stone 2 ft. base, 1 1/2 ft. high, N. of cor.

Resurvey of

N. bdy. of T. 2 S., R. 1 E.

Chains

60.00 Gulch, course N. 60° E.

80.00 On steep N. slope of mountain, set an iron post 6 ins. in the ground to bed rock, for the cor. of secs. 3, 4, 33 and 34, with cap stamped

T 1 S S 34 in NE. quadrant
R 1 E S 3 in SE. "
T 2 S S 4 in SW. "
S 33 in NW. "
1910 in S.
3 notches on E. and W. edges

Build a mound of stone 6 ft. base, 2½ ft. high, around post.

Land, mountainous.
Soil, rocky, 3rd rate.

N. 89° 49' E. on a true line bet. secs. 3 and 34.

Descending precipitous NE. slope of mountain.

10.00 Foot of precipitous descent of NE. slope, through chaparral, palo verde and greasewood.

22.00 Wash, course N. 10° W.

40.00 Set an iron post for ¼ sec. cor. bet. secs. 3 and 34, with cap stamped

¼ S 34 in N. half
S 3 1910 in S. half

Build a mound of stone 2 ft. base, 1½ ft. high, N. of cor.

45.00 Wash, course N. 10° E.

53.00 Wash, course N. 25° E.

80.00 Set an iron post for the cor. of secs. 2, 3, 34 and 35, with cap stamped

T 1 S S 35 in NE. quadrant
R 1 E S 2 in SE. "
T 2 S S 3 in SW. "
S 34 in NW. "
1910 in S.

2 notches on E. and 4 notches on W. edge

Build a mound of stone 2 ft. base, 1½ ft. high, W. of cor.

Land, broken and mountainous.
Soil, stony, 3rd rate.
Brush, chaparral, greasewood and palo verde, 75.00 chs.

Dec. 7, 1910. At the cor. of secs. 2, 3, 34 and 35, I set off 22° 40' S. on the decl. arc, and at apparent Noon observe the sun on the meridian; the resulting lat. is 33° 17', which is the proper lat.

Resurvey of

N. bdy. of T. 2 S., R. 1 E.

Chains

N. 89° 49' E, on a true line bet. secs. 2 and 35.
Over broken land, through brush.

22.00 Wash, course N. 45° E.

27.00 Wash, course N. 30° E.

40.00 Set an iron post for 1/4 sec. cor. bet. secs. 2 and 35,
with cap stamped

1/4 S 35 in N. half
S 2 1910 in S. half

Build a mound of stone 2 ft. base, 1 1/2 ft. high, N. of cor.

54.00 Enter level bottom, brs. NW. and SE.

57.00 Road, brs. N. 30° E. and S. 30° W.

60.00 Set an iron post for 1/16 sec. cor. No. 1, bet. secs. 2
and 35 (E 1/4), with cap stamped

1/16 S 35 in N. half
S 2 No 1 1910 in S. half

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.;
and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high, N.
of cor.

80.00 Set an iron post for the cor. of secs. 1, 2, 35 and 36,
with cap stamped

T 1 S S 36 in NE. quadrant
R 1 E S 1 in SE. "
T 2 S S 2 in SW. "
S 35 in NW. "
1910 in S.

1 notch on E. and 5 notches on W. edge

Dig pits 18x18x12 ins. in each sec. 5 1/2 ft. dist.; and
raise a mound of earth 4 ft. base, 2 ft. high, W. of
cor.

Land, broken and level.

Soil, stony and sandy loam, 2nd and 3rd rate.

Dense brush of palo verde, mesquite and chaparral, 80.00
chs.

N. 89° 49' E. on a true line bet. secs. 1 and 36.

Descending NE. slope, through palo verde and greasewood
and mesquite brush.

19.50 Road, brs. N. and S.

20.00 Set an iron post for 1/16 sec. cor. No. 2, bet. secs. 1
and 36 (W 1/4), with cap stamped

1/16 S 36 in N. half
S 1 No 2 1910 in S. half

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.;
and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high,
N. of cor.

40.00 Set an iron post for 1/4 sec. cor. bet. secs. 1 and 36,

Resurvey of

N. bdy. of T. 2 S., R. 2 E.

Chains

with cap stamped

1/4 S 36 in N. half
S 1 1910 in S. half

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.;
and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high,
N. of cor.

41.15 Santa Cruz River, 45 lks. wide, (clear, cold water)
course N. 15° W.

47.25 Wire fence, brs. N. 45° E. and S. 45° W.
Enter cultivated field.

52.75 Wire fence and lateral ditch, brs. N. 25° W. and S. 25° E.

54.40 Wire fence and lateral ditch, brs. N. 30° E. and S. 30° W.

56.25 Lateral ditch brs. N. 20° E. and S. 20° W.

59.60 Wire fence, brs. N. 30° E. and S. 30° W.

60.00 Set an iron post for 1/16 sec. cor. No. 1, bet. secs. 1
and 36 (E₁), with cap stamped

1/16 S 36 in N. half
S 1 No 1 1910 in S. half

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.;
and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high,
N. of cor.

64.25 Irrigation canal, brs. N. 20° W. and S. 20° E.

66.50 Wire fence, brs. NE. and SW.
Leave cultivated field; enter brush, brs. NE. and SW.

72.50 Wire fence, brs. N. 30° W. and S. 30° E. Cor. 50 lks. NW.

73.00 Road, brs. NW. and SE.

80.00 Cor. of Tps. 1 S., Rgs. 1 and 2 E.

85.23 C.C. of Tps. 2 S., Rgs. 1 and 2 E., hereinafter described.

Land, level.
Soil, sandy loam, 1st rate.
Dense brush of palo verde, mesquite, chaparral and grease-
wood, 65.98 chs. Cultivated field, 19.25 chs.

Dec. 7, 1910.

Guy P. Harrington,
U. S. Surveyor.

West Boundary of T. 3 S., R. 6 E.

Chains

Surveyed by Guy P. Harrington, U. S. Surveyor.

The iron posts used in this survey, unless otherwise described, are 3 ft. long, 1 inch in dia., and are set 26 ins. in the ground.

Jan. 6, 1911.

The U. S. Geological Survey, in making a topographic map of this section of the country in 1904, discovered the cor. of Tps. 2 and 3 S., Rgs. 5 and 6 E., which was a decayed wooden post 3 ins. sq., 3 ft. long, 1 ft. above ground, which they replaced with an iron bench mark post 3 ins. dia., 4 ft. long, 3 ft. in the ground. The replacing of this bench mark post, in place of the old cor., is described in the notes of the levelman, which are now on file in the office of Lewis C. Hill, Supervising Engineer of the U. S. R. S., at Phoenix, Ariz. The object in replacing this post with the bench mark post was to preserve this cor., which they saw would soon be obliterated and lost.

I mark this post as follows; in addition to the elevation already marked on same:

T 2 S S 31 in NE. quadrant
 R 6 E S 6 in SE. "
 T 3 S S 1 in SW. "
 R 5 E S 36 in NW. "
 P L on N.
 G R I R on S.
 6 notches on N., S., E. and W. edges

Jan. 6, 1911. At 8 a.m., l.m.t., I set off $33^{\circ} 12'$ on the lat. arc, $22^{\circ} 31'$ S. on the decl. arc, and determine a meridian with the solar.

Thence I run

South bet. secs. 1 and 6.

Over level land, through open brush.

20.00 Set an iron post for $\frac{1}{16}$ sec. cor. No. 6, bet. secs. 1 and 6 ($N\frac{1}{2}$), with cap stamped

$\frac{1}{16}$ S 1 in W. half
 S 6 in E. half
 No 6 1911 in S.

Dig pits $18 \times 18 \times 12$ ins. N. and S. of post 3 ft. dist.; and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, W. of cor.

24.50 Road, brs. N. 40° W. and S. 40° E.

40.00 Set an iron post for $\frac{1}{4}$ sec. cor. bet. secs. 1 and 6, with cap stamped

$\frac{1}{4}$ S 1 in W. half
 S 6 in E. half
 1911 in S.

Dig pits $18 \times 18 \times 12$ ins. N. and S. of post 3 ft. dist.; and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, W. of cor.

West Boundary of T. 3 S., R. 6 E.

Chains

60.00 Set an iron post for 1/16 sec. cor. No. 12, bet. secs. 1 and 6 (S $\frac{1}{2}$), with cap stamped

1/16 S 1 in W. half
 S 6 in E. half
 No 12 1911 in S.

Dig pits 18x18x12 ins. N. and S. of post 3 ft. dist.; and raise a mound of earth 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor.

80.00 Set an iron post for the cor. of secs. 1, 6, 7 and 12, with cap stamped

T 3 S S 6 in NE. quadrant
 R 6 E S 7 in SE. "
 S 12 in SW. "
 R 5 E S 1 in NW. "
 1911 in S.
 5 notches on S. and 1 notch on N. edge

Dig pits 18x18x12 ins. in each sec. 5 $\frac{1}{2}$ ft. dist.; and raise a mound of earth 4 ft. base, 2 ft. high, W. of cor.

Land, level.
 Soil, sandy loam, 1st rate.
 Open brush of sage, mesquite, chaparral, greasewood and palo fierro, full distance.

South bet. secs. 7 and 12.
 Over level land, through open brush.

20.00 Set an iron post for 1/16 sec. cor. No. 6, bet. secs. 7 and 12 (N $\frac{1}{2}$), with cap stamped

1/16 S 12 in W. half
 S 7 in E. half
 No 6 1911 in S.

Dig pits 18x18x12 ins. N. and S. of post 3 ft. dist.; and raise a mound of earth 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor.

40.00 Set an iron post for $\frac{1}{4}$ sec. cor. bet. secs. 7 and 12, with cap stamped

$\frac{1}{4}$ S 12 in W. half
 S 7 in E. half
 1911 in S.

Dig pits 18x18x12 ins. N. and S. of post 3 ft. dist.; and raise a mound of earth 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor.

60.00 Set an iron post for 1/16 sec. cor. No. 12, bet. secs. 7 and 12 (S $\frac{1}{2}$), with cap stamped

1/16 S 12 in W. half
 S 7 in E. half
 No 12 1911 in S.

Dig pits 18x18x12 ins. N. and S. of post 3 ft. dist.; and raise a mound of earth 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor.

80.00 Set an iron post for the cor. of secs. 7, 12, 13 and 18,

West Boundary of T. 3 S., R. 6 E.

Chains

with cap stamped

T 3 S S 7 in NE. quadrant
 R 6 E S 18 in SE. "
 S 13 in SW. "
 R 5 E S 12 in NW. "
 1911 in S.

4 notches on S. and 2 notches on N. edge

Dig pits 18x18x12 ins. in each sec. 5½ ft. dist.; and
 raise a mound of earth 4 ft. base, 2 ft. high, W. of
 cor.

Land, level.

Soil, sandy loam, 1st rate.

Open brush of sage, mesquite, palo fierro, chaparral,
 full distance.

South bet. secs. 13 and 18.

Over level land, through open brush.

20.00 Set an iron post for 1/16 sec. cor. No. 6, bet. secs. 13
 and 18 (N½), with cap stamped

1/16 S 13 in W. half
 S 18 in E. half
 No 6 1911 in S.

Dig pits 18x18x12 ins. N. and S. of post 3 ft. dist.;
 and raise a mound of earth 3½ ft. base, 1½ ft. high,
 W. of cor.

40.00 Set an iron post for ¼ sec. cor. bet. secs. 13 and 18,
 with cap stamped

¼ S 13 in W. half
 S 18 in E. half
 1911 in S.

Dig pits 18x18x12 ins. N. and S. of post 3 ft. dist.;
 and raise a mound of earth 3½ ft. base, 1½ ft. high,
 W. of cor.

50.00 Road, brs. N. 50° W. and S. 50° E.

60.00 Set an iron post for 1/16 sec. cor. No. 12, bet. secs. 13
 and 18 (S½), with cap stamped

1/16 S 13 in W. half
 S 18 in E. half
 No 12 1911 in S.

Dig pits 18x18x12 ins. N. and S. of post 3 ft. dist.;
 and raise a mound of earth 3½ ft. base, 1½ ft. high,
 W. of cor.

80.00 Set an iron post for the cor. of secs. 13, 18, 19 and 24,
 with cap stamped

T 3 S S 18 in NE. quadrant
 R 6 E S 19 in SE. "
 S 24 in SW. "
 R 5 E S 13 in NW. "
 1911 in S.

3 notches on N. and S. edges

Dig pits 18x18x12 ins. in each sec. 5½ ft. dist.; and

West Boundary of T. 3 S., R. 6 E.

Chains	
	raise a mound of earth 4 ft. base, 2 ft. high, W. of cor.
	Land, level. Soil, sandy loam, 1st rate. Open brush of palo fierro, sage, chaparral, mesquite and greasewood, full distance.

	South bet. secs. 19 and 24.
	Over level land, through open brush.
6.25	Road, brs. N. 30° W. and S. 30° E.
18.00	Road, brs. N. 45° W. and S. 45° E.
20.00	Set an iron post for 1/16 sec. cor. No. 6, bet. secs. 19 and 24 (N $\frac{1}{16}$), with cap stamped
	1/16 S 24 in W. half S 19 in E. half No 6 1911 in S.
	Dig pits 18x18x12 ins. N. and S. of post 3 ft. dist.; and raise a mound of earth 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor.
20.50	Road, brs. N. 30° W. and S. 30° E.
24.04	Right bank of main irrigation canal of U.S.R.S., brs. N. 75° W. and S. 75° E.
24.86	Left bank of canal, also road along embankment.
29.75	Road, brs. N. 60° W. and S. 60° E.
40.00	Set an iron post for $\frac{1}{4}$ sec. cor. bet. secs. 19 and 24, with cap stamped
	$\frac{1}{4}$ S 24 in W. half S 19 in E. half 1911 in S.
	Dig pits 18x18x12 ins. N. and S. of post 3 ft. dist.; and raise a mound of earth 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor.
45.00	Lateral ditch, brs. N. 65° W. and S. 65° E.
46.75	Road and U.S.R.S. transmission line, brs. N. 65° W. and S. 65° E.
50.00	Road, brs. E. and W.
60.00	Set an iron post for 1/16 sec. cor. No. 12, bet. secs. 19 and 24 (S $\frac{1}{16}$), with cap stamped
	1/16 S 24 in W. half S 19 in E. half No 12 1911 in S.
	Dig pits 18x18x12 ins. N. and S. of post 3 ft. dist.; and raise a mound of earth 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor.
64.30	Lateral ditch, brs. N. 80° E. and S. 80° W.
70.00	Road, brs. N. 45° E. and S. 45° W.

West Boundary of T. 3 S., R. 6 E.

Chains

- 70.50 Lateral ditch, brs. N. and S. 30° E.
- 73.00 Road, brs. N. 30° W. and S. 30° E.
- 78.00 Recross same lateral, brs. N. 10° E. and S. 10° W.
- 79.00 Road, brs. S. 75° W. and N. 75° E.
- 80.00 Set an iron post for the cor. of secs. 19, 24, 25 and 30, with cap stamped

T 3 S S 19 in NE. quadrant
 R 6 E S 30 in SE. "
 S 25 in SW. "
 R 5 E S 24 in NW. "
 1911 in S.
 2 notches on S. and 4 notches on N. edge

Dig pits 18x18x12 ins. in each sec. 5½ ft. dist.; and raise a mound of earth 4 ft. base, 2 ft. high, W. of cor.

Land, level.
 Soil, sandy loam, 1st rate.
 Open brush of sage, palo fierro, mesquite, chaparral and greasewood, full distance.

 South bet. secs. 25 and 30.

Over level land, through open brush.

- 4.00 Enter dense brush of mesquite and greasewood.
- 10.50 Road, brs. N. 50° E. and S. 50° W.
- 16.50 Road, brs. N. 70° W. and S. 70° E.
- 18.00 Road, brs. N. 80° E. and S. 10° W.
- 20.00 Set an iron post for 1/16 sec. cor. No. 6, bet. secs. 25 and 30 (N½), with cap stamped

1/16 S 25 in W. half
 S 30 in E. half
 No 6 1911 in S.

Dig pits 18x18x12 ins. N. and S. of post 3 ft. dist.; and raise a mound of earth 3½ ft. base, 1½ ft. high, W. of cor.

- 25.00 Leave dense brush; enter cultivated field. Fence, brs. N. 75° W. and S. 75° E.
- 30.50 Lateral ditch, brs. N. 45° E. and S. 45° W.
- 38.00 Wire fence, brs. S. 45° W. and N. 45° E. Leave cultivated field; enter open brush.
- 40.00 Set an iron post for ¼ sec. cor. bet. secs. 25 and 30, with cap stamped

¼ S 25 in W. half
 S 30 in E. half
 1911 in S.

Dig pits 18x18x12 ins. N. and S. of post 3 ft. dist.; and raise a mound of earth 3½ ft. base, 1½ ft. high,

West Boundary of T. 3 S., R. 6 E.

Chains

W. of cor.

- 49.00 Enter dense growth of mesquite brush, brs. E. and W.
- 50.25 Lateral ditch and wire fence, brs. N. 45° W. and S. 45° E.
- 53.00 Lateral ditch, brs. N. 45° E. and S. 45° W.
- 53.20 Wire fence, brs. N. 45° E. and S. 45° W.
Leave dense brush; enter open growth.
- 60.00 Set an iron post for 1/16 sec. cor. No. 12, bet. secs. 25 and 30 (S $\frac{1}{2}$), with cap stamped

1/16 S 25 in W. half
 S 30 in E. half
 No 12 1911 in S.

Dig pits 18x18x12 ins. N. and S. of post 3 ft. dist.;
 and raise a mound of earth 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, W.
 of cor.

- 60.50 Enter dense mesquite thicket.
- 64.20 Leave dense mesquite thicket; enter cultivated land.
Wire fence, brs. N. 45° E. and S. 45° W.
- 64.40 Wire fence, brs. N. 45° W. and S. 45° E.
- 70.30 Lateral ditch, brs. N. 45° E. and S. 45° W.
- 75.80 Wire fence, brs. N. 45° E. and S. 45° W.
- 79.90 Wire fence, brs. N. 45° W. and S. 45° E.
- 80.00 Set an iron post for the cor. of secs. 25, 30, 31 and 36,
with cap stamped

T 3 S S 30 in NE. quadrant
 R 6 E S 31 in SE. "
 S 36 in SW. "
 R 5 E S 25 in NW. "
 1911 in S.
 1 notch on S. and 5 notches on N. edge,

from which

A mesquite 12 ins. dia. brs. S.5°45'W., 176 lks.dist.
 Mkd. T 3 S R 5 E S 36 B T.
 A mesquite 12 ins. dia. brs. N.60°30'W., 103 lks.dist.
 Mkd. T 3 S R 5 E S 25 B T.

Dig pits 18x18x12 ins. in each sec. 5 $\frac{1}{2}$ ft. dist.; and
 raise a mound of earth 4 ft. base, 2 ft. high, W. of
 cor.

Cor. falls in Indian's barn-yard.

Land, level.
 Soil, sandy loam, 1st rate.
 Open brush of sage, palo fierro, chaparral, mesquite and
 greasewood, full distance,

South bet. secs. 31 and 36.

Over level land, through open brush.

West Boundary of T. 3 S., R. 6 E.

Chains	
1.50	Indian cabin brs. E., 2.00 chs. dist. Fence, brs. N. 45° W. and S. 45° E.
7.75	Lateral ditch and wire fence, brs. N. 45° E. and S. 45° W. Enter heavy brush.
9.50	Road, brs. N. 30° E. and S. 10° W.
14.50	Road, brs. N. 45° E. and S. 45° W.
16.50	Road, brs. N. 70° E. and S. 70° W.
18.50	Lateral ditch and wire fence, brs. N. 45° E. and S. 45° W.
20.00	Set an iron post for 1/16 sec. cor. No. 6, bet. secs. 31 and 36 (N $\frac{1}{2}$) with cap stamped 1/16 S 36 in W. half S 31 in E. half No 6 1911 in S., from which A mesquite 8 ins. dia. brs. S.59°45'E., 24 lks. dist. Mkd. 1/16 S 31 B T. A mesquite 8 ins. dia. brs. S.88°45'W., 112 lks. dist. Mkd. 1/16 S 36 B T. Dig pits 18x18x12 ins. N. and S. of post 3 ft. dist.; and raise a mound of earth 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor.
24.75	Lateral ditch, and wire fence, brs. N. 45° E. and S.45°W.
25.50	Wire fence, brs. S. 45° E. and N. 45° W.
25.75	Lateral ditch, brs. N. 45° W. and S. 45° E.
26.00	Road, brs. N. 45° W. and S. 45° E.
26.50	Lateral ditch, brs. N. 45° W. and S. 45° E.
32.00	Road, brs. N. 40° W. and S. 40° E.
33.00	Road, brs. N. 30° W. and S. 30° E.
36.35	Right bank of Gila River, course NW. Set an iron post for M.C. bet. secs. 31 and 36, with cap stamped M C 1911 in S. T 3 S R 6 E S 31 in NE. R 5 E S 36 in NW. 6 notches on E. and W. edges Dig a pit 36x36x12 ins. 8 ft. N. of post; and raise a mound of earth 4 ft. base, 2 ft. high, N. of cor.
40.00	Point for $\frac{1}{4}$ sec. cor. bet. secs. 31 and 36, falls in bed of River.
60.00	Point for 1/16 sec. cor. falls in Gila River
80.00	Set temp. point for cor. of Sps. 3 and 4 S., Rgs. 5 and 6 E., in bed of Gila River, course NW. Land, level. 43.00 chs. river bed. Soil, sandy loam, 1st rate and river silt. Open and dense brush of mesquite, palo fierro, sage, mesquite and greasewood, 36.35 chs.

Jan. 6, 1911.

Resurvey of

West Boundary of T. 4 S., R. 6 E.

Chains

Surveyed by Guy P. Harrington, U. S. Surveyor.

The iron posts used in this survey, unless otherwise described, are 3 ft. long, 1 inch in dia., and are set 26 ins. in the ground.

Jan. 7, 1911. At 9 a.m., l.m.t., I set off 33° 07' on the lat. arc, 22° 25' S. on the decl. arc, and determine a meridian with the solar, at the true point for cor. of Tps. 3 and 4 S., Rgs. 5 and 6 E., which falls in bed of Gila River.

Thence I run

South bet. secs. 1 and 6.

Over river bed.

20.00 True point for 1/16 sec. cor. No. 6, bet. secs. 1 and 6 (N $\frac{1}{2}$), falls in bed of Gila River.

40.00 True point for $\frac{1}{4}$ sec. cor., falls in bed of Gila River.

46.20 Left bank of Gila River, course N. 70° W. Set an iron post for M.C., with cap stamped

M C in N.
T 4 S R 5 E S 1 in SW.
R 6 E S 6 in SE.
1911 in S.
6 notches on E. and W. edges

Dig a pit 36x36x12 ins. 8 ft. S. of post; and raise a mound of earth 4 ft. base, 2 ft. high, S. of cor.

49.00 Enter dense undergrowth of rabbit weed, willow and mesquite, brs. E. and W.

52.00 Leave dense brush, brs. E. and W. Thence through open brush.

52.70 Road, brs. S. 80° E. and N. 80° W.

59.00 Lateral ditch, brs. N. 60° W. and S. 60° E.

60.00 Set an iron post for 1/16 sec. cor. No. 12, bet. secs. 1 and 6 (S $\frac{1}{2}$), with cap stamped

1/16 S 1 in W. half
S 6 in E. half
No 12 1911 in S.

Dig pits 18x18x12 ins. N. and S. of post 3 ft. dist.; and raise a mound of earth 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor.

65.00 Road, brs. N. 30° E. and S. 30° W.

74.00 Road, brs. N. 80° W. and S. 80° E.

80.00 Set an iron post for the cor. of secs. 1, 6, 7 and 12, with cap stamped

T 4 S S 6 in NE. quadrant
R 6 E S 7 in SE. "
S 12 in SW. "
R 5 E S 1 in NW. "
1911 in S.
5 notches on S. and 1 notch on N. edge

Resurvey of

West Boundary of T. 4 S., R. 6 E.

Chains	
	<p>Dig pits 18x18x12 ins. in each sec. 5½ ft. dist.; and raise a mound of earth 4 ft. base, 2 ft. high, W. of cor.</p> <p>Land, level and irrigable. Soil, sandy loam, 1st rate. Dense and scattered brush of rabbit weed, willow, sage mesquite and greasewood, full distance.</p> <p>-----</p> <p>South bet. secs. 7 and 12.</p> <p>Over level land, through open brush.</p>
6.00	Road, brs. S. 80° W. and N. 80° E.
9.75	Right bank of Little Gila River; abrupt 8 ft. banks; channel dry at this point, course N. 85° W.
10.75	Left bank of Little Gila River. Enter heavy mesquite and rabbit weed brush.
19.00	Wash, course N. 85° W.
20.00	<p>Set an iron post for 1/16 sec. cor. No. 6, bet. secs. 7 and 12 (N½), with cap stamped</p> <p style="padding-left: 40px;">1/16 S 12 in W. half S 7 in E. half No 6 1911 in S.</p> <p>Dig pits 18x18x12 ins. N. and S. of post 3 ft. dist.; and raise a mound of earth 3½ ft. base, 1½ ft. high, W. of cor.</p>
28.00	Road, brs. N. 80° W. and S. 80° E.
40.00	<p>Set an iron post for ¼ sec. cor. bet. secs. 7 and 12, with cap stamped</p> <p style="padding-left: 40px;">¼ S 12 in W. half S 7 in E. half 1911 in S.</p> <p>Dig pits 18x18x12 ins. N. and S. of post 3 ft. dist.; and raise a mound of earth 3½ ft. base, 1½ ft. high, W. of cor.</p>
45.00	Leave heavy growth of mesquite and rabbit weed. Enter open chaparral and sage brush.
47.75	Road, brs. N. 75° W. and S. 75° E.
55.00	Road, brs. N. 75° W. and S. 75° E.
60.00	<p>Set an iron post for 1/16 sec. cor. No. 12, bet. secs. 7 and 12 (S½), with cap stamped</p> <p style="padding-left: 40px;">1/16 S 12 in W. half S 7 in E. half No 12 1911 in S.</p> <p>Dig pits 18x18x12 ins. N. and S. of post 3 ft. dist.; and raise a mound of earth 3½ ft. base, 1½ ft. high, W. of cor.</p>
80.00	Set an iron post for the cor. of secs. 7, 12, 13 and 18,

Resurvey of

West Boundary of T. 4 S., R. 6 E.

Chains

with cap stamped

T 4 S S 7 in NE. quadrant
 R 6 E S 18 in SE. "
 S 13 in SW. "
 R 5 E S 12 in NW. "
 1911 in S.
 4 notches on S. and 2 notches on N. edge

Dig pits 18x18x12 ins. in each sec. $5\frac{1}{2}$ ft. dist.; and raise a mound of earth 4 ft. base, 2 ft. high, W. of cor.

Land, level and irrigable.
 Soil, sandy loam, 1st rate.
 Dense and scattered brush of sage, mesquite, greasewood,
 and rabbit weed, and scattered chaparral, full dist.

 South bet. secs. 13 and 18.

Over level land, through open brush.

15.50 Main graded highway, brs. S.80°W. and N.80°E.

20.00 Set an iron post for $\frac{1}{16}$ sec. cor. No. 6, bet. secs. 13 and 18, ($N\frac{1}{2}$), with cap stamped

$\frac{1}{16}$ S 13 in W. half
 S 18 in E. half
 No 6 1911 in S.

Dig pits 18x18x12 ins. N. and S. of post 3 ft. dist.; and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, W. of cor.

36.20 Road, brs. N. 35° E. and S. 35° W.

40.00 Set an iron post for $\frac{1}{4}$ sec. cor. bet. secs. 13 and 18, with cap stamped

$\frac{1}{4}$ S 13 in W. half
 S 18 in E. half
 1911 in S.

Dig pits 18x18x12 ins. N. and S. of post 3 ft. dist.; and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, W. of cor.

60.00 Set an iron post for $\frac{1}{16}$ sec. cor. No. 12, bet. secs. 13 and 18 ($S\frac{1}{2}$) with cap stamped

$\frac{1}{16}$ S 13 in W. half
 S 18 in E. half
 No 12 1911 in S.

Dig pits 18x18x12 ins. N. and S. of post 3 ft. dist.; and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, W. of cor.

77.00 Road, brs. N. 35° E. and S. 35° W.

80.00 Set an iron post for the cor. of secs. 13, 18, 19 and 24, with cap stamped

T 4 S S 18 in NE. quadrant
 R 6 E S 19 in SE. "
 S 24 in SW. "
 R 5 E S 13 in NW. "
 1911 in S., 3 notches on N. and S. edges

Resurvey of
West Boundary of T. 4 S., R. 6 E.

Chains

from which

A mesquite 8 ins. dia. brs. N. 0° 30' W., 84 lks. dist.
Mkd. T 4 S R 5 E S 13 B T.

Dig pits 18x18x12 ins. in each sec. 5½ ft. dist.; and
raise a mound of earth 4 ft. base, 2 ft. high, W. of
cor.

Land, level and irrigable.
Soil, sandy loam, 1st rate.
Open growth of sage, chaparral, greasewood, palo verde,
and palo fierro, full distance.

South bet. secs. 19 and 24.

Over level land, through open brush.

20.00 Set an iron post for 1/16 sec. cor. No. 6, bet. secs. 19
and 24 (N½), with cap stamped

1/16 S 24 in W. half
S 19 in E. half
No 6 1911 in S.

Dig pits 18x18x12 ins. N. and S. of post 3 ft. dist.;
and raise a mound of earth 3½ ft. base, 1½ ft. high,
W. of cor.

40.00 Set an iron post for ¼ sec. cor. bet. secs. 19 and 24,
with cap stamped

¼ S 24 in W. half
S 19 in E. half
1911 in S.

Dig pits 18x18x12 ins. N. and S. of post 3 ft. dist.;
and raise a mound of earth 3½ ft. base, 1½ ft. high,
W. of cor.

60.00 Set an iron post for 1/16 sec. cor. No. 12, bet. secs. 19
and 24 (S½), with cap stamped

1/16 S 24 in W. half
S 19 in E. half
No 12 1911 in S.

Dig pits 18x18x12 ins. N. and S. of post 3 ft. dist.;
and raise a mound of earth 3½ ft. base, 1½ ft. high,
W. of cor.

75.80 Road, brs. S. 30° W. and N. 30° E.

80.00 Set an iron post for the cor. of secs. 19, 24, 25 and 30,
with cap stamped

T 4 S S 19 in NE. quadrant
R 6 E S 30 in SE. "
S 25 in SW. "
R 5 E S 24 in NW. "
1911 in S.
4 notches on N. and 2 notches on S. edge

Dig pits 18x18x12 ins. in each sec. 5½ ft. dist.; and
raise a mound of earth 4 ft. base, 2 ft. high, W. of
cor.

Land, level and irrigable.

Resurvey of

West Boundary of T. 4 S., R. 6 E.

Chains

Soil, sandy loam, 1st rate.
Open growth of sage, chaparral, mesquite, palo verde and
palo fierro, full dist.

South bet. secs. 25 and 30.

Over rocky, sloping land, through open brush.

1.50 Road, brs. N. 70° E. and S. 70° W.

4.25 Road, brs. N. 30° E. and S. 30° W.

40.00 Set an iron post for 1/4 sec. cor. bet. secs. 25 and 30,
with cap stamped

1/4 S 25 in W. half
S 30 in E. half
1911 in S.

Dig pits 18x18x12 ins. N. and S. of post 3 ft. dist.;
and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high,
W. of cor.

80.00 Set an iron post for the cor. of secs. 25, 30, 31 and 36,
with cap stamped

T 4 S S 30 in NE. quadrant
R 6 E S 31 in SE. "
S 36 in SW. "
R 5 E S 25 in NW. "
1911 in S.
5 notches on N. and 1 notch on S. edge,

from which

A palo verde 8 ins. dia. brs. N. 36° 45' W., 24 lks. dist.
Mkd. T 4 S R 5 E S 25 B T.

Dig pits 18x18x12 ins. in each sec., 5 1/2 ft. dist.; and
raise a mound of earth 4 ft. base, 2 ft. high, W. of cor.

Land, rocky and sloping, - non-irrigable.
Soil, sandy and stony, 2nd and 3rd rate.
Open growth of palo verde, chaparral and palo fierro,
with scattered giant and echino cactus, full distance.

Jan. 7, 1911. At this cor., I set off 22° 25' S. on the
decl. arc, and at apparent Noon, observe the sun on the
meridian; the resulting lat. is 33° 02', which is the
proper lat.

South bet. secs. 31 and 36.

Over rolling, rocky land, through open brush.

40.00 Set an iron post for 1/4 sec. cor. bet. secs. 31 and 36,
with cap stamped

1/4 S 36 in W. half
S 31 in E. half
1911 in S., from which

A palo verde 8 ins. dia. brs. S. 10° W., 136 lks. dist.
Mkd. 1/4 S 36 B T.

A palo verde 6 ins. dia. brs. N. 1° 08' E., 98 lks. dist.
Mkd. 1/4 S 31 B T.

Resurvey of

West Boundary of T. 4 S., R. 6 E.

Chains

Dig pits 18x18x12 ins. N. and S. of post 3 ft. dist., and raise a mound of earth 3½ ft. base, 1½ ft. high, W. of cor.

63.00 Wash, course N. 50° W.

80.00 Set an iron post 3 ft. long, 3 ins. dia., 26 ins. in the ground, for the cor. of Tps. 4 and 5 S., Rgs. 5 and 6 E., with cap stamped

T 4 S S 31 in NE. quadrant
 R 6 E S 6 in SE. "
 T 5 S S 1 in SW. "
 R 5 E S 36 in NW. "
 1911 in S.
 6 notches on N., E., S. and W. edges

from which

A palo verde 8 ins. dia. brs. S. 26° E., 155 lks. dist.
 Mkd. T 5 S R 6 E S 6 B T.
 A palo verde 6 ins. dia. brs. N. 1° 30' E., 50 lks. dist.
 Mkd. T 4 S R 6 E S 31 B T.
 A palo verde 6 ins. dia. brs. N. 47° 30' W., 136 lks. dist.
 Mkd. T 4 S R 5 E S 36 B T.

Dig pits 24x24x12 ins. on each line, N., E., and W., 4 ft., and S. of post 8 ft. dist.; and raise a mound of earth 5 ft. base, 2½ ft. high, S. of cor.

Land, rolling and broken.
 Soil, sandy and stony, 3rd rate.
 Open growth of chaparral, palo verde, palo fierro and scattered cactus, full distance.

Jan. 7, 1911.

Resurvey of

North Boundary of T. 5 S., R. 6 E.

Chains

Surveyed by Guy P. Harrington, U. S. Surveyor.

The iron posts used in this survey, unless otherwise described, are 3 ft. long, 1 inch in dia., and are set 26 ins. in the ground.

Jan. 7, 1911.

From the cor. of Tps. 4, and 5 S., Rgs. 5 and 6 E., previously described, I run

East on a true line bet. secs. 6 and 31.

Over broken, mountainous land, and scattered brush.

7.50 Road, brs. N. 35° E. and S. 35° W.

37.00 Road, brs. N. and S.

39.53 At theoretical dist., set an iron post for the $\frac{1}{4}$ sec. cor. bet. secs. 6 and 31, with cap stamped

$\frac{1}{4}$ S 31 in N. half
S 6 1911 in S. half, from which

A palo verde 8 ins. dia., brs. S. 64° 30' W., 57 lks. dist.
Mkd. $\frac{1}{4}$ S 6 B T.

A palo verde 12 ins. dia. brs. N. 26° 45' W., 60 lks. dist.
Mkd. $\frac{1}{4}$ S 31 B T.

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, N. of cor.

79.53 Set an iron post for the cor. of secs. 5, 6, 31 and 32, with cap stamped

T 4 S S 32 in NE. quadrant
R 6 E S 5 in SE. "
T 5 S S 6 in SW. "
S 31 in NW. "

1911 in S.
5 notches on E. and 1 notch on W. edge,

from which

A palo verde 15 ins. dia. brs. S. 79° 30' W., 313 lks. dist.
Mkd. T 5 S R 6 E S 6 B T.

Dig pits 18x18x12 ins. in each sec. $5\frac{1}{2}$ ft. dist.; and raise a mound of earth 4 ft. base, 2 ft. high, W. of cor.

Land, rolling and broken, - non-irrigable.

Soil, sandy and stony, 3rd rate.

Open growth of palo verde, chaparral, palo fierro and mesquite, full distance.

East on a true line bet. secs. 5 and 32.

Over rolling and mountainous land, through open brush.

40.00 Set an iron post for $\frac{1}{4}$ sec. cor. bet. secs. 5 and 32, with cap stamped

$\frac{1}{4}$ S 32 in N. half
S 5 1911 in S. half

Resurvey of
North Boundary of T. 5 S., R. 6 E.

Chains

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.;
and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high,
N. of cor.

54.25 Road, brs. N. 40° E. and S. 40° W.

76.25 Wash, course N.

79.50 Wash, course N.

80.00 Set an iron post for the cor. of secs. 4, 5, 32 and 33,
with cap stamped

T 4 S S 33 in NE. quadrant

R 6 E S 4 in SE. "

T 5 S S 5 in SW. "

S 32 in NW. "

1911 in S,

2 notches on W. and 4 notches on E. edge,

from which

A palo verde 6 ins. dia. brs. S. $53^\circ 15' W.$, 103 lks. dist.

Mkd. T 5 S R 5 E S 5 B T.

A palo verde 6 ins. dia. brs. N. $75^\circ W.$, 172 lks. dist.

Mkd. T 4 S R 5 E S 32 B T.

Dig pits 18x18x12 ins. in each sec. $5\frac{1}{2}$ ft. dist.; and
raise a mound of earth 4 ft. base, 2 ft. high, W. of
cor.

Land, rolling and mountainous.

Soil, sandy and gravelly, 3rd rate.

Open growth of mesquite, palo verde, palo fierro and
chaparral, with scattered giant and echino cactus, full
distance.

East on a true line bet. secs. 4 and 33.

Over rolling, mountainous land, through open brush.

3.00 Road, brs. N. $25^\circ W.$ and S. $25^\circ E.$

21.50 Road, brs. N. $60^\circ E.$ and S. $60^\circ W.$

40.00 Set an iron post for $\frac{1}{4}$ sec. cor. bet. secs. 4 and 33, with
cap stamped

$\frac{1}{4}$ S 33 in N. half

S 4 1911 in S. half, from which

A palo verde 6 ins. dia. brs. S. $58^\circ 15' W.$, 269 lks. dist.

Mkd. $\frac{1}{4}$ S 4 B T.

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.;
and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high,
N. of cor.

41.00 Main graded Casa Grande road, brs. N. $15^\circ E.$ and S. $15^\circ W.$

61.21 Road, brs. N. $45^\circ W.$ and S. $45^\circ E.$

80.00 Set an iron post for the cor. of secs. 3, 4, 33 and 34,
with cap stamped

Resurvey of

North Boundary of T. 5 S., R. 6 E.

Chains

T 4 S S 34 in NE. quadrant
R 6 E S 3 in SE. "
T 5 S S 4 in SW. "
S 33 in NW. "

1911 in S.
3 notches on E. and W. edge, from which

A palo verde 24 ins. dia. brs. N.50°50'W., 305 lks. dist.
Mkd. T 4 S R 6 E S 33 B T.

Dig pits 18x18x12 ins. in each sec. 5½ ft. dist.; and
raise a mound of earth 4 ft. base, 2 ft. high, W. of
cor.

Land, rolling and mountainous.
Soil, sandy and stony, 3rd rate.
Open growth of palo verde, palo fierro, chaparral, and
scattered giant sactus, full distance.

Jan. 7, 1911.

Jan. 9, 1911. At 8 a.m., l.m.t., I set off 33° 02' on
the lat. arc, 22° 09' S. on the decl. arc, and determine
a meridian with the solar, at the cor. of secs. 3, 4,
33 and 34.

Thence I run

East on a true line bet. secs. 3 and 34.

Over rolling, mountainous land, through open brush.

36.10 Road, brs. N. and S.

40.00 Set an iron post for ¼ sec. cor. bet. secs. 3 and 34,
with cap stamped

¼ S 34 in N. half
S 3 1911 in S. half

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.;
and raise a mound of earth 3½ ft. base, 1½ ft. high,
N. of cor.

42.50 Small low ridge, brs. N. and S.

45.00 Road, brs. N. 20° W. and S. 20° E.

50.00 Begin steep ascent of rocky S. slope of spur, brs. N.80°W.
and S.80°E.

57.40 Summit of ridge or spur, brs. N.80°W. and S.80°E.

60.00 Enter head of rocky gulch, branches to S. 45° W. and
N. 45° W. from N. 80° E.

64.00 Leave rocky gulch.

75.00 Rocky ridge, brs. N. 40° W. and S. 40° E.

78.00 Wash, course S. 40° E.

80.00 Set an iron post for the cor. of secs. 2, 3, 34 and 35,
with cap stamped

Resurvey of

North Boundary of T. 5 S., R. 6 E.

Chains

T 4 S S 35 in NE. quadrant
 R 6 E S 2 in SE. "
 T 5 S S 3 in SW. "
 S 34 in NW. "

1911 in S.

2 notches on E. and 4 notches on W. edge

Build a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor.

Cor. falls on SW. slope of rocky spur.

Land, broken and mountainous.

Soil, sandy and stony, 3rd rate.

Open growth of palo fierro, palo verde, chaparral and cactus, full distance.

 East on a true line bet. secs. 2 and 35.

Over broken and mountainous land, through open brush.

26.00 Leave SW. slope of rocky spur, brs. NW. and SE.

40.00 Set an iron post for $\frac{1}{4}$ sec. cor. bet. secs. 2 and 35, with cap stamped

$\frac{1}{4}$ S 35 in N. half
 S 2 1911 in S. half

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, N. of cor.

54.00 Small rocky spur, brs. N. and S.

80.00 Set an iron post for the cor. of secs. 1, 2, 35 and 36, with cap stamped

T 4 S S 36 in NE. quadrant
 R 6 E S 1 in SE. "
 T 5 S S 2 in SW. "
 S 35 in NW. "

1911 in S.

1 notch on E. and 5 notches on W. edge

Dig pits 18x18x12 ins. in each sec. $5\frac{1}{2}$ ft. dist.; and raise a mound of earth 4 ft. base, 2 ft. high, W. of cor.

Land, broken and mountainous.

Soil, sandy and stony, 3rd rate.

Open growth of chaparral, palo verde, palo fierro and scattered cactus, full distance.

 East on a true line bet. secs. 1 and 36.

Over rolling land, through open brush.

40.00 Set an iron post for $\frac{1}{4}$ sec. cor. bet. secs. 1 and 36, with cap stamped

$\frac{1}{4}$ S 36 in N. half
 S 1 1911 in S. half

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, N. of cor.

Resurvey of

North Boundary of T. 5 S., R. 6 E.

Chains

80.00 Set an iron post 3 ft. long, 3 ins. dia., 26 ins. in the ground, for the cor. of Tps. 4 and 5 S., Rgs. 6 and 7 E., with cap stamped

T 4 S S 31 in NE. quadrant
R 7 E S 6 in SE. "
T 5 S S 1 in SW. "
R 6 E S 36 in NW. "
1911 in S.
6 notches on N., E., S. and W. edges

Dig pits 24x24x12 ins. on each line, N., E., and W., 4 ft., and S. of post 8 ft. dist.; and raise a mound of earth 5 ft. base, 2½ ft. high, S. of cor.

Land, rolling, and non-irrigable.
Soil, sandy and gravelly, 2nd and 3rd rate.
Open growth of palo verde, palo fierro, chaparral, and scattered cactus, full distance.

Jan. 9, 1911.



Resurvey of

West Boundary of T. 4 S., R. 7 E.

Chains

Surveyed by Guy P. Harrington, U. S. Surveyor.

The iron posts used in this survey, unless otherwise described, are 3 ft. long, 1 inch in dia., and are set 26 ins. in the ground.

Jan. 9, 1911.

From the cor. of Tps. 4 and 5 S., Rgs. 6 and 7 E., previously described, I run

North on a true line bet. secs. 31 and 36.

Over gently rolling, non-irrigable land, through open growth of brush.

40.00 Set an iron post for 1/4 sec. cor. bet. secs. 31 and 36, with cap stamped

1/4 S 36 in W. half
S 31 in E. half
1911 in S.

Dig pits 18x18x12 ins. N. and S. of post 3 ft. dist.; and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high, W. of cor.

80.00 Set an iron post for cor. of secs. 25, 30, 31 and 36, with cap stamped

T 4 S S 30 in NE. quadrant
R 7 E S 31 in SE. "
S 36 in SW. "
R 6 E S 25 in NW. "
1911 in S.
1 notch on S. and 5 notches on N. edge

Dig pits 18x18x12 ins. in each sec. 5 1/2 ft. dist.; and raise a mound of earth 4 ft. base, 2 ft. high, W. of cor.

Land, gently rolling, - non-irrigable.
Soil, sandy and gravelly, 3rd rate.
Open growth of palo verde, palo fierro, chaparral and scattered cactus, full distance.

North bet. secs. 25 and 30.

Over level, irrigable land, through open growth of brush.

4.00 Road, brs. S. 30° W. and N. 30° E.

10.50 Road, brs. N. 75° W. and S. 75° E.

20.00 Set an iron post for 1/16 sec. cor. No. 12, bet. secs. 25 and 30 (S 1/2), with cap stamped

1/16 S 25 in W. half
S 30 in E. half
No 12 1911 in S.

Dig pits 18x18x12 ins. N. and S. of post 3 ft. dist.; and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high, W. of cor.

Resurvey of

West Boundary of T. 4 S., R. 7 E.

Chains	
23.00	Enter Indian cemetery, brs. E. and W.
24.00	Leave Indian cemetery, brs. E. and W.
40.00	Set an iron post for $\frac{1}{4}$ sec. cor. bet. secs. 25 and 30, with cap stamped
	$\frac{1}{4}$ S 25 in W. half S 30 in E. half 1911 in S.
	Dig pits 18x18x12 ins. N. and S. of post 3 ft. dist.; and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, W. of cor.
44.50	Road, brs. N. 60° W. and S. 60° E.
55.00	Wash, course N. 45° E.
60.00	Set an iron post for $\frac{1}{16}$ sec. cor. No. 6, bet. secs. 25 and 30 ($N\frac{1}{4}$), with cap stamped
	$\frac{1}{16}$ S 25 in W. half S 30 in E. half No 6 1911 in S.
	Dig pits 18x18x12 ins. N. and S. of post 3 ft. dist.; and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, W. of cor.
63.50	Road, brs. N. 30° W. and S. 30° E.
71.25	Road, brs. N. 40° W. and S. 40° E.
75.00	Mainly travelled road, brs. N. 30° E. and S. 30° W.
76.00	Old unused well and brickyard on line.
80.00	Set an iron post for the cor. of secs. 19, 24, 25 and 30, with cap stamped
	T 4 S S 19 in NE. quadrant R 7 E S 30 in SE. " S 25 in SW. " R 6 E S 24 in NW. " 1911 in S. 2 notches on S. and 4 notches on N. edge
	Dig pits 18x18x12 ins. in each sec. $5\frac{1}{2}$ ft. dist.; and raise a mound of earth 4 ft. base, 2 ft. high, W. of cor.
	Land, level and irrigable. Soil, sandy loam, 1st rate. Open growth of palo verde, palo fierro, chaparral and sage, with scattered mesquite, full distance.

	From the cor. of secs. 19, 24, 25 and 30, I run
	North bet. secs. 19 and 24.
	Over level, irrigable land, through brush.
1.50	Road, brs. N. 60° W. and S. 60° E.
8.50	Graded road, brs. N. 80° W. and S. 80° E.
12.75	Road, brs. N. 80° E. and S. 80° W. - leads to Indian cabin

Resurvey of

West Boundary of T. 4 S., R. 7 E.

Chains	
	bearing N. 80° E., 4.00 chs. dist.
14.50	Road, brs. N. 15° W. and S. 70° E. Enter heavy growth of mesquite brush.
20.00	Set an iron post for 1/16 sec. cor. No. 12, bet. secs. 19 and 24 (S $\frac{1}{2}$), with cap stamped 1/16 S 24 in W. half S 19 in E. half No 12 1911 in S. Dig pits 18x18x12 ins. N. and S. of post 3 ft. dist.; and raise a mound of earth 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor.
20.25	Road, brs. N. 10° E. and S. 10° W.
28.40	Wire fence, brs. N. 70° W. and S. 70° E.
32.00	Leave heavy mesquite brush; enter cultivated field.
40.00	Set an iron post for the $\frac{1}{4}$ sec. cor. bet. secs. 19 and 24, with cap stamped $\frac{1}{4}$ S 24 in W. half S 19 in E. half 1911 in S., from which A cottonwood 8 ins. dia. brs. N.50°15'E., 71 lks. dist. Mkd. $\frac{1}{4}$ S 19 B T. Dig pits 18x18x12 ins. N. and S. of post 3 ft. dist.; and raise a mound of earth 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor.
43.50	Lateral ditch, brs. N. 60° W. and S. 60° E.
48.00	Lateral ditch, brs. N. 20° E. and S. 20° W.
50.00	Lateral ditch, brs. N. 60° W. and S. 60° E.
53.30	Lateral ditch, brs. N. 60° W. and S. 60° E. Wire fence, parallel to ditch.
59.75	Lateral ditch and wire fence, brs. N. 60° W. and S.60°E.
60.00	Set an iron post for 1/16 sec. cor. No. 6, bet. secs. 19 and 24, (N $\frac{1}{2}$), with cap stamped 1/16 S 24 in W. half S 19 in E. half No 6 1911 in S., from which A cottonwood 10 ins. dia. brs. S.40°30'E., 95 lks.dist. Mkd. 1/16 S 19 B T. Dig pits 18x18x12 ins. N. and S. of post 3 ft. dist.; and raise a mound of earth 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor.
60.10	Road, brs. N. 60° W. and S. 60° E.
63.00	Little Gila River, course N. 80° W. (30 lks. wide).
63.90	Wire fence intersection, bearing N. 80° W., S. 80° E., and N. 10° E.
66.00	Lateral ditch,, parallel to above fence, turning to N.10°E.

Resurvey of

West Boundary of T. 4 S., R. 7 E.

Chains

- 67.25 Lateral ditch, brs. N. 80° W. and S. 80° E.
 71.25 Wire fence and lateral ditch, brs. N. 60° W. and S. 60° E.
 77.20 Wire fence and lateral ditch, brs. N. 60° W. and S. 60° E.
 80.00 Set an iron post for the cor. of secs. 13, 18, 19 and 24,
 with cap stamped

T 4 S S 18 in NE. quadrant
 R 7 E S 19 in SE. "
 S 24 in SW. "
 R 6 E S 13 in NW. "
 1911 in S.
 3 notches on N. and S. edges

Dig pits 18x18x12 ins. in each sec. 5½ ft. dist.; and
 raise a mound of earth 4 ft. base, 2 ft. high, W. of
 cor.

Land, level, and irrigable. 48.00 chs. cultivated.
 Soil, sandy loam, 1st rate.
 Open and dense brush of mesquite, sage, chaparral and
 greasewood, full distance.

 North bet. secs. 13 and 18.

Over level, irrigable land, and cultivated fields.

- 1.15 Wire fence, brs. N. 60° W. and S. 60° E.
 8.00 Enter open growth of mesquite, sage and chaparral; leav-
 ing cultivated fields.
 10.00 Two Indian cabins and out buildings, bear East 5.00 chs.
 dist.; and a third cabin brs. West, 5.00 chs. dist.
 13.80 Wire fence, brs. N. 15° E. and S. 15° W.
 14.70 Road, brs. N. 45° E. and S. 45° W.
 16.25 Road, brs. N. 80° W. and S. 80° E.
 19.50 Road, from S. 85° W. intersects road bearing N. 80° W. and
 S. 80° E.
 20.00 Set an iron post for 1/16 sec. cor. No. 12, bet. secs. 13
 and 18 (S½), with cap stamped
 1/16 S 13 in W. half
 S 18 in E. half
 No 12 1911 in S., from which
 A mesquite 10 ins. dia. brs. N. 5° 45' E., 190 lks. dist.
 Mkd. 1/16 S 18 B T.
 Dig pits 18x18x12 ins. N. and S. of post 3 ft. dist.;
 and raise a mound of earth 3½ ft. base, 1½ ft. high,
 W. of cor.
 20.85 Road, brs. N. 65° W. and S. 65° E.
 25.60 Road, brs. S. 60° W. and N. 10° E.
 31.00 Road, brs. N. 30° E. and S. 30° W.
 32.00 Road, brs. N. 20° W. and S. 20° E.

Resurvey of

West Boundary of T. 4 S., R. 7 E.

Chains	
33.25	Wire fence, brs. N. 80° W. and S. 80° E. Leave brush; enter cultivated field.
33.90	Wire fence, brs. N. 20° W. and S. 20° E.
40.00	Set an iron post for 1/4 sec. cor. bet. secs. 13 and 18, with cap stamped
	<p style="text-align: center;">1/4 S 13 in W. half S 18 in E. half 1911 in S., from which</p>
	<p style="text-align: center;">A mesquite 12 ins. dia. brs. S.20°30'W. 254 lks.dist. Mkd. 1/4 S 13 B T.</p>
	<p style="text-align: center;">Dig pits 18x18x12 ins. N. and S. of post 3 ft. dist.; and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high, W. of cor.</p>
46.50	Wire fence and lateral ditch, brs. N. 80° E. and S. 80°W.
52.25	Lateral ditch, brs. N. 80° W. and S. 80° E.
55.90	Lateral ditch brs. N. 45° E. and S. 45° W.
57.00	Wire fence and lateral ditch, brs. N. 10° E. and S. 10° W.
60.00	Set an iron post for 1/16 sec. cor. No. 6, bet. secs. 13 and 18 (N 1/2), with cap stamped
	<p style="text-align: center;">1/16 S 13 in W. half S 18 in E. half No 6 1911 in S.</p>
	<p style="text-align: center;">Dig pits 18x18x12 ins. N. and S. of post 3 ft. dist.; and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high, W. of cor.</p>
60.05	Wire fence, brs. N. 80° W. and S. 80° E. Leave cultivated field.
61.25	Left bank of Gila River, course N. 40° W. Set an iron post for M.C. of secs. 13 and 18, with cap stamped
	<p style="text-align: center;">M C in N. T 4 S R 7 E S 18 in NE. R 6 E S 13 in NW. 1911 in S. 6 notches on E. and W. edge</p>
	<p style="text-align: center;">Dig a pit 36x36x12 ins. 8 ft. S. of post; and raise a mound of earth 4 ft. base, 2 ft. high, S. of cor.</p>
80.00	True point for cor. of secs. 7, 12, 13 and 18, falls in bed of Gila River, course N. 40° W.
	<p>Land, level and irrigable. 37.80 chs. under cultivation. Soil, sandy loam, 1st rate. Open growth of brush of mesquite, sage, and greasewood, 23.45 chs. 18.75 chs. in bed of Gila River.</p>

	<p>From true point for cor. of secs. 7, 12, 13 and 18, in bed of Gila River, I run</p>
	<p>North bet. secs. 7 and 12.</p>

Resurvey of

West Boundary of T. 4 S., R. 7 E.

Chains

Over bed of Gila River.

- 14.50 Right bank of Gila River.
Set an iron post for M.C. of secs. 13 and 18, with cap stamped

M C 1911 in S.
T 4 S R 7 E S 7 in NE.
R 6 E S 12 in NW.
6 notches on E. and W. edge

Build a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high, N. of cor.

Thence over rocky, mountainous land, through scattered brush, ascending.

- 16.00 Top of ascent, brs. NW. and SE.
22.15 Road, brs. N. 50° E. and S. 50° W. at base of gradual north slope.
29.50 Road, brs. N. 80° W. and S. 80° E.
40.00 Set an iron post for $\frac{1}{4}$ sec. cor. bet. secs. 7 and 12, with cap stamped

$\frac{1}{4}$ S 12 in W. half
S 7 in E. half
1911 in S.

Dig pits 18x18x12 ins. N. and S. of post 3 ft. dist.; and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, W. of cor.

- 46.00 Road, brs. N. 15° E. and S. 15° W.
49.50 Road, brs. N. 70° E. and S. 70° W.
69.50 Wash, course S. 60° W.
80.00 Set an iron post for the cor. of secs. 1, 6, 7 and 12, with cap stamped

T 4 S S 6 in NE. quadrant
R 7 E S 7 in SE. "
S 12 in SW. "
R 6 E S 1 in NW. "
1911 in S.

5 notches on S. and 1 notch on N. edge

Build a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor.

Land, broken and mountainous. 14.50 chs. river bed.
Soil, sandy and stony, 3rd rate.
Open brush of mesquite, chaparral and palo verde, and palo fierro, 80.00 chs.

North bet. secs. 1 and 6.

Over mountainous land, through scattered brush.

- 4.00 Road, brs. N. 35° E. and S. 35° W.
21.00 Road, brs. N. 65° E. and S. 65° W.

Resurvey of

West Boundary of T. 4 S., R. 7 E.

Chains

27.50 Wash, course S. 45° W.

40.00 Set an iron post for 1/4 sec. cor. bet. secs. 1 and 6, with cap stamped

1/4 S 1 in W. half
S 6 in E. half
1911 in S.

Build a mound of stone 2 ft. base, 1 1/2 ft. high, W. of cor.

49.00 Deep wash, course S. 55° W.

80.00 Set an iron post 3 ft. long, 3 ins. dia., 26 ins. in the ground, for the cor. of Tps. 3 and 4 S., Rgs. 6 and 7 E., (which is also an angle point on the Gila River Indian Reservation boundary), with cap stamped

P L T 3 S S 31 in NE. quadrant
R 7 E S 6 in SE. "
G R I R T 4 S S 1 in SW. "
R 6 E S 36 in NW. "
1911 in S.

6 notches on N., E., S. and W. edges

Build a mound of stone 6 ft. base, 4 ft. high, S. of cor.

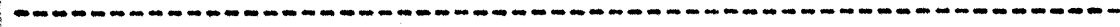
* I spend several days in search of the old cor., but being unable to find same, I establish the above cor. for angle point (but afterwards changed from angle point when the N. bdy. of T. 4 S., R. 7 E. was established).

Land, broken and mountainous.
Soil, stony, 3rd rate.
Scattered brush, full distance.

* Orig. Tp. Cor. destroyed
See p. 191 of this book.

Jan. 9, 1911. At this cor., I set off 22° 09' S. on the decl. arc, and at apparent Noon observe the sun on the meridian; the resulting lat. is 33° 07', which is the proper lat.

Jan. 9, 1911.



North Boundary of T. 4 S., R. 6 E.

Chains

Surveyed by Guy P. Harrington, U. S. Surveyor.

The iron posts used in this survey, unless otherwise described, are 3 ft. long, 1 inch in dia., and are set 26 ins. in the ground.

Jan. 9, 1911.

From the cor. of Tps. 3 and 4 S., Rgs. 6 and 7 E., Rgs. 6 and 7 E., previously described, I run

West on a random line bet. Tps. 3 and 4 S., Rg. 6 E., setting temp. cors. at intervals of 40 and 80 chs., and 20.00 chs. on irrigable land.

479.25 Falls 60 lks. S. of true point for the cor. of Tps. 3 and 4 S., Rgs. 5 and 6 E., which falls in Gila River.

This falling calls for a correction of 10 lks. per mile or 0° 4' of arc.

Thence I run

S. 89° 56' E. on a true line bet. secs. 6 and 31.

Over bed of Gila River.

73.40 Right bank of Gila River, course N. 60° W. Set an iron post for M.C. bet. secs. 6 and 31, with cap stamped

M C in W.
T 3 S S 31 in NE.
T 4 S R 6 E S 6 in SE.
1911 in S.
6 notches on N. and S. edges

Dig a pit 36x36x12 ins. 8 ft. E. of post; and raise a mound of earth 4 ft. base, 2 ft. high, E. of cor.

Thence through open growth of sage, chaparral, mesquite and palo verde.

76.00 Road, brs. N. 80° W. and S. 60° E.

76.05 Main irrigation canal, brs. N. 60° W. and S. 60° E.

79.25 Set an iron post for the cor. of secs. 5, 6, 31 and 32, with cap stamped

T 3 S S 32 in NE. quadrant
R 6 E S 5 in SE. "
T 4 S S 6 in SW. "
S 31 in NW. "

1911 in S.
5 notches on E. and 1 notch on W. edge

Dig pits 18x18x12 ins. in each sec. 5½ ft. dist.; and raise a mound of earth 4 ft. base, 2 ft. high, W. of cor.

Land, level and irrigable. 73.40 chs. Gila River bed. Soil, sandy loam, 1st rate. Open growth of sage, chaparral, palo verde, palo fierro, and mesquite, 5.85 chs.

North Boundary of T. 4 S., R. 6 E.

Chains	
	S. 89° 56' E. on a true line bet. secs. 5 and 32. Over level, irrigable land, through open brush.
1.06	Wire fence, brs. N. 60° W. and S. 60° E. Enter cultivated fields.
2.20	Wire fence, brs. N. 30° E. and S. 30° W.
16.72	Lateral ditch and wire fence, brs. S. 30° W. and N. 30° E. Indian cabin brs. N. 30° E., 8.00 chs. dist.
17.25	Wire fence, brs. N. 60° W. and S. 60° E.
20.00	Set an iron post for 1/16 sec. cor. No. 2, bet. secs. 5 and 32 (W ₁), with cap stamped 1/16 S 32 in N. half S 5 No 2 1911 in S. half Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise a mound of earth 3½ ft. base, 1½ ft. high, N. of cor.
25.31	Lateral ditch and wire fence, brs. S. 30° W. and N. 30° E.
30.20	Lateral ditch, brs. N. 60° W. and S. 60° E.
30.50	Wire fence, brs. N. 60° W. and S. 60° E.
32.30	Lateral ditch and wire fence, brs. N. 30° E. and S. 30° W.
36.00	Wire fence, brs. S. 30° E. and N. 30° W.
39.20	Lateral ditch, brs. S. 30° W. and N. 30° E.
40.00	Set an iron post for ¼ sec. cor. bet. secs. 5 and 32, with cap stamped ¼ S 32 in N. half S 5 1911 in S. half Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise a mound of earth 3½ ft. base, 1½ ft. high, N. of cor..
46.75	Wire fence and lateral ditch, brs. N. 30° E. and S. 30° W.
50.20	Intersect of fences and lateral ditches; fences bear SE. to NW., and to S. 30° W.; laterals bear from SE. to S. 30° W. Indian cabin brs. N., 2.00 chs. dist.; and second Indian cabin brs. SW., 2.00 chs. dist.
50.60	Main road, brs. NW. and SE.
51.00	Main irrigation canal, brs. N. 80° W. and SE.
51.70	Wire fence, brs. NW. and SE.
53.20	Lateral ditch, brs. N. 60° W. and S. 60° E.
53.80	Lateral ditch, brs. N. 30° E. and S. 30° W.
53.85	Wire fence, brs. N. 30° E. and S. 30° W.
57.90	Lateral ditch, brs. N. 30° E. and S. 30° W.
60.00	Set an iron post for 1/16 sec. cor. No. 1, bet. secs. 5

North boundary of T. 4 S., R. 6 E.

Chains

and 32 (W $\frac{1}{2}$), with cap stamped

1/16 S 32 in N. half
S 5 No 1 1911 in S. half

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.;
and raise a mound of earth 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high,
N. of cor.

- 61.20 Lateral ditch and wire fence, brs. N. 30° E. and S. 30° W.
- 61.90 Wire fence, brs. S. 60° E. and N. 60° W.
- 64.70 Lateral ditch, brs. NE. and SW.
- 68.70 Lateral ditch and wire fence, brs. NE. and SW.
- 75.00 Lateral ditch, brs. NW. and SE.
- 76.00 Wire fence, brs. NW. and SE.
- 76.15 Lateral ditch, brs. NE. and SW.
- 76.25 Wire fence, brs. NE. and SW.
- 79.40 Lateral ditch, brs. NE. and SW.
- 80.00 Set an iron post for the cor. of secs. 4, 5, 32 and 33,
with cap stamped

T 3 S S 33 in NE. quadrant
R 6 E S 4 in SE. "
T 4 S S 5 in SW. "
S 32 in NW. "

1911 in S.
4 notches on E. and 2 notches on W. edge

Dig pits 18x18x12 ins. in each sec. 5 $\frac{1}{2}$ ft. dist.; and
raise a mound of earth 4 ft. base, 2 ft. high, W. of
cor.

Land, level and irrigable. 78.94 chs. cultivated.
Soil, sandy loam, 1st rate.
Open brush of mesquite, sage, greasewood, 1.06 chs.

S. 89° 56' E. on a true line bet. secs. 4 and 33.

Over level, irrigable land, through cultivated field.

- 3.60 Wire fence, brs. NE. and SW.
- 8.00 Lateral ditch, brs. NE. and SW.
- 9.00 Road, brs. N. 30° E. and S. 30° W.
- 9.10 Wire fence, brs. N. 30° E. and S. 30° W.
- 10.50 Wire fence, brs. S. 60° E. and N. 60° W.
- 14.70 Wire fence, brs. NE. and SW.
Leave cultivated field and enter dense mesquite brush.
- 16.00 Road, brs. from SW. to NE.
- 20.00 Set an iron post for 1/16 sec. cor. No. 2, bet. secs. 4
and 33 (W $\frac{1}{2}$) with cap stamped

North Boundary of T. 4 S., R. 6 E.

Chains	
	<p>1/16 S 33 in N. half S 4 No 2 1911 in S. half</p> <p>Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high, N. of cor.</p>
22.10	Wire fence, brs. NE. and SW.
22.20	Leave dense thicket, brs. N. and S. Enter open brush.
28.50	Wire fence, brs. NE. and SW.
35.10	Wire fence, brs. NE. and SW. Also Indian cabin, brs. N., 4.00 chs. dist.
39.90	Wire fence, brs. NW. and SE.
40.00	Set an iron post for 1/4 sec. cor. bet. secs. 4 and 33, with cap stamped
	<p>1/4 S 33 in N. half S 4 1911 in S. half</p> <p>Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high, N. of cor.</p> <p>Cor. falls in middle of road, bearing from N. to SE.</p>
41.70	Intersection of roads, from N. 30° W. to S. and S. 30° E.
45.30	Wire fence, brs. NW. and SE. Enter cultivated field.
49.00	Indian cabin, brs. N., 4.00 chs. dist.
50.15	Wire fence, brs. N. 30° E. and S. 30° W.
53.80	Wire fence, brs. NE. and SW. Leave cultivated field. Enter village of Santan.
56.00	Indian cabin, brs. N., 15 lks. dist.
57.80	Wire fence, brs. N. 60° E. and S. 60° W.
58.75	Lateral ditch, brs. S. 30° W. and N. 30° E.
59.90	Lateral ditch, brs. N. 60° W. and S. 60° E.
60.00	Set an iron post for 1/16 sec. cor. No. 1, bet. secs. 4 and 33 (W 1/4), with cap stamped
	<p>1/16 S 33 in N. half S 4 No 1 1911 in S. half</p> <p>Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high, N. of cor.</p>
60.05	Santan general store, brs. N. 33° W., 12 chs. dist. Indian cabin, No. 1, brs. N., 60 lks. dist. " " " 2, " N. 15° W., 6 chs. dist. " " " 3, " N. 25° E., 8 chs. dist. " " " 4, " N. 5° W., 6 chs. dist.
61.80	Wire fence, brs. N. 30° E. and S. 30° W.
66.50	Cabin, brs. S., 1.00 ch. dist.
68.00	Road, brs. N. 60° W. and S. 60° E.

North Boundary of T. 4 S., R. 6 E.

Chains

70.00 Road, brs. N. 60° W. and S. 60° E. on bank of main canal.

74.00 North bank of main irrigation canal, brs. N. 30° W. and S. 30° E.

80.00 Set an iron post for the cor. of secs. 3, 4, 33 and 34, with cap stamped

T 3 S S 34 in NE. quadrant
R 6 E S 3 in SE. "
T 4 S S 4 in SW. "
S 33 in NW. "
1911 in S.
3 notches on E. and W. edges

Build a mound of stone 2 ft. base, 1½ ft. high, W. of cor.

Land, level and irrigable. 23.20 chs. cultivated.
Soil, sandy loam, 1st rate.
Open and dense brush and village of Santan, 38.60 chs.

S. 89° 56' E. on a true line bet. secs. 3 and 34.

Over level land, through village of Santan.

1.73 Intersect U. S. R. S. transmission line, brs. N. 60° W. and S. 60° E.

1.75 Road, brs. NW. and SE.

6.75 Indian cabin, brs. S., 30 lks. dist.

7.00 Indian stock corral (square.

8.50 Indian cabin, brs. S., 1.00 ch. dist.

10.50 Indian cabin, brs. N., 3.00 chs. dist.

16.00 Main road, brs. NW. and SE.
Wooden wagon bridge on same road, brs. SE., 4.00 chs. dist.
Road, brs. E. and W., intersects at bridge, and small store brs. N., 150 lks. dist.

17.00 Road, brs. N. and S.

19.00 Road, brs. N. and S.

20.00 Set an iron post for 1/16 sec. cor. No. 2, bet. secs. 3 and 34 (W_g), with cap stamped

1/16 S 34 in N. half
S 3 No 2 1911 in S. half

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; andraise a mound of earth 3½ ft. base, 1½ ft. high, N. of cor.

21.00 Road, brs. N. and S.

26.00 Road, brs. NE. and SW.

29.00 Intersect North bank of main irrigation canal bearing N. 85° E. and E.

33.10 South bank of main irrigation canal, brs. N. 85° E. and E.

North Boundary of T. 4 S., R. 6 E.

Chains	
33.30	Middle of road on S. bank of main irrigation canal brs. N. 85° E. and E.
33.77	Concrete U. S. R. S. well brs. S. 50° 15' W., 5.00 chs. dist.
40.00	Set an iron post for $\frac{1}{4}$ sec. cor. bet. secs. 3 and 34, with cap stamped $\frac{1}{4}$ S 34 in N. half S 3 1911 in S. half Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, N. of cor.
44.00	Road, brs. N. 80° W. and S. 60° E.
45.00	Intersect S. bank of main irrigation canal, brs. N. 80° W. and S. 80° E.
47.23	Intersect N. bank of main irrigation canal, brs. N. 80° W. and S. 80° E.
50.00	Road, brs. parallel to main irrigation canal.
56.00	Bridge over main irrigation canal brs. S. 15° W., 3.00 chs. Indian cabin, brs. S., 2.00 chs. dist.
57.00	Indian stock corral, on line.
57.50	Leave village of Santan and enter sage brush.
60.00	Set an iron post for $\frac{1}{16}$ sec. cor. No. 1, bet. secs. 3 and 34 (W. $\frac{1}{4}$) with cap stamped $\frac{1}{16}$ S 34 in N. half S 3 No 1 1911 in S. half Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, N. of cor.
60.30	Road, brs. N. 60° W. and S. 60° E.
66.10	Road, brs. from SE. to N. 30° W.
80.00	Set an iron post for the cor. of secs. 2, 3, 34 and 35, with cap stamped T 3 S S 35 in NE. quadrant R 6 E S 2 in SE. " T 4 S S 3 in SW. " S 34 in NW. " 1911 in S, 2 notches on E. and 4 notches on W. edge Dig pits 18x18x12 ins. in each sec. $5\frac{1}{2}$ ft. dist.; and raise a mound of earth 4 ft. base, 2 ft. high, W. of cor. Land, level and irrigable. Soil, sandy loam, 1st rate. Open and dense brush of mesquite, sage, chaparral and greasewood.

	S. 89° 56' E. on a true line bet. secs. 2 and 35.

North Boundary of T. 4 S., R. 6 E.

Chains

Over broken, mountainous land, through scattered brush.

2.00 Enter greasewood and mesquite thicket, on slope of mountain, 2.00 chs. in width.

11.51 Wash, course NW.

40.00 Set an iron post for 1/4 sec. cor. bet. secs. 2 and 35, with cap stamped

1/4 S 35 in N. half
S 2 1911 in S. half

Build a mound of stone 2 ft. base, 1 1/2 ft. high, N. of cor.

42.50 Wash, course SW.

46.20 Same wash, course from S. 80° E. to N. 80° W.

54.20 Same wash, course from NE. to SW.
Begin ascent of West slope of high ridge.

80.00 Set an iron post for the cor. of secs. 1, 2, 35 and 36, with cap stamped

T 3 S S 36 in NE. quadrant
R 6 E S 1 in SE. "
T 4 S S 2 in SW. "
S 35 in NW. "
1911 in S.

1 notch on E. and 5 notches on W. edge

Build a mound of stone 2 ft. base, 1 1/2 ft. high, W. of cor.

Land, broken and mountainous.
Soil, sandy and stony, 3rd rate.
Open and dense brush of sage, greasewood, palo verde, palo fierro, mesquite and chaparral, full distance.

S. 89° 56' E. on a true line bet. secs. 1 and 36.

Over broken and mountainous land, through open brush, ascending.

4.00 Summit of high ridge, brs. N. and S.

5.00 Begin descent of East slope.

6.00 Slope swings SE.; descend same.

20.35 Foot of descent, brs. N. and S.
Thence ascend high ridge.

28.35 High ridge, brs. N. and S.
Thence line bears along S. slope.

40.00 Set an iron post for the 1/4 sec. cor. bet. secs. 1 and 36, with cap stamped

1/4 S 36 in N. half
S 1 1911 in S. half

Build a mound of stone 2 ft. base, 1 1/2 ft. high, N. of cor.

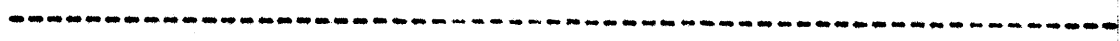
North Boundary of T. 4 S., R. 6 E.

Chains

- 46.00 Begin descent of NE. slope.
- 62.00 Foot of descent. Thence across level land.
- 68.00 Enter deep wash, course SW.
- 70.00 Leave deep wash, course SW.
- 70.70 Road, brs. N. and SW.
Thence ascend SW. slope.
- 76.00 Summit of ridge, brs. NW. and SE.
Thence descend.
- 80.00 The cor. of Tps. 3 and 4 S., Rgs. 6 and 7 E., which is
also an angle point on the Reservation bdy., heretofore
described.

Land, broken and mountainous.
Soil, stony, 3rd rate.
Open brush of chaparral, palo verde, palo fierro, and
cactus, full distance.

Jan. 9, 1911.



Resurvey of
West Boundary of T. 5 S., R. 6 E.

Chains

Surveyed by Guy P. Harrington, U. S. Surveyor.

The iron posts used in this survey, unless otherwise described, are 3 ft. long, 1 inch in dia., and are set 26 ins. in the ground.

Jan. 16, 1911.

~~The south boundary of the Gila River Indian Reservation through R. 6 E. is described as running along the subdivision lines, two miles south of the North boundary of T. 5 S., R. 6 E. The original survey of this township was made in 1868. I spend several days in search of subdivision corners in this township to enable me to determine the reservation boundary in its original position. The only corners I am able to find are on the 1st Standard Parallel S., which forms the S. bdy. of the township. This Standard Parallel was resurveyed in 1885, and I find corners in good state of preservation.~~

The south boundary of the reservation should be 4 miles North of the 1st Standard Parallel S.

Jan. 16, 1911. At 9 a.m., l.m.t., I set off 32° 57' on the lat. arc, 21° 02' S. on the decl. arc, and determine a meridian with the solar, at the S.C. of Tps. 5 S., Rgs. 5 and 6 E., on the 1st Standard Parallel S., which is a decayed mesquite post 4 ins. sq., 12 ins. above ground, mkd. S.C. on N., R. 5 E. on W.; the other markings have been obliterated by the decay of the post; no evidence of old pits, but slight evidence of an old mound around post.

Thence I run

North on a true blank line, over public land.

320.00 ~~Set an iron post for a point on the Reservation bdy. bet. Rgs. 5 and 6 E., unmarked, in the position for a cor. of secs. 13 and 18.~~

From the cor. of Tps. 4 and 5 S., Rgs. 5 and 6 E., previously described, I run

South on a true line bet. secs. 1 and 6.

Over broken land, through scattered brush

40.00 Set an iron post for 1/4 sec. cor. bet. secs. 1 and 6, with cap stamped

1/4 S 1 in W. half
S 6 in E. half
1911 in S., from which

A palo verde 6 ins. dia. brs. S.40°30'W., 224 lks.dist.
Mkd. 1/4 S 1 B T.

A palo verde 6 ins. dia. brs. N.76°15'E., 171 lks.dist.
Mkd. 1/4 S 6 B T.

Dig pits 18x18x12 ins. N. and S. of post 3 ft. dist.; and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high, W. of cor.

71.00 Ridge, brs. E. and W.

Resurvey of
West Boundary of T. 5 S., R. 6 E.

Chains

80.00 Set an iron post for the cor. of secs. 1, 6, 7 and 12,
with cap stamped

T 5 S S 6 in NE. quadrant
R 6 E S 7 in SE. "
S 12 in SW. "
R 5 E S 1 in NW. "
1911 in S.
5 notches on S. and 1 notch on N. edge,

from which

A palo verde 5 ins. dia. brs. S. 23° W., 265 lks. dist.
Mkd. T 5 S R 5 E S 12 B T.

A palo verde 8 ins. dia. brs. N. 48° E., 226 lks. dist.
Mkd. T 5 S R 6 E S 6 B T.

Dig pits 18x18x12 ins. in each sec. 5½ ft. dist.; and
raise a mound of earth 4 ft. base, 2 ft. high, W. of
cor.

Land, broken and mountainous.
Soil, stony, 2nd rate,
Scattered brush of palo verde, chaparral and greasewood,
80.00 chs.

South on a true line bet. secs. 7 and 12.

Over broken land, through brush.

9.20 Wash, course N. 75° E.

40.00 Set an iron post for ¼ sec. cor. bet. secs. 7 and 12,
with cap stamped

¼ S 12 in W. half
S 7 in E. half
1911 in S., from which

A palo verde 8 ins. dia. brs. N. 19° 15' E., 329 lks. dist.
Mkd. ¼ S 7 B T.

Dig pits 18x18x12 ins. N. and S. of post 3 ft. dist.;
and raise a mound of earth 3½ ft. base, 1½ ft. high,
W. of cor.

80.00 Set an iron post for ¼ sec. cor. bet. secs. 7 and 12,
with cap stamped

¼ S 12 in W. half
S 7 in E. half
1911 in S., from which

A palo verde 6 ins. dia. brs. N. 8° 45' W., 73 lks. dist.
Mkd. ¼ S 12 B T.

Dig pits 18x18x12 ins. N. and S. of post 3 ft. dist.;
and raise a mound of earth 3½ ft. base, 1½ ft. high,
W. of cor.

108.97 The cor. to secs. 7 and 12 on the South Bdy., of the Gila
River Indian Reservation, described in Book E Pg. 6, under Grp. 98.

~~Set an iron post for the cor. of secs. 7 and 12, on the
S. bdy. of the Gila River Indian Reservation, with cap
stamped~~

Resurvey of
West Boundary of T. 5 S., R. 6 E.

Chains

G R I R in N.
T 5 S R 6 E S 7 in NE.
R 5 E S 12 in NW.
1911 in S., from which

A palo verde 6 ins. dia. bro. N. 87° 15' E., 330 lks. dist.
Mkd. T 5 S R 6 E S 7 B T.
A palo verde 6 ins. dia. bro. N. 60° W., 54 lks. dist.
Mkd. T 5 S R 5 E S 12 B T.

Land, broken mountainous.
Soil, stony, 3rd rate.
Dense brush of palo verde, chaparral and greasewood,
108.20 chs.

Resurvey of

South Boundary of the Gila River Indian Reservation

in T. 5 S., R. 6 E.

Chains

~~Surveyed by Guy F. Harrington, U. S. Surveyor.~~

The iron posts used in this survey unless otherwise described are 3 ft. long, 1 inch in dia., and are set 26 ins. in the ground.

Jan. 18, 1911.

From the cor. of secs. 7 and 12, on the W. bdy. of T. 5 S., R. 6 E., on the S. bdy. of the Gila River Indian Reservation, formerly established by me on Jan. 17, I run

East on a random line along the S. bdy. of the reservation in T. 5 S., R. 6 E., setting temp. corners at intervals of 40.00 chs., and at 7 miles and 32.05 chs., fall 52 lks. S. of the $\frac{1}{4}$ sec. cor. bet. secs. 8 and 17, in T. 5 S., R. 7 E., which is a granite stone 6x4x6 ins. above ground, mkd. $\frac{1}{4}$ on N. face, and witnessed by pits and mound.

Thence from the cor. of Tps. 4 and 5 S., Rgs. 6 and 7 E., I run

South on a random line bet. Rgs. 6 and 7 E., T. 5 S., setting temp. cors. at intervals of 40.00 chs., and at 2 miles and 28.82 chs., fall 24 lks. W. of temp. cor. of secs. 7 and 12, set on random line of S. bdy. of the reservation. This temp. cor. of secs. 7 and 12 should be moved 42 lks. N. to be on the true line. This gives a length of 108.40 chs. for the line bet. secs. 7 and 12, and 79.76 chs. for the S. bdy. of sec. 7, T. 5 S., R. 6 E.

Returning to the cor. of secs. 7 and 12, on the W. bdy. of T. 5 S., R. 6 E., on the S. bdy. of the Gila River Indian Reservation, thence I run

N. 89° 57' E. on a true line along the S. bdy. of sec. 7, which is the S. bdy. of the Gila River Indian Reservation.

Over broken land, through scattered brush.

39.76 Set an iron post for the $\frac{1}{4}$ sec. cor. of sec. 7, with cap stamped

$\frac{1}{4}$ S 7 G R I R on N.
P L 1911 in S.

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise a mound of earth 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, N. of cor.

79.76 Set an iron post for the cor. of secs. 7 and 8, with cap stamped

T 5 S S 8 in NE. quadrant
R 6 E S 7 in NW. "
G R I R in N.
P L 1911 in S.

~~1 notch on W. and 5 notches on E. edge~~

Resurvey of
South Boundary of the Gila River Indian Reservation
in T. 5 S., R. 6 E.

Chains

~~Dig pits 24x24x12 ins. in each sec., 6 ft. dist.; and raise a mound of earth 4 ft. base, 2 ft. high, N. of cor.~~

Land, broken.
Soil, stony, 2nd rate.
Scattered brush of palo verde and greasewood.

Jan. 18, 1911. At the cor. of secs. 7 and 8, on S. bdy. of reservation, at 9 a.m., l.m.t., I set off $33^{\circ} 02'$ on the lat. arc, and $20^{\circ} 39'$ S. on the decl. arc, and determine a meridian with the solar.

Thence I run

N. $89^{\circ} 57'$ E. on a true line along the S. bdy. of sec. 8, which is also the S. bdy. of the Gila River Indian Reservation.

Over gradual S. slope, through brush.

40.00 Set an iron post for $\frac{1}{4}$ sec. cor. on S. bdy. of sec. 8, with cap stamped

$\frac{1}{4}$ S 8 G R I R on N.
P L 1911 on S.

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, N. of cor.

76.00 Road, brs. S. 55° W. and N. 55° E.

80.00 Set an iron post for the cor. of secs. 8 and 9, with cap stamped

T 5 S S 9 in NE. quadrant
R 6 E S 8 in NW. "
G R I R in N.
P L 1911 in S.

2 notches on W. and 4 notches on E. edge,

from which

A palo verde 6 ins. dia. brs. S. $41^{\circ} 15'$ E., 109 lks. dist.
Mkd. T 5 S R 6 E S 16 B T.

Dig pits 24x24x12 ins. in each sec., 6 ft. dist.; and raise a mound of earth 4 ft. base, 2 ft. high, N. of cor.

Land, gently rolling.
Soil, stony, 2nd rate.
Dense brush of greasewood and palo verde.

N. $89^{\circ} 57'$ E. on a true line along the S. bdy. of sec. 9, which is also the S. bdy. of the Gila River Indian Reservation.

Over gently sloping land, through brush.

24.50 Casa Grande & Sacaton road, brs. N. and S.

~~40.00 Set an iron post for the $\frac{1}{4}$ sec. cor. on the S. bdy. of sec. 9, with cap stamped~~

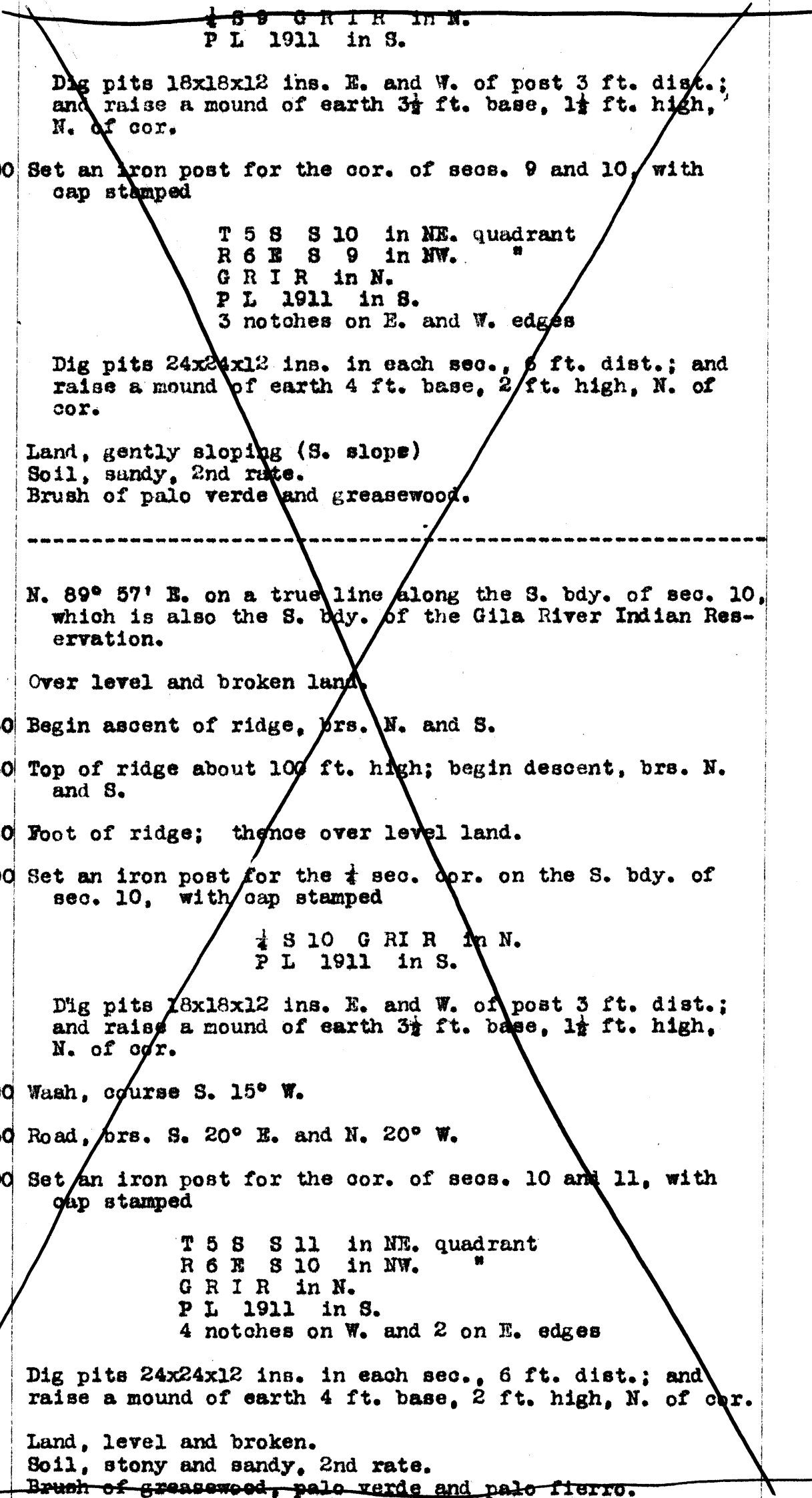
Resurvey of

BOOK 2873

South Boundary of the Gila River Indian Reservation

in T. 5 S., R. 6 E.

Chains



Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.;
and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high,
N. of cor.

80.00 Set an iron post for the cor. of secs. 9 and 10, with
cap stamped

T 5 S S 10 in NE. quadrant
R 6 E S 9 in NW. "
G R I R in N.
P L 1911 in S.
3 notches on E. and W. edges

Dig pits 24x24x12 ins. in each sec., 6 ft. dist.; and
raise a mound of earth 4 ft. base, 2 ft. high, N. of
cor.

Land, gently sloping (S. slope)
Soil, sandy, 2nd rate.
Brush of palo verde and greasewood.

N. 89° 57' E. on a true line along the S. bdy. of sec. 10,
which is also the S. bdy. of the Gila River Indian Res-
ervation.

Over level and broken land.

7.50 Begin ascent of ridge, brs. N. and S.

9.50 Top of ridge about 100 ft. high; begin descent, brs. N.
and S.

12.50 Foot of ridge; thence over level land.

40.00 Set an iron post for the 1/4 sec. cor. on the S. bdy. of
sec. 10, with cap stamped

1/4 S 10 G R I R in N.
P L 1911 in S.

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.;
and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high,
N. of cor.

46.00 Wash, course S. 15° W.

64.30 Road, brs. S. 20° E. and N. 20° W.

80.00 Set an iron post for the cor. of secs. 10 and 11, with
cap stamped

T 5 S S 11 in NE. quadrant
R 6 E S 10 in NW. "
G R I R in N.
P L 1911 in S.
4 notches on W. and 2 on E. edges

Dig pits 24x24x12 ins. in each sec., 6 ft. dist.; and
raise a mound of earth 4 ft. base, 2 ft. high, N. of cor.

Land, level and broken.
Soil, stony and sandy, 2nd rate.
Brush of greasewood, palo verde and palo fierro.

Resurvey of
South Boundary of the Gila River Indian Reservation
in T. 5 S., R. 6 E.

Chains

~~N. 89° 57' E. on a true line along the S. bdy. of sec. 11,
which is also the S. bdy. of the Gila River Indian Res-
ervation.~~

~~Over broken land, through brush.~~

~~11.75 Road, brs. S. 50° E. and N. 50° W.~~

~~25.00 Wash, course S. 30° W.~~

~~35.50 Wash, course S. 45° W.~~

~~39.70 Road, brs. S. 80° W. and N. 80° E.~~

~~40.00 Set an iron post for $\frac{1}{4}$ sec. cor. on the S. bdy. of sec. 11,
with cap stamped~~

~~$\frac{1}{4}$ S 11 G R I R in N.
P L 1911 in S.~~

~~Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.;
and raise a mound of earth 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high,
N. of cor.~~

~~60.70 Wash, course S. 20° W.~~

~~73.50 Wash, course S. 45° W.~~

~~80.00 Set an iron post for cor. of secs. 11 and 12, with cap
stamped~~

~~T 5 S S 12 in NE. quadrant
R 6 E S 11 in NW. "
G R I R in N.
P L 1911 in S.
1 notch on E. and 5 notches on W. edge~~

~~Dig pits 24x24x12 ins. in each sec., 6 ft. dist.; and
raise a mound of earth 4 ft. base, 2 ft. high, N. of
cor.~~

~~Land, broken.
Soil, sandy, 3rd rate.
Brush, greasewood and palo verde.~~

~~N. 89° 57' E. on a true line along the S. bdy. of sec. 12,
which is also the ~~the~~ S. bdy. of the Gila River Indian
Reservation.~~

~~Over broken land, through scattered brush.~~

~~2.00 Wash, course S. 10° W.~~

~~6.80 Road, brs. N. 35° E. and S. 35° W.~~

~~28.30 Road, brs. N. 5° W. and S.~~

~~30.00 Wash, course S. 10° W.~~

~~40.00 Set an iron post for $\frac{1}{4}$ sec. cor. on the S. bdy. of sec. 12,
with cap stamped~~

~~$\frac{1}{4}$ S 12 G R I R in N.
P L 1911 in S.~~

~~Dig pits 18x18x12 ins. E. and W. of post 3ft. dist.;
and raise a mound of earth 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high,
N. of cor.~~

Resurvey of

South Boundary of the Gila River Indian Reservation

in T. 5 S., R. 6 E.

Chains

62.00 Rocky wash, course S. 15° W.

68.50 Rocky ridge, brs. N. and S.

80.00 Set an iron post for the cor. of secs. 7 and 12, T. 5 S.,
bet. Rgs. 6 and 7 E., on the S. bdy. of the Gila River
Indian Reservation, (which is at the intersection of
the range line from the North) with cap stamped

T 5 S R 7 E S 7 in NE,
R 6 E S 12 in NW.

GR I R in N.

P L 1911 in S.

6 notches on E. and W. edges

Build a mound of stone 2 ft. base, 1 1/2 ft. high, N. of
cor.

Land, broken and mountainous.

Soil, stony, 3rd rate.

Scattered brush of palo verde, palo fierro and greasewood.

Jan. 18, 1911.

West Boundary of T. 5 S., R. 7 E.

Chains

Surveyed by Guy P. Harrington, U. S. Surveyor.

The iron posts used in this survey, unless otherwise described, are 3 ft. long, 1 inch in diameter, and are set 26 ins. in the ground.

Jan. 18, 1911.

From the cor. of Tps. 4 and 5 S., Rgs. 6 and 7 E., previously described, I run

South on a true line bet. secs. 1 and 6.

(For random line of this boundary, see field notes of the south boundary of the Gila River Indian Reservation in T. 5 S., R. 6 E.)

Ascending rocky North slope.

21.50 Small wash, course N. 10° E.

40.00 Set an iron post for $\frac{1}{4}$ sec. cor. bet. secs. 1 and 6, with cap stamped

$\frac{1}{4}$ S 1 in W. half
S 6 in E. half
1911 in S.

Dig pits 18x18x12 ins. N. and S. of post 3 ft. dist.; and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, W. of cor.

42.20 Wash, course N. 20° E.

52.00 Begin broken ascent of mountain, brs. E. and W.

60.00 Rocky wash, course N. 70° E.

78.25 Top of broken ascent; thence descend broken S. slope of mountain.

80.00 Set an iron post for the cor. of secs. 1, 6, 7 and 12, with cap stamped

T 5 S S 6 in NE. quadrant
R 7 E S 7 in SE. "
S 12 in SW. "
R 6 E S 1 in NW. "
1911 in S.

1 notch on N. and 5 notches on S. edge

Build a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor.

Land, broken and mountainous.
Soil, stony, 3rd rate.

South bet. secs. 7 and 12.

Continuing broken descent.

18.20 Foot of descent. Wash, course N. 70° E.

West Boundary of T. 5 S., R. 7 E.

Chains

- 23.00 Road, brs. N. 80° E. and S. 80° W.
- 36.00 Begin precipitous and broken ascent, brs. NE. and SW.
- 40.00 Set an iron post for $\frac{1}{4}$ sec. cor. bet. secs. 7 and 12,
with cap stamped

 $\frac{1}{4}$ S 12 in W. half
S 7 in E. half
1911 in S.

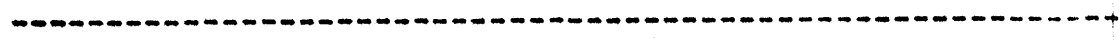
Build a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor.
- 58.00 Top of steep ascent of spur, brs. NW. and SE.
Thence descend.
- 62.00 Gulch, course W.
Thence precipitous ascent.
- 74.60 Top of spur, brs. NE. and SW.
Thence descend.
- 80.00 Set an iron post for $\frac{1}{4}$ sec. cor. bet. secs. 7 and 12,
with cap stamped

 $\frac{1}{4}$ S 12 in W. half
S 7 in E. half
1911 in S.

Build a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor.
- 92.00 Foot of steep descent; thence over broken land.
- 93.50 Wash, course N. 10° W.
- 110.23 The cor. of secs. 7 and 12, described in Book "E" Pg. 20,
under Grp. 98.

Land, broken and mountainous.
Soil, stony, 3rd rate.
Scattered greasewood brush.

Jan. 18, 1911.



Resurvey of

North Boundary of T. 4 S., R. 5 E.

Chains

Surveyed by Guy P. Harrington, U. S. Surveyor.

The iron posts used in this survey, unless otherwise described, are 3 ft. long, 1 inch in dia., and are set 26 ins. in the ground.

Jan. 27, 1911. At 10 a.m., l.m.t., I set off 33° 07' on the lat. arc, 18° 36' S. on the decl. arc, and determine a meridian with the solar, at the true point for the cor. of Tps. 3 and 4 S., Rgs. 5 and 6 E., in bed of Gila River.

Thence I run

West on a true line bet. secs. 1 and 36.

Over river bed.

20.00 Point for 1/16 sec. cor. No. 1, bet. secs. 1 and 36 (E 1/2), falls in river bed.

40.00 Point for 1/4 sec. cor., falls in river bed.

60.00 Point for 1/16 sec. cor. No. 2, bet. secs. 1 and 36 (W 1/2), falls in river bed.

68.00 Left bank of Gila River, course NW. Set an iron post for M.C. bet. secs. 1 and 36, with cap stamped

M C in E.
T 3 S R 5 E S 36 in NW.
T 4 S S 1 in SW.
1911 in S.
6 notches on N. and S. edges

Dig a pit 36x36x12 ins. 8 ft. W. of post; and raise a mound of earth 4 ft. base. 2 ft. high, W. of cor.

Leave river bed; enter brush. Thence over level land.

80.00 Set an iron post for the cor. of secs. 1, 2, 35 and 36, with cap stamped

T 3 S S 36 in NE. quadrant
R 5 E S 1 in SE. "
T 4 S S 2 in SW. "
S 35 in NW. "
1911 in S.
1 notch on E. and 5 notches on W. edge,

from which

- A mesquite 8 ins. dia. brs. S.24°15'W., 128 lks. dist.
Mkd. T 4 S R 5 E S 2 B T.
- A mesquite 10 ins. dia. brs. S.10°45'E., 290 lks. dist.
Mkd. T 4 S R 5 E S 1 B T.
- A mesquite 8 ins. dia. brs. N.47°W., 127 lks. dist.
Mkd. T 3 S R 5 E S 35 B T.

Dig pits 18x18x12 ins. in each sec. 5 1/2 ft. dist.; and raise a mound of earth 4 ft. base, 2 ft. high, W. of cor.

Land, level and irrigable. 68.00 chs. river bed.
Soil, sandy loam, 1st rate, and river silt.
Open brush of sage, mesquite, greasewood and chaparral.

Resurvey of
North Boundary of T. 4 S., R. 5 E.

Chains

West on a true line bet. secs. 2 and 35.

Over level land, through dense brush.

17.25 Little Gila River, course N. 45° W., 50 lks. wide.

20.00 Set an iron post for 1/16 sec. cor. No. 1, bet. secs. 2 and 35 (E $\frac{1}{2}$), with cap stamped

1/16 S 35 in N. half
S 2 No 1 1911 in S. half, from which

A mesquite 8 ins. dia. brs. N. 51 $\frac{1}{2}$ ° W., 89 lks. dist.
Mkd. 1/16 S 35 B T.

A mesquite 6 ins. dia. brs. S. 12° W., 124 lks. dist.
Mkd. 1/16 S 2 B T.

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.;
and raise a mound of earth 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high,
N. of cor.

40.00 Set an iron post for $\frac{1}{4}$ sec. cor. bet. secs. 2 and 35,
with cap stamped

$\frac{1}{4}$ S 35 in N. half
S 2 1911 in S. half, from which

A mesquite 8 ins. dia. brs. S. 31° W., 77 lks. dist.
Mkd. $\frac{1}{4}$ S 2 B T.

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.;
and raise a mound of earth 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high,
N. of cor.

41.00 Lateral ditch, brs. N. 45° W. and S. 45° E.

60.00 Set an iron post for 1/16 sec. cor. No. 2, bet. secs. 2 and 35 (W $\frac{1}{2}$), with cap stamped

1/16 S 35 in N. half
S 2 No 2 1911 in S. half, from which

A mesquite 8 ins. dia. brs. N. 6 $\frac{1}{2}$ ° E., 118 lks. dist.
Mkd. 1/16 S 35 B T.

Dig pits 18x18x12 ins. E. and W. of post, 3 ft. dist.;
and raise a mound of earth 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high,
N. of cor.

72.25 Road, brs. N. 55° W. and S. 55° E.

80.00 Set an iron post for the cor. of secs. 2, 3, 34 and 35,
with cap stamped

T 3 S S 35 in NE. quadrant
R 5 E S 2 in SE. "
T 4 S S 3 in SW. "
S 34 in NW. "

1911 in S.

2 notches on E. and 4 notches on W. edge,

from which

A mesquite 6 ins. dia. brs. N. 60 $\frac{1}{2}$ ° W., 156 lks. dist.
Mkd. T 3 S R 5 E S 34 B T.

Dig pits 18x18x12 ins. in each sec. 5 $\frac{1}{2}$ ft. dist.; and
raise a mound of earth 4 ft. base, 2 ft. high, W. of cor.

Resurvey of
North Boundary of T. 4 S., R. 5 E.

Chains

Land, level.
Soil, sandy loam, 1st rate.
Dense brush of sage, mesquite, chaparral, and greasewood,
full distance.

West on a true line bet. secs. 3 and 34.
Over level land, through dense brush.

- 8.25 Road, brs. N. 45° W. and S. 45° E.
- 10.40 Road, brs. N. 45° W. and S. 45° E.
- 20.00 Set an iron post for the 1/16 sec. cor. No. 1, bet. secs. 3 and 34 (E $\frac{1}{2}$), with cap stamped

1/16 S 34 in N. half
S 3 No 1 1911 in S. half, from which

A mesquite 6 ins. dia. brs. S. 58 $\frac{1}{4}$ ° E., 126 lks. dist.
Mkd. 1/16 S 3 B T.
A mesquite 10 ins. dia. brs. N. 5 $\frac{1}{4}$ ° W., 134 lks. dist.
Mkd. 1/16 S 34 B T.

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.;
and raise a mound of earth 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high,
N. of cor.

- 40.00 Set an iron post for the $\frac{1}{4}$ sec. cor. bet. secs. 3 and 34, with cap stamped

$\frac{1}{4}$ S 34 in N. half
S 3 1911 in S. half, from which

A mesquite 8 ins. dia. brs. N. 20° E., 153 lks. dist.
Mkd. $\frac{1}{4}$ S 34 B T.

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.;
and raise a mound of earth 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high,
N. of cor.

- 60.00 Set an iron post for 1/16 sec. cor. No. 2, bet. secs. 3 and 34 (W $\frac{1}{2}$), with cap stamped

1/16 S 34 in N. half
S 3 No 2 1911 in S. half

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.;
and raise a mound of earth 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high,
N. of cor.

- 71.00 Road, brs. N. 40° W. and S. 40° E.
- 78.00 Road, brs. N. 40° W. and S. 40° E.

- 80.00 Set an iron post for the cor. of secs. 3, 4, 33 and 34, with cap stamped

T 3 S S 34 in NE. quadrant
R 5 E S 3 in SE. "
T 4 S S 4 in SW. "
S 33 in NW. "
1911 in S.

3 notches on E. and W. edges, from which

A mesquite 6 ins. dia. brs. S. 73° W., 298 lks. dist.
Mkd. T 4 S R 5 E S 4 B T.

Resurvey of

North Boundary of T. 4 S., R. 5 E.

Chains

Dig pits 18x18x12 ins. in each sec. $5\frac{1}{2}$ ft. dist.; and raise a mound of earth 4 ft. base, 2 ft. high, W. of cor.

Land, level.

Soil, sandy loam, 1st rate.

Dense brush of sage, chaparral, mesquite and greasewood, full distance.

West on a true line bet. secs. 4 and 33.

Over level land, through dense brush.

20.00 Set an iron post for $\frac{1}{16}$ sec. cor. No. 1, bet. secs. 4 and 33 ($E\frac{1}{2}$), with cap stamped

$\frac{1}{16}$ S 33 in N. half

S 4 No 1 1911 in S. half, from which

A mesquite 6 ins. dia. brs. N. $39\frac{1}{4}^\circ$ W., 131 lks. dist.
Mkd. $\frac{1}{16}$ S 33 B T.

A mesquite 6 ins. dia. brs. S. 79° W., 239 lks. dist.
Mkd. $\frac{1}{16}$ S 4 B T.

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, N. of cor.

25.50 Road, brs. N. 20° E. and S. 20° W.

28.00 Road, brs. N. 75° E. and S. 75° W.

30.25 Road, brs. N. 30° W. and S. 30° E.

40.00 Set an iron post for $\frac{1}{4}$ sec. cor. bet. secs. 4 and 33, with cap stamped

$\frac{1}{4}$ S 33 in N. half

S 4 1911 in S. half, from which

A mesquite 8 ins. dia. brs. S. $47\frac{1}{4}^\circ$ E., 123 lks. dist.
Mkd. $\frac{1}{4}$ S 4 B T.

A mesquite 6 ins. dia. brs. N. $49\frac{1}{4}^\circ$ W., 157 lks. dist.
Mkd. $\frac{1}{4}$ S 33 B T.

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, N. of cor.

60.00 Set an iron post for $\frac{1}{16}$ sec. cor. No. 2, bet. secs. 4 and 33 ($W\frac{1}{2}$), with cap stamped

$\frac{1}{16}$ S 33 in N. half

S 4 No 2 1911 in S. half, from which

A mesquite 8 ins. dia. brs. N. $48\frac{1}{4}^\circ$ E., 104 lks. dist.
Mkd. $\frac{1}{16}$ S 33 B T.

A mesquite 6 ins. dia. brs. S. $29\frac{1}{4}^\circ$ W., 52 lks. dist.
Mkd. $\frac{1}{16}$ S 4 B T.

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, N. of cor.

80.00 Set an iron post for the cor. of secs. 4, 5, 32 and 33, with cap stamped

Resurvey of

North Boundary of T. 4 S., R. 5 E.

Chains

T 3 S S 33 in NE. quadrant
 R 5 E S 4 in SE. "
 T 4 S S 5 in SW. "
 S 32 in NW. "

1911 in S.
 4 notches on E. and 2 notches on W. edge,

from which

A mesquite 6 ins. dia. brs. N. 44 $\frac{1}{2}$ $^{\circ}$ W., 209 lks. dist.
 Mkd. T 3 S R 5 E S 32 B T.

A mesquite 6 ins. dia. brs. S. 38 $\frac{1}{2}$ $^{\circ}$ E., 63 lks. dist.
 Mkd. T 4 S R 5 E S 4 B T.

Dig pits 18x18x12 ins. in each sec., 5 $\frac{1}{2}$ ft. dist.; and
 raise a mound of earth 4 ft. base, 2 ft. high, W. of
 cor.

Land, level.
 Soil, sandy loam, 1st rate.
 Dense brush of sage, chaparral, mesquite and greasewood,
 full distance.

 West on a true line bet. secs. 5 and 32.

Over level land, through open brush.

20.00 Set an iron post for 1/16 sec. cor. No. 1, bet. secs. 5
 and 32 (E $\frac{1}{2}$), with cap stamped

1/16 S 32 in N. half
 S 5 No 1 1911 in S. half

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.;
 and raise a mound of earth 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high,
 N. of cor.

40.00 Set an iron post for $\frac{1}{4}$ sec. cor. bet. secs. 5 and 32, with
 cap stamped

$\frac{1}{4}$ S 32 in N. half
 S 5 1911 in S. half

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.;
 and raise a mound of earth 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high,
 N. of cor.

46.00 Road, brs. N. 30 $^{\circ}$ W. and S. 30 $^{\circ}$ E.

60.00 Set an iron post for 1/16 sec. cor. No. 2, bet. secs. 5
 and 32 (W $\frac{1}{2}$), with cap stamped

1/16 S 32 in N. half
 S 5 No 2 1911 in S. half

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.;
 and raise a mound of earth 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high,
 N. of cor.

80.00 Set an iron post for the cor. of secs. 5, 6, 31 and 32,
 with cap stamped

T 3 S S 32 in NE. quadrant
 R 5 E S 5 in SE. "
 T 4 S S 6 in SW. "
 S 31 in NW. "

1911 in S.
 5 notches on E. and 1 notch on W. edge

Resurvey of

North Boundary of T. 4 S., R. 5 E.

Chains	
	<p>Dig pits 18x18x12 ins. in each sec. 5½ ft. dist.; and raise a mound of earth 4 ft. base, 2 ft. high, W. of cor.</p> <p>Land, level. Soil, sandy loam, 1st rate. Open brush of sage, mesquite, chaparral, and greasewood, full distance.</p> <p>-----</p> <p>West on a true line bet. secs. 6 and 31. Over level land, through open brush.</p> <p>5.00 Road, brs. N. 80° W. and S. 80° E.</p> <p>13.00 Same road, brs. S. 85° W. and N. 85° E.</p> <p>20.00 Set an iron post for 1/16 sec. cor. No. 1, bet. secs. 6 and 31 (E½), with cap stamped</p> <p style="padding-left: 40px;">1/16 S 31 in N. half S 6 No 1 1911 in S. half</p> <p>Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise a mound of earth 3½ ft. base, 1½ ft. high, N. of cor.</p> <p>20.20 Same road, brs. N. 80° W, and S. 80° E.</p> <p>40.00 Set an iron post for ¼ sec. cor. bet. secs. 6 and 31, with cap stamped</p> <p style="padding-left: 40px;">¼ S 31 in N. half S 6 1911 in S. half</p> <p>Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise a mound of earth 3½ ft. base, 1½ ft. high, N. of cor.</p> <p>42.00 Road, brs. N. 50° E. and S. 50° W.</p> <p>60.00 Set an iron post for 1/16 sec. cor. No. 2, bet. secs. 6 and 31 (W½), with cap stamped</p> <p style="padding-left: 40px;">1/16 S 31 in N. half S 6 No 2 1911 in S. half</p> <p>Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise a mound of earth 3½ ft. base, 1½ ft. high, N. of cor.</p> <p>79.06 At theoretical distance, set an iron post 3 ft. long, 3 ins. dia., 26 ins. in the ground, for the cor. of Tps. 3 and 4 S., Rgs. 4 and 5 E., with cap stamped</p> <p style="padding-left: 40px;">T 3 S S 31 in NE. quadrant R 5 E S 6 in SE. " T 4 S S 1 in SW. " R 4 E S 36 in NW. " 1911 in S. 6 notches on N., S., E. and W. edges</p> <p>Dig pits 24x24x12 ins., on each line, N., E. and W., 4 ft., and S. of post 8 ft. dist., and raise a mound of earth 5 ft. base, 2½ ft. high, south of cor.</p> <p>Land, level.</p>

Resurvey of

North Boundary of T. 4 S., R. 5 E.

Chains

Soil, sandy loam, 1st rate.
Open brush of sage, chaparral, mesquite, and greasewood,
full distance.

Jan. 27, 1911. At the cor. of Tps. 3 and 4 S., Rgs. 4
and 5 E., I set off $18^{\circ} 34'$ S. on the decl. arc, and at
apparent noon, observe the sun on the meridian; the re-
sulting lat. is $33^{\circ} 07'$, which is the proper lat.



Resurvey of West Boundary of T. 4 S., R. 5 E.

~~(a portion of which is W. bdy. of Gila River Indian Res'n)~~

Chains

Surveyed by Guy P. Harrington, U. S. Surveyor.

The iron posts used in this survey, unless otherwise described, are 3 ft. long, 1 inch in dia., and are set 26 ins. in the ground.

Jan. 26, 1911.

After several days' search for old corners from which to establish the reservation boundary in its original position through R. 5 E., I find the old $\frac{1}{4}$ sec. cor. bet. secs. 19 and 24, on the W. bdy. of T. 4 S., R. 5 E., which is designated as a point on the reservation boundary. This cor. is a wooden post which has rotted off at the level of ground and the top of the post is lying on top of ground. I dig down and find the old decayed wood where the post originally set in the ground. From this point a palo fierro tree 12 ins. dia., brs. S. 58 $\frac{1}{2}$ ° W. 218 lks. dist., plainly marked $\frac{1}{4}$ S. This is the reported bearing and distance in the original notes of survey. I replace this old post with a mesquite post 6 ins. sq., 3 ft. long, 24 ins. in the ground, for the $\frac{1}{4}$ sec. cor. of sec. 24 on public lands, from which the old bearing tree which is a palo fierro 12 ins. in dia., brs. S. 58 $\frac{1}{2}$ ° W. 218 lks. dist. This cor. now refers to sec. 24, only.

Jan. 26, 1911. At the above cor., at 9 a.m., l.m.t., I set off 33° 04' on the lat. arc, 18° 51' S. on the decl. arc, and determine a meridian with the solar.

Thence I run

North along the E. bdy. of sec. 24 (N $\frac{1}{2}$)

Over level land, through scattered brush.

40.00 Find no trace of the old cor. of secs. 13, 18, 19 and 24. Set temp.

Thence North along the E. bdy. of sec. 13, which is also the reservation bdy.

Over level land, through scattered brush.

7.90 Maricopa & Sacaton graded road, brs. E. and W.

17.80 Wash, course N. 45° W.

39.40 Road, brs. N. 45° W. and S. 45° E.

40.00 Find no trace of the old $\frac{1}{4}$ sec. cor. bet. secs. 13 and 18. Set temp. $\frac{1}{4}$ sec. cor.

80.00 Find no trace of the old cor. of secs. 7, 12, 13 and 18, Set temp. cor.

~~This cor. was designated as an angle point on the reservation bdy.~~ I then make diligent search for any old cors. north of this point to enable me to establish this cor. in the usual method of restoring lost corners. I am unable to find any trace of any corner whatsoever. The

Resurvey of West Boundary of T. 4 S., R. 5 E.

~~(a portion of which is W. bdy. of Gila River Indian Res'n)~~

Chains

country shows evidence of a fire passing through a few years ago. I therefore decide that the only position possible at present date is at this temp. cor.

I therefore set an iron post, 3 ft. long, 3 ins. dia., 26 ins. in the ground, for ~~Angle Point on the reservation boundary and point called for as the cor. of secs. 7, 12, 13 and 18.~~ This will now, with my method of survey, be a corner common to sec. 13 only. I mark the post T 4 S R 4 E S 13 in SW. quadrant, and 1911 in S. Dig a pit 36x36x12 ins. SW. of post, 5½ ft. dist.; and raise a mound of earth 4 ft. base, 2 ft. high, SW. of post.

Land, level and gently rolling.
Soil, sandy loam, 1st rate.

I now return to the original ¼ sec. cor. bet. secs. 19 and 24, which now refers only to sec. 24.

Thence I run

South on a random line along the E. bdy. of sec. 24.

Over level land, through scattered brush.

40.08 Falls 9 lks. W. of the cor. of secs. 19, 24, 25 and 30, which is a decayed wooden post 4 ins. sq., the top of post lying on the ground and portion in ground, easily distinguished by digging in the ground. Old markings are distinguishable on the old post. I replace this post with a mesquite post 6 ins. sq., 3 ft. long, 24 ins. in the ground, mkd.

R 4 E S 24 on NW.

T 4 S S 25 on SW.

4 notches on N., and 2 notches on S.

Dig pits 24x24x12 ins., NW. and SW. of post 6 ft. dist.; and raise a mound of earth 4 ft. base, 2 ft. high, W. of cor.

This is now a corner common only to secs. 24 and 25.

The bearing of the true line is S. 0° 8' E. from the ¼ sec. cor. of sec. 24.

Land, level.
Soil, sandy loam, 1st rate.
Scattered brush of chaparral.

Thence South on a random line along the E. bdy. of sec. 25 (N½)

Over level land, through scattered brush.

40.14 Falls 14 lks. W. of the ¼ sec. cor. bet. secs. 25 and 30, which is a wooden post lying on the ground (old marks partly discernible, the position of which I check by the old bearing trees, - a palo fierra 10 ins. dia. brs. N. 20° E., 112 lks. dist.; plainly mkd. ¼ S., and a palo fierra 10 ins. dia. brs. S. 83° E., 173 lks. dist., plainly marked ¼ S. The bearing of N. 83° E. in the original notes is an error. I replace this old post

Resurvey of West Boundary of T. 4 S., R. 5 E.

~~(a portion of which is W. bdy. of Gila River Indian Res'n)~~

Chains

by a palo fierro post 6 ins. sq., 3 ft. long, 24 ins. in the ground, mkd. $\frac{1}{4}$ S 25 on W., and dig pits 18x18x12 ins. N. and S. of post 3 ft. dist.; and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, W. of cor. This cor. will now refer to sec. 25 only.

The bearing of the true line is S. $0^{\circ} 12'$ E.

Land, level.

Soil, sandy loam, 1st rate.

Scattered brush, full distance.

Thence South along the E. bdy. of sec. 25 ($S\frac{1}{2}$).

Over level land, through brush.

40.08 Falls 2 lks. W. of the cor. of secs. 25, 30, 31 and 36, which is a palo fierro post, 4 ins. square, rotted off at surface of ground, and top of post lying on the ground; all old markings plainly visible. By digging in the ground, I find the decayed part of post, at which point, I set a palo fierro post 4 ins. square, 3 ft. long, 24 ins. in the ground, marked

R 4 E S 25 on NW.

T 4 S S 36 on SW.

5 notches on N. and 1 on S. edge

Dig pits 24x24x12 ins. NW. and SW. of post, 6 ft. dist.; and raise a mound of earth 4 ft. base, 2 ft. high, W. of cor.

This corner now refers only to secs. 25 and 36.

The bearing of the true line is S. $0^{\circ} 2'$ E.

Land, level.

Soil, sandy loam, 1st rate.

Scattered brush of chaparral.

Thence south on a random line along the E. bdy. of sec. 36.

Over level land, through scattered brush.

10.00 Wash, course N. 60° W.

40.11 Falls 35 lks. W. of the point for the $\frac{1}{4}$ sec. cor. bet. secs. 31 and 36, which I locate from the stump of the old bearing tree in sec. 36.

Set a mesquite post 4 ins. square, 3 ft. long, 24 ins. in the ground, for the $\frac{1}{4}$ sec. cor. of sec. 36, marked $\frac{1}{4}$ S 36 on W. Dig pits 18x18x12 ins. N. and S. of post 3 ft. dist.; and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, W. of cor.

This corner now refers only to sec. 36, on Public Lands.

The bearing of the true line is S. $0^{\circ} 30'$ E.

Land, level.

Soil, sandy loam, 1st rate.

Brush, scattered chaparral.

Resurvey of West Boundary of T. 4 S., R. 5 E.

~~(a portion of which is W. bdy. of Gila River Indian Res'n)~~

Chains

In the original survey this line was carried no further south, and the cor. of Tps. 4 and 5 S., Rgs. 4 and 5 E. was never established. ~~The angle point on the reservation boundary was designated as the cor. of secs. 7, 12, 13 and 18, T. 5 S., Rgs. 4 and 5 E.~~ I make diligent search for corners in the subdivision of T. 5 S., R. 5 E. in order to establish the above mentioned angle point. ~~and the south boundary of the reservation.~~ I am unable to find any trace of old corners. The 1st Standard Parallel South was resurveyed in 1885, doubtless before the old corners had been lost. I am able to find all of the corners on this line.

Thence from the $\frac{1}{4}$ sec. cor. of sec. 36, just established, I run

South on a true line along the E. bdy. of sec. 36.

Over level land, through brush.

40.00 Set a mesquite post 4 ins. square, 3 ft. long, 24 ins. in the ground, for the cor. of Tps. 4 and 5 S., R. 4 E., mkd.

T 4 S R 4 E S 36 on NW. face
T 5 S S 1 on SW.
6 notches on N., S. and W. edges

Dig pits 30x24x12 ins. on each line, N. and S., 4 ft., and W. of post 8 ft. dist.; and raise a mound of earth 5 ft. base, 2 $\frac{1}{2}$ ft. high, W. of cor.

This cor. will be common to townships on the Public Land only.

I decide that, as this cor. had never been established in any previous survey, it should not be established by proportional distances, as is the method used in re-establishing lost corners which had been previously established.

Jan. 26, 1911.

Jan. 27, 1911.

From the cor. of Tps. 3 and 4 S., Rgs. 4 and 5 E., previously described, I run

South on a true line bet. secs. 1 and 6.

Over level land, through brush.

20.00 Set an iron post for $\frac{1}{16}$ sec. cor. No. 6, bet. secs. 1 and 6 (N $\frac{1}{2}$), with cap stamped

$\frac{1}{16}$ S 1 in W. half
S 6 in E. half
No 6 1911 in S.

Dig pits 18x18x12 ins. N. and S. of post 3 ft. dist.; and raise a mound of earth 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor.

20.75 Road, brs. N. 80° W. and S. 80° E.

Resurvey of West Boundary of T. 4 S., R. 5 E.

(a portion of which is W. bdy. of Gila River Indian Res'n)

Chains	
29.00	Road, brs. N. 50° W. and S. 50° E.
40.00	Set an iron post for 1/4 sec. cor. bet. secs. 1 and 6, with cap stamped
	<p>1/4 S 1 in W. half S 6 in E. half 1911 in S.</p>
	<p>Dig pits 18x18x12 ins. N. and S. of post 3 ft. dist.; and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high, W. of cor.</p>
54.00	Enter wash, course N. 10° W.
56.00	Leave wash, course N. 10° W.
60.00	Set an iron post for 1/16 sec. cor. No. 12, bet. secs. 1 and 6 (S 1/2), with cap stamped
	<p>1/16 S 1 in W. half S 6 in E. half No 12 1911 in S.</p>
	<p>Dig pits 18x18x12 ins. N. and S. of post 3 ft. dist.; and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high, W. of cor.</p>
80.00	Set an iron post for the cor. of secs. 1, 6, 7 and 12, with cap stamped
	<p>T 4 S S 6 in NE. quadrant R 5 E S 7 in SE. " S 12 in SW. " R 4 E S 1 in NW. " 1911 in S.</p>
	<p>5 notches on S. and 1 notch on N. edge</p>
	<p>Dig pits 18x18x12 ins. in each sec. 5 1/2 ft. dist.; and raise a mound of earth 4 ft. base, 2 ft. high, W. of cor.</p>
	<p>Land, level. Soil, sandy loam, 1st rate. Open brush of sage, mesquite, chaparral and greasewood, full distance.</p>

	<p>South on a true line bet. secs. 7 and 12.</p>
	<p>Over level land, through open brush.</p>
20.00	Set an iron post for 1/16 sec. cor. No. 6, bet. secs. 7 and 12 (N 1/2), with cap stamped
	<p>1/16 S 12 in W. half S 7 in E. half No 6 1911 in S.</p>
	<p>Dig pits 18x18x12 ins. N. and S. of post 3 ft. dist.; and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high, W. of cor.</p>
40.00	Set an iron post for 1/4 sec. cor. bet. secs. 7 and 12, with cap stamped
	<p>1/4 S 12 in W. half S 7 in E. half 1911 in S.</p>

Resurvey of West Boundary of T. 4 S., R. 5 E.

(a portion of which is W. bdy. of Gila River Indian Res'n)

Chains

Dig pits 18x18x12 ins. N. and S. of post 3 ft. dist.;
and raise a mound of earth 3½ ft. base, 1½ ft. high,
W. of cor.

60.00 Set an iron post for 1/16 sec. cor. No. 12, bet. secs. 7
and 12 (S½), with cap stamped

1/16 S 12 in W. half
S 7 in E. half
No 12 1911 in S.

Dig pits 18x18x12 ins. N. and S. of post 3 ft. dist.;
and raise a mound of earth 3½ ft. base, 1½ ft. high,
W. of cor.

72.00 Wash, course N. 45° W.

73.00 Road, brs. N. 40° W. and S. 40° E.

80.00 Set an iron post for the cor. of secs. 7 and 18, T. 4 S.,
R. 5 E., with cap stamped

T 4 S S 7 in NE. quadrant
R 5 E S 18 in SE. "
1911 in S.

4 notches on S. and 2 notches on N. edge

Dig pits 24x24x12 ins., in each sec., 6 ft. dist.; and
raise a mound of earth 4 ft. base, 2 ft. high, E. of
cor.

87.80 Falls 1.43 chs. E. of Cor to sec., 13, T. 4 S., R. 4 E. estab.,
by me yesterday.

Set an iron post for the SE. cor. of sec. 12, T. 4 S., R.
4 E., with cap stamped

T 4 S S 18 in NE.
R 5 E S 18 in SE.
S 18 in SW.
R 4 E S 12 in NW.
1911 in S.

4 notches on S. and 2 on N. edge

Dig a pit 36x36x12 ins., in sec. 12, 8 ft. dist.; and
raise a mound of earth 4 ft. base, 2 ft. high, NW. of
cor.

Land, level.

Soil, sandy loam, 1st rate.

Open brush of sage, mesquite, chaparral and greasewood,
full distance.

Jan. 27, 1911.

North Boundary of T. 5 S., R. 5 E.

Chains

Surveyed by Guy P. Harrington, U. S. Surveyor.

The iron posts used in this survey, unless otherwise described, are 3 ft. long, 1 inch in dia., and are set 26 ins. in the ground.

Jan. 27, 1911. At 8 a.m., l.m.t., I set off 33° 07' on the lat. arc, 18° 35' S. on the decl. arc, and determine a meridian with the solar, at the cor. of Tps. 4 and 5 S., Rgs. 5 and 6 E., previously described.

Thence I run

West on a true line bet. secs. 1 and 36.

Over sloping land, through open brush, gradually ascending.

34.00 Top of gradual ascent, brs. N. and S. Descend.

37.25 Wash, course N. 10° W.

40.00 Set an iron post for 1/4 sec. cor. bet. secs. 1 and 36, with cap stamped

1/4 S 36 in N. half
S 1 1911 in S. half, from which

A palo verde 8 ins. dia. brs. S. 12° 15' E., 86 lks. dist.
Mkd. 1/4 S 1 B T.

A palo verde 8 ins. dia. brs. N. 19° 45' E., 164 lks. dist.
Mkd. 1/4 S 36 B T.

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high, N. of cor.

42.30 Wash, course N.

69.20 Wash, course N. 10° W.

71.00 Wash, course N. 10° E.

80.00 Set an iron post for the cor. of secs. 1, 2, 35 and 36, with cap stamped

T 4 S S 36 in NE. quadrant
R 5 E S 1 in SE. "
T 5 S S 2 in SW. "
S 35 in NW. "

1911 in S.
1 notch on E. and 5 notches on W. edge,

from which

A palo verde 6 ins. dia. brs. N. 56° 30' W., 38 lks. dist.
Mkd. T 4 S R 5 E S 35 B T.

Build a mound of stone 2 ft. base, 1 1/2 ft. high, W. of cor.

Land, gently sloping.

Soil, sandy 2nd rate.

Open brush of palo verde, palo fierro, chaparral, and scattered cactus, full distance.

North Boundary of T. 5 S., R. 5 E.

Chains	
	West on a true line bet. secs. 2 and 35.
	Over sloping land, through open brush.
2.00	Wash, course N. Thence ascend.
16.00	Top of ascent, brs. N. and S.
19.80	Foot of descent, brs. N. and S.
20.00	Wash, course N.
30.00	Wash, course NW.
32.00	Wash, course NW.
39.00	Wash, course NW.
40.00	Set an iron post for $\frac{1}{4}$ sec. cor. bet. secs. 2 and 35, with cap stamped
	$\frac{1}{4}$ S 35 in N. half S 2 1911 in S. half
	Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, N. of cor.
56.00	Wash, course N. 30° W.
62.00	Wash, course N. 10° W.
64.00	Road, brs. N. 30° E. and S. 30° W.
69.00	Wash, course N. 30° E.
73.00	Road, branches from N. 10° E. to SW. and S,
74.00	Wash, course North.
76.00	Wash, course North.
80.00	Set an iron post for the cor. of secs. 2, 3, 34 and 35, with cap stamped
	T 4 S S 35 in NE. quadrant R 5 E S 2 in SE. " T 5 S S 3 in SW. " S 34 in NW. " 1911 in S. 2 notches on E. and 4 notches on W. edge
	Dig pits 18x18x12 ins. in each sec. $5\frac{1}{2}$ ft. dist.; and raise a mound of earth 4 ft. base, 2 ft. high, W. of cor.
	Land, gently sloping. Soil, sandy loam, 1st rate. Open brush of palo verde, palo fierro, chaparral and scattered cactus.

	West on a true line bet. secs. 3 and 34.
	Over gently sloping land, through open brush.
2.00	Wash, course NW.
8.00	Wash, course NW.

North Boundary of T. 5 S., R. 5 E.

Chains

11.00 Wash, course NW.

20.50 Wash, course NE.

25.00 Road, brs. N. 30° E. and S. 30° W.

28.00 Wash, course NW.

30.00 Wash, course N.

36.00 Wash, course N.

40.00 Set an iron post for $\frac{1}{4}$ sec. cor. bet. secs. 3 and 34,
with cap stamped

$\frac{1}{4}$ S 34 in N. half
S 3 1911 in S. half

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.;
and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high,
N. of cor.

40.50 Small wash, course N. 30° W.

52.00 Wash, course N.

56.00 Wash, course NE.

62.00 Wash, course NE.

77.00 Road, brs. N. 10° E. and S. 10° W.

80.00 Set an iron post for the cor. of secs. 3, 4, 33 and 34,
with cap stamped

T 4 S S 34 in NE. quadrant
R 5 E S 3 in SE. "
T 5 S S 4 in SW. "
S 33 in NW. "
1911 in S.
3 notches on E. and W. edges

Build a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high, W. of
cor.

Land, gently sloping.
Soil, sandy loam and gravelly, 1st rate.
Open brush of palo verde, palo fierro, chaparral and
greasewood, full distance.

West on a true line bet. secs. 4 and 33.

Over sloping land, through brush.

1.00 Wash, course NW.

23.00 Road, brs. N. 10° E. and S. 10° W.

26.00 Wash, course NW.

39.80 Well travelled road, brs. N. 30° W. and S. 30° E.

40.00 Set an iron post for $\frac{1}{4}$ sec. cor. bet. secs. 4 and 33,
with cap stamped

$\frac{1}{4}$ S 33 in N. half
S 4 1911 in S. half

North Boundary of T. 5 S., R. 5 E.

Chains

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high, N. of cor.

42.50 Wash, course N. 30° W.

61.00 Wash, course NW.

62.20 Road, brs. N. 10° W. and S. 10° E.

72.00 Wash, course N. 30° W.

75.80 Road, brs. from NW. to SW.

78.50 Road, brs. SW. from NE.

80.00 Set an iron post for the cor. of secs. 4, 5, 32 and 33, with cap stamped

T 4 S S 33 in NE. quadrant
R 5 E S 4 in SE. "
T 5 S S 5 in SW. "
S 32 in NW. "

1911 in S.

4 notches on E. and 2 notches on W. edges

Dig pits 18x18x12 ins. in each sec. 5 1/2 ft. dist., and raise a mound of earth 4 ft. base, 2 ft. high, W. of cor.

Land, gently sloping.

Soil, sandy and gravelly, 2nd rate.

Open brush of palo verde, palo fierro, mesquite and chaparral, full distance.

West of a true line bet. secs. 5 and 32.

Over sloping land, through open brush.

6.00 Wash, course N. 30° W.

27.00 Wash, course N. 30° W.

40.00 Set an iron post for 1/4 sec. cor. bet. secs. 5 and 32, with cap stamped

1/4 S 32 in N. half
S 5 1911 in S. half

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high, N. of cor.

66.00 Road, brs. NE. and SW.

78.00 Wash, course NW.

80.00 Set an iron post for the cor. of secs. 5, 6, 31 and 32, with cap stamped

T 4 S S 32 in NE. quadrant
R 5 E S 5 in SE. "
T 5 S S 6 in SW. "
S 31 in NW. "

1911 in S.

5 notches on E. and 1 notch on W. edge

North Boundary of T. 5 S., R. 5 E.

Chains

Dig pits 18x18x12 ins. in each sec. 5 1/2 ft. dist.; and raise a mound of earth 4 ft. base, 2 ft. high, W. of cor.

Land, gently sloping.
Soil, sandy loam, 1st rate, and gravelly, 2nd rate.
Open brush of sage, palo verde, palo fierro, mesquite, and chaparral, full distance.

West on a true line bet. secs. 6 and 31.

Over gently sloping land, through open brush.

17.00 Wash, course NW.

40.00 Set an iron post for 1/4 sec. cor. bet. secs. 6 and 31, with cap stamped

1/4 S 31 in N. half
S 6 1911 in S. half

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high, N. of cor.

44.00 Wash, course N. 30° W.

52.00 Wash, course N. 30° W.

50.34 Intersect the Gila River Indian Reservation boundary at a point 8.11 chs. North of the cor. of Tps. 4 and 5 S., R. 4 E, established by me yesterday (and described in field notes of the W. bdy. of T. 4 S., R. 5 E.)

Set an iron post 3 ft. long, 3 ins. dia., 26 ins. in the ground, for the cor. of Tps. 4 and 5 S., R. 5 E., with cap stamped

T 4 S R 5 E S 31 in NE.
T 5 S S 6 in SE.

1911 in S.
6 notches on N., S. and E. edges

Dig pits 30x24x12 ins., on each line, N. and S. 4 ft., and E. of post 8 ft. dist.; and raise a mound of earth 5 ft. base, 2 1/2 ft. high, E. of cor.

Land, gently sloping.
Soil, sandy and gravelly, 2nd rate.
Open brush of palo verde, palo fierro, chaparral and mesquite, full distance.

Jan. 27, 1911.

Resurvey of

BOOK 2873

West Boundary of T. 5 S., R. 5 E.

(which is also a portion of the W.bdy. of Gila River Indian Res'N)

Chains

Surveyed by Guy P. Harrington, U. S. Surveyor.

The iron posts used in this survey, unless otherwise described, are 3 ft. long, 1 inch in diameter, and are set 26 ins. in the ground.

Jan. 26, 1911.

From the cor. of Tps. 4 and 5 S., R. 4 E., previously established and described, I run

South on a random line, setting temp. corners at intervals of 40.00 chs., and at 6 miles and 15.66 chs., fall 6.42 chs. W. of the S.C. of Rgs. 4 and 5 E., T. 5 S., on the 1st Standard Parallel South, which is a mesquite post 4 ins. square, firmly set, marked and witnessed as described. This gives an excess in length of 2.61 chs. per mile, and a correction of 107 lks. per mile of 0° 46' of arc, in bearing of line.

by the
surveyor
general

Jan. 26, 1911.

Jan. 28, 1911. The township line bet. Tps. 4 and 5 S., R. 5 E., I ran on Jan. 27th, and obtained a distance bet. secs. 6 and 31, of 80.34 chs., and established cor. common to Tps. 4 and 5 S., R. 5 E., 8.11 chs. north of the cor. of Tps. 4 and 5 S., R. 4 E., which was established by me on Jan. 26th.

Returning to the cor. of Tps. 4 and 5 S., R. 4 E., I run S. 0° 46' E. on a true line along the W. bdy. of sec. 6,

Beginning steep ascent of rocky ridge.

13.50 Top of ridge, brs. E. and W. Thence descend.

24.00 Foot of descent, brs. E. and W.
Thence along rocky E. slope.

31.89 Being 40.00 chs. S. of the cor. of Tps. 4 and 5 S., R. 5 E., Set an iron post for the 1/4 sec. cor. of sec. 6, T. 5 S., R. 5 E., with cap stamped
P L in W.
1/4 S 6 G R I R in E.
1911 in S.

Dig pits 18x18x12 ins. N. and S. of post 3 ft. dist.; and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high, W. of cor.

33.90 Begin ascent of rocky ridge, brs. NW. and SE.

36.50 Top of ridge, brs. NW. and SE.
Thence descend.

54.00 Foot of descent. Thence gently sloping land.

71.89 (80.00 chs. south of the cor. of Tps. 4 and 5 S., R. 5 E.)
~~Set an iron post for the cor. of secs. 6 and 7, with cap~~

Resurvey of

BOOK 2873

West Boundary of T. 5 S., R. 5 E.

(which is also a portion of the W.bdy. of Gila River Indian Res'N)

Chains

stamped

T 5 S S 6 in NE.
R 5 E S 7 in SE.
G R I R in E., P L in W.,
1911 in S.
5 notches on S. and 1 notch on N. edge

Dig pits 24x24x12 ins. in each sec., 6 ft. dist.; and
raise a mound of earth 4 ft. base, 2 ft. high, E. of
cor.

Land, broken and mountainous.
Soil, sandy loam, 2nd rate.

Thence S. 0° 46' E. on a true line along the W. bdy. of sec.
7.

Over gently sloping land, through chaparral brush.

18.00 Wash, course N. 60° W.

40.00 Set an iron post for $\frac{1}{4}$ sec. cor. of sec. 7, T. 5 S.,
R. 5 E., with cap stamped

$\frac{1}{4}$ S 7 G R I R in E.
P L in W.
1911 in S.

Dig pits 18x18x12 ins. N. and S. of post 3 ft. dist.;
and raise a mound of earth 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high,
W. of cor.

80.00 Set an iron post for $\frac{1}{4}$ sec. cor. of sec. 7, T. 5 S.,
R. 5 E., with cap stamped

$\frac{1}{4}$ S 7 G R I R in E.
P L in W.
1911 in S., from which

A palo fierro 12 ins. dia. brs. N. 66° 30' E., 146 lks.
dist. Mkd. $\frac{1}{4}$ S 7 B T.

Dig pits 18x18x12 ins. N. and S. of post 3 ft. dist.;
and raise a mound of earth 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high,
W. of cor.

93.33 Set an iron post 3 ft. long, 3 ins. dia., 26 ins. in the
ground, at ^{angle} point on the reservation bdy. for the SW.
cor. of sec. 7, mkd.

P L in SW.
G R I R T 5 S R 5 E S 7 in NE.
1911 in S.

Dig a pit 36x36x12 ins., NE. of cor., 6 ft. dist.; and
raise a mound of earth 4 ft. base, 2 ft. high, NE. of
post.

Land, gently sloping.
Soil, sandy, 1st rate.
Scattered brush of palo verde, palo fierra, - full dist.

Jan. 28, 1911.

Resurvey of
South Boundary of the Gila River Indian Reservation
in T. 5 S., R. 5 E.

Chains

Surveyed by Guy P. Harrington, U. S. Surveyor.

The iron posts used in this survey, unless otherwise described, are 3 ft. long, 1 inch in diameter, and are set 26 ins. in the ground.

Jan. 28, 1911. At 10 a.m., l.m.t., I set off 33° 00' on the lat. arc, 18° 20' S. on the decl. arc, and determine a meridian with the solar, at the SW. cor. of sec. 7, T. 5 S., R. 5 E., on the reservation bdy., previously described.

Thence I run

S. 86° 20' E. (the computed bearing) on a random line along the S. bdy. of the Gila River Indian Reservation, setting temp. cors. at intervals of 40.00 chs.

475.58 Falls 84 lks. N. of iron post on Reservation bdy. set 4 mi. N. of S.C. of Tps. 5 S., Rs. 5 and 6 E.

477.92 Falls 84 lks. N. of the cor. of secs. 7 and 12, T. 5 S., Rgs. 5 and 6 E., previously described.

Thence I run

S. 89° 57' W. on a true line along the S. bdy. of sec. 12, on the S. bdy. of the Gila River Indian Reservation.

2.34 Over broken mountainous land. Intersect iron post on Reservation bdy. set 4 mi. N. of S.C. of Tps. 5 S., Rs. 5 and 6 E. Thence N. 88° 14' W., continuing measurement.

40.00 Set an iron post for $\frac{1}{4}$ sec. cor. of sec. 12, with cap stamped

$\frac{1}{4}$ S 12 G A I R in N.
P L 1911 in S.

Build a mound of stone 2 ft. base, 1 $\frac{1}{2}$ ft. high, N. of cor.

63.00 High rocky ridge, hrs. N. and S. Thence descend along W. point of spur.

76.00 Foot of descent on steep N. slope. Thence ascend.

80.00 On summit of ridge, bearing E. and W. Set an iron post for the cor. of secs. 11 and 12, with cap stamped

T 5 S S 12 in NE.
R 5 E S 11 in NW.
G R I R in N.
P L 1911 in S.
1 notch on E. and 5 notches on W. edge

Build a mound of stone 2 ft. base, 1 $\frac{1}{2}$ ft. high, N. of cor.

Land, broken and mountainous.
Soil, stony, 3rd rate.

Thence N. 88° 14' W. along the S. bdy. of sec. 11, on the S. bdy. of the Gila River Indian Reservation.

Over broken, mountainous land.

Resurvey of
South Boundary of the Gila River Indian Reservation
in T. 5 S., R. 5 E.

Chains

12.50 High ridge, brs. N. and S.

36.00 Gulch, course NW.

40.00 Set an iron post for $\frac{1}{4}$ sec. cor. of sec. 11, with cap stamped

$\frac{1}{4}$ S 11 G R I R in N.
P L 1911 in S.

Dig pits 18x28x12 ins. E. and W. of post 3 ft. dist.; and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, N. of cor.

71.00 N. point of spur bears to S.

80.00 Set an iron post for the cor. of secs. 10 and 11, with cap stamped

T 5 S S 11 in NE.
R 5 E S 10 in NW.
G R I R in N.
P L 1911 in S.

2 notches on E. and 4 notches on W. edge

Dig pits 24x24x12 ins., in each sec., 6 ft. dist.; and raise a mound of earth 4 ft. base, 2 ft. high, N. of cor.

Land, broken and mountainous.
Soil, stony, 3rd rate.

Thence N. 88° 14' W. on a true line along the S. bdy. of sec. 10, on the S. bdy. of the Gila River Indian Reservation.

Over broken, mountainous land.

40.00 Set an iron post for $\frac{1}{4}$ sec. cor. of sec. 10, with cap stamped

$\frac{1}{4}$ S 10 G R I R in N.
P L 1911 in S.

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, N. of cor.

45.00 Road, brs. N. and S.

62.00 Begin steep ascent of mountain, brs. N. and S.

80.00 On steep E. slope,
Set an iron post for the cor. of secs. 9 and 10, with cap stamped

T 5 S S 10 in NE.
R 5 E S 9 in NW.
G R I R in N.
P L 1911 in S.

3 notches on E. and W. edges

Build a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high, N. of cor.

Land, broken and mountainous.
Soil, stony, 3rd rate.

Resurvey of

South Boundary of the Gila River Indian Reservation

in T. 5 S., R. 5 E.

Chains

Thence N. 88° 14' W. on a true line along the S. bdy. of sec. 9, on the S. bdy. of the Gila River Indian Reservation.

Continuing precipitous ascent.

2.00 Top of ascent, brs. NW. and SE.
Thence descend along steep SW. slope to gulch.

10.00 Gulch, course SE. Thence steep ascent.

18.00 High ridge, brs. N. and S.
Thence broken descent.

28.00 Gulch, course S.

34.00 Spur, brs. N. and S.

40.00 Spur, brs. NE. and SW.
Set an iron post for $\frac{1}{4}$ sec. cor. of sec. 9, with cap stamped

$\frac{1}{4}$ S 9 G R I R in N.
P L 1911 in S.

Build a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high, N. of cor.

65.00 Foot of steep descent at base of mountain.
Thence along gradual W. slope.

80.00 Set an iron post for the cor. of secs. 8 and 9, with cap stamped

T 5 S S 9 in NE.
R 5 E S 8 in NW.
G R I R in N.
P L 1911 in S.

4 notches on N. and 2 notches on W. edge

Dig pits 24x24x12 ins., in each sec., 6 ft. dist.; and raise a mound of earth 4 ft. base, 2 ft. high, N. of cor.

Land, broken and mountainous.
Soil, stony, 3rd rate.

Thence N. 88° 14' W. along the S. bdy. of sec. 8, on true line, on the S. bdy. of the Gila River Indian Reservation.

23.00 Road, brs. N. and S.

40.00 Set an iron post for the $\frac{1}{4}$ sec. cor. of sec. 8, with cap stamped

$\frac{1}{4}$ S 8 G R I R in N.
P L 1911 in S.

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, N. of cor.

~~80.00 Set an iron post for the cor. of secs. 7 and 8, with cap stamped~~

Resurvey of

South Boundary of the Gila River Indian Reservation

in T. 5 S., R. 5 E.

Chains

T 5 S E 8 in NE.
R 5 E S 7 in NW.
G R I R in N.
P L 1911 in S.
5 notches on E. and 1 notch on W. edge

Dig pits 24x24x12 ins., in each sec., 6 ft. dist.; and
raise a mound of earth 4 ft. base, 2 ft. high, N. of cor.

Land, broken and mountainous.
Soil, stony, 3rd rate.

Thence N. 88° 14' W. on a true line along the S. bdy. of
sec. 7, on the S. bdy. of the Gila River Indian Reser-
vation.

Over broken, mountainous land.

23.00 S. point of Black Mountain, hrs. N. and S.

40.00 Set an iron post for $\frac{1}{4}$ sec. cor. of sec. 7, with cap
stamped

$\frac{1}{4}$ S 7 G R I R in N.
P L 1911 in S.

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.;
and raise a mound of earth 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high,
N. of cor.

60.00 Road, hrs. N. and S.

77.92 The SW. cor. of sec. 7, T. 5 S., R. 5 E., ^{angle cor.} on the reserva-
tion boundary, previously described.

Jan. 28, 1911.

West Boundary of T. 3 S., R. 7 E.

which is a portion of the E. bdy. of the Gila River Indian Res'n.

Chains

Surveyed by Guy P. Harrington, U. S. Surveyor.

The iron posts used in this survey, unless otherwise described, are 3 ft. long, 1 inch in diameter, and are set 26 ins. in the ground.

Feb. 26, 1911. At 8 a.m., l.m.t., I set off 33° 07' on the lat. arc, 8° 56' S. on the decl. arc, and determine a meridian with the solar, at the cor. of Tps. 3 and 4 S., Rgs. 6 and 7 E., heretofore described.

Thence I run

North bet. secs. 31 and 36, along the E. bdy. of the Gila River Indian Reservation.

Over broken, mountainous land.

6.00 Point of ridge, brs. NE. and SW.

30.00 Wide wash, course SW.

40.00 Set an iron post for 1/4 sec. cor. bet. secs. 31 and 36, with cap stamped

1/4 S 36 G R I R in W.
S 31 P L in E.
1911 in S.

Build a mound of stone 2 ft. base, 1 1/2 ft. high, W. of cor.

80.00 On summit of high ridge, bearing N. 10° E. and S. 10° W. Set an iron post for the cor. of secs. 25, 30, 31 and 36, with cap stamped

T 3 S S 30 in NE. quadrant
R 7 E S 31 in SE. "
S 36 in SW. "
R 6 E S 25 in NW. "
G R I R in W., P L in E.
1911 in S.

1 notch on S. and 5 notches on N. edge

Build a mound of stone 2 ft. base, 1 1/2 ft. high, W. of cor.

Land, broken and mountainous.
Soil, stony, 3rd rate.

North bet. secs. 25 and 30, along the E. bdy. of the Gila River Indian Reservation.

Over precipitous mountains.

25.00 Gulch, course SW.

40.00 Set an iron post for 1/4 sec. cor. bet. secs. 25 and 30, with cap stamped

1/4 S 25 G R I R in W.
S 30 P L in E.
1911 in S.

West Boundary of T. 3 S., R. 7 E.

which is a portion of the E. bdy. of the Gila River Indian Res'n.

Chains

Build a mound of stone 2 ft. base, 1 1/2 ft. high, W. of cor.

46.00 Deep gulch, course W.
Thence almost vertical ascent of ridge.

58.00 Top of ascent, brs. E. and W.
Summit of round-topped and very prominent mountain, brs. West about 10.00 chs. dist.

77.00 Wash, course W.
Road, in wash, brs. E. and W.

80.00 Set an iron post for the cor. of secs. 19, 24, 25 and 30, with cap stamped

- T 3 S S 19 in NE. quadrant
- R 7 E S 30 in SE. "
- S 25 in SW. "
- R 6 E S 24 in NW. "
- G R I R in W.
- P L in E.
- 1911 in S.
- 2 notches on S. and 4 notches on N. edge

Build a mound of stone 2 ft. base, 1 1/2 ft. high, W. of cor.

Land, mountainous.
Soil, stony, 3rd rate.

North bet. secs. 19 and 24, along the E. bdy. of the Gila River Indian Reservation.

Over broken west slope of mountain.

40.00 Set an iron post for 1/4 sec. cor. bet. secs. 19 and 24, with cap stamped

- 1/4 S 24 G R I R in W.
- S 19 P L in E.
- 1911 in S.

Build a mound of stone 2 ft. base, 1 1/2 ft. high, W. of cor.

62.00 Summit of jagged peak, brs. NE. and SW.

80.00 Set an iron post for the cor. of secs. 13, 18, 19 and 24, with cap stamped

- T 3 S S 18 in NE. quadrant
- R 7 E S 19 in SE. "
- S 24 in SW. "
- R 6 E S 13 in NW. "
- G R I R in W.
- P L in E.
- 1911 in S.
- 3 notches on N. and S. edges

Build a mound of stone 2 ft. base, 1 1/2 ft. high, W. of cor.

Land, broken and mountainous.
Soil, stony, 3rd rate.

West Boundary of T. 3 S., R. 7 E.

which is a portion of the E. bdy. of the Gila River Indian Res'n.

Chains	
	North bet. secs. 13 and 18.
	Over broken, mountainous land.
40.00	Set an iron post for $\frac{1}{4}$ sec. cor. bet. secs. 13 and 18, with cap stamped
	$\frac{1}{4}$ S 13 G R I R in W. S 18 P L in E. 1911 in S.
	Build a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor.
80.00	Set an iron post for the cor. of secs. 7, 12, 13 and 18, with cap stamped
	T 3 S S 7 in NE. quadrant R 7 E S 18 in SE. " S 13 in SW. " R 6 E S 12 in NW. " G R I R in W. P L in E. 1911 in S. 4 notches on S. and 2 notches on N. edge
	Build a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor.
	Land, broken and mountainous. Soil, stony, 3rd rate.

	North bet. secs. 7 and 12, along E. bdy. of the Gila River Indian Reservation. Over broken, mountainous land.
40.00	Set an iron post for $\frac{1}{4}$ sec. cor. bet. secs. 7 and 12, with cap stamped
	$\frac{1}{4}$ S 12 G R I R in W. S 7 P L in E. 1911 in S.
	Build a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor.
80.00	Leave mountainous land; enter nearly level land. Set an iron post for the cor. of secs. 1, 6, 7 and 12, with cap stamped
	T 3 S S 6 in NE. quadrant R 7 E S 7 in SE. " S 12 in SW. " R 6 E S 1 in NW. " G R I R in W. P L in E. 1911 in S. 5 notches on S. and 1 notch on N. edge
	Dig pits 18x18x12 ins. in each sec. $5\frac{1}{2}$ ft. dist.; and raise a mound of earth 4 ft. base, 2 ft. high, W. of cor.
	Land, level and mountainous. Soil, stony, 3rd rate.

West Boundary of T. 3 S., R. 7 E.

which is a portion of the E. bdy. of the Gila River Indian Res'n.

Chains

North bet. secs. 1 and 6, along the E. bdy. of the Gila River Indian Reservation.

Over nearly level land, through scattered brush.

40.00 Set an iron post for the $\frac{1}{4}$ sec. cor. bet. secs. 1 and 6, with cap stamped

$\frac{1}{4}$ S 1 G R I R in W.
S 6 P L in E.
1911 in S.

Dig pits 18x18x12 ins. N. and S. of post 3 ft. dist.; and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, W. of cor.

80.00 Set an iron post 3 ft. long, 3 ins. dia., 26 ins. in the ground, for the cor. of Tps. 2 and 3 S., Rgs. 6 and 7 E., with cap stamped

T 2 S 8 31 in NE. quadrant
R 7 E 8 6 in SE. "
T 3 S 8 1 in SW. "
R 6 E 8 36 in NW. "
P L in NE.
G R I R in SW.
1911 in S.
6 notches on N., E., S. and W. edges

Dig pits 24x24x12 ins., on each line, N., E., and W. 4 ft., and S. of post 8 ft. dist.; and raise a mound of earth 4 ft. base, 2 ft. high, S. of cor.

Land, level.
Soil, sandy loam, 1st rate.
Scattered brush, full distance.

Note: Previous to establishing the above corner, I make diligent search for the original cor. of Tps. 2 and 3 S., Rgs. 6 and 7 E., or for other corners in the vicinity by which I might reestablish this corner. Since I am unable to find any trace of an old corner of any kind, I establish this corner as an angle point on the reservation boundary. The line bet. Ranges 6 and 7 E., T. 3 S., had never been surveyed, previously.

Feb. 26, 1911.



North Boundary of T. 3 S., R. 6 E.

which is a portion of N. bdy. of Gila River Indian Reservation

Chains

Surveyed by Guy P. Harrington, U. S. Surveyor.

The iron posts used in this survey, unless otherwise described, are 3 ft. long, 1 inch in dia., and are set 26 ins. in the ground.

Feb. 27, 1911. At 9 a.m., l.m.t., I set off 33° 12' on the lat. arc, 8° 34' S. on the decl. arc, and determine a meridian with the solar, at the cor. of Tps. 2 and 3 S., Rgs. 6 and 7 E., previously described.

Thence I run

West on a random line along the N. bdy. of T. 3 S., R. 6 E., setting temp. cors. at intervals of 40.00 chs. for the first three miles, and at intervals of 20.00 chs. for the last three miles.

478.88 Intersect the cor. of Tps. 2 and 3 S., Rgs. 5 and 6 E., previously described.

Thence I run

East on a true line, along the N. bdy. of sec. 6, which is also the N. bdy. of the Gila River Indian Reservation.

Over level land, through scattered brush.

1.00 Road, brs. NW. and SE.

7.50 Road, brs. N. and S.

18.88 Set an iron post for 1/16 sec. cor. No. 2, on N. bdy. of sec. 6 (W 1/4), with cap stamped

1/16 S 6 No 2 G R I R 1911 in S.
P L in N.

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high, S. of cor.

38.88 Set an iron post for 1/4 sec. cor. on N. bdy. of sec. 6, with cap stamped

1/4 S 6 G R I R 1911 in S.
P L in N.

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high, S. of cor.

42.55 Road, brs. N. and S.

58.88 Set an iron post for 1/16 sec. cor. No. 1, on N. bdy. of sec. 6 (E 1/4), with cap stamped

1/16 S 6 No 1 G R I R 1911 in S.
P L in N.

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high, S. of cor.

78.88 Set an iron post for cor. of secs. 5 and 6, with cap

Resurvey of

North Boundary of T. 3 S., R. 6 E.

which is a portion of N. bdy. of Gila River Indian Reservation

Chains	
	<p>stamped</p> <p>T 3 S S 6 in SW. R 6 E S 5 in SE. G R I R 1911 in S. P L in N. 5 notches on E. and 1 on W. edge</p> <p>Dig pits 24x24x12 ins. in each sec. 6 ft. dist.; and raise a mound of earth 4 ft. base, 2 ft. high, S. of cor.</p> <p>Land, level. Soil, sandy loam, 1st rate. Scattered brush, full distance.</p> <p>-----</p> <p>East on a true line along the N. bdy. of sec. 5, which is also the N. bdy. of the Gila River Indian Reservation.</p> <p>Over level bottom land, through scattered brush.</p>
20.00	<p>Set an iron post for 1/16 sec. cor. No. 2, on N. bdy. of sec. 5 (W$\frac{1}{2}$), with cap stamped</p> <p>1/16 S 5 No 2 G R I R 1911 in S. P L in N.</p> <p>Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise a mound of earth 3$\frac{1}{2}$ ft. base, 1$\frac{1}{2}$ ft. high, S. of cor.</p>
40.00	<p>Set an iron post for the $\frac{1}{4}$ sec. cor. on the N. bdy. of sec. 5, with cap stamped</p> <p>$\frac{1}{4}$ S 5 G R I R 1911 in S. P L in N.</p> <p>Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise a mound of earth 3$\frac{1}{2}$ ft. base, 1$\frac{1}{2}$ ft. high, S. of cor.</p>
48.30	<p>Road, brs. S. 30° E. and N. 30° W.</p>
60.00	<p>Set an iron post for 1/16 sec. cor. No. 1, on N. bdy. of sec. 5 (E$\frac{1}{2}$) with cap stamped</p> <p>1/16 S 5 No 1 G R I R 1911 in S. P L in N.</p> <p>Dig pits 18x19x12 ins. E. and W. of post 3 ft. dist.; and raise a mound of earth 3$\frac{1}{2}$ ft. base, 1$\frac{1}{2}$ ft. high, S. of cor.</p>
62.60	<p>Road, brs. N. and S.</p>
80.00	<p>Set an iron post for the cor. of secs. 4 and 5, with cap stamped</p> <p>T 3 S S 5 in SW. R 6 E S 4 in SE. G R I R 1911 in S. P L in N. 4 notches on E. and 2 on W. edges</p> <p>Dig pits 24x24x12 ins. in each sec. 6 ft. dist.; and raise a mound of earth 4 ft. base, 2 ft. high, S. of cor.</p> <p>Land, level.</p>

North Boundary of T. 3 S., R. 6 E.

which is a portion of N. bdy. of Gila River Indian Reservation

Chains

Soil, sandy loam, 1st rate.
Scattered brush, 80.00 chs.

East on a true line along the N. bdy. of sec. 4, which is
also the N. bdy. of the Gila River Indian Reservation.

Over level bottom, through scattered brush.

20.00 Set an iron post for 1/16 sec. cor. No. 2, on the N. bdy.
of sec. 4 ($\frac{1}{16}$), with cap stamped

1/16 S 4 No 2 G R I R 1911 in S.
P L in N.

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.;
and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high,
S. of cor.

40.00 Set an iron post for the $\frac{1}{4}$ sec. cor. on the N. bdy. of sec.
4, with cap stamped

$\frac{1}{4}$ S 4 G R I R 1911 in S.
P L in N.

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.;
and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high,
S. of cor.

43.95 Road, brs. NE. and SW.

60.00 Set an iron post for 1/16 sec. cor. No. 1, on the N. bdy.
of sec. 4 ($\frac{1}{16}$), with cap stamped

1/16 S 4 No 1 G R I R 1911 in S.
P L in N.

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.;
and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high,
S. of cor.

61.10 Road, brs. N. and S.

80.00 Set an iron post for the cor. of secs. 3 and 4, with
cap stamped

T 3 S S 4 in SW.
R 6 E S 3 in SE.
G R I R 1911 in S.
P L in N.

3 notches on E. and W. edges

Dig pits 24x24x12 ins. in each sec. 6 ft. dist.; and
raise a mound of earth 4 ft. base, 2 ft. high, S. of
cor.

Land, level.
Soil, sandy loam, 1st rate.
Scattered brush, 80.00 chs.

East on a true line along the N. bdy. of sec. 3, which is
also the N. bdy. of the Gila River Indian Reservation.

Over broken land, through scattered brush.

40.00 Set an iron post for $\frac{1}{4}$ sec. cor. on the N. bdy. of sec. 3,
with cap stamped

North Boundary of T. 3 S., R. 6 E.

which is a portion of N. bdy. of Gila River Indian Reservation

Chains

$\frac{1}{4}$ S 3 G R I R 1911 in S.
P L in N.

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.;
and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high,
S. of cor.

74.00 Road, brs. N. 60° E. and S. 60° W.

78.00 Begin steep ascent of rocky butte.

80.00 Set an iron post for cor. of secs. 2 and 3, with cap
stamped

T 3 S S 3 in SW.
R 6 E S 2 in SE.
G R I R 1911 in S.
P L in N.
2 notches on E. and 4 notches on W. edge

Build a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high, S. of
cor.

Land, broken.
Soil, stony, 3rd rate.
Scattered brush, 80.00 chs.

East on a true line along the N. bdy. of sec. 2, which is
also the N. bdy. of the Gila River Indian Reservation.

Continuing rocky ascent.

5.00 Summit of ascent on N. slope of butte.
Thence descend NE. slope.

10.00 Foot of broken descent, brs. NW. and SE.
Thence over nearly level land.

40.00 Set an iron post for $\frac{1}{4}$ sec. cor. on the N. bdy. of sec. 2,
with cap stamped

$\frac{1}{4}$ S 2 G R I R 1911 in S.
P L in N.

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.;
and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high,
S. of cor.

80.00 Set an iron post for the cor. of secs. 1 and 2, with cap
stamped

T 3 S S 2 in SW.
R 6 E S 1 in SE.
G R I R 1911 in S.
P L in N.
1 notch on E. and 5 notches on W. edge

Dig pits 24x24x12 ins. in each sec., 6 ft. dist.; and
raise a mound of earth 4 ft. base, 2 ft. high, S. of
cor.

Land, broken and nearly level.
Soil, stony, 3rd rate.
Scattered brush, 80.00 chs.

North Boundary of T. 3 S., R. 6 E.

which is a portion of N. bdy. of Gila River Indian Reservation

Chains

East on a true line along the N. bdy. of sec. 1, which is also the N. bdy. of the Gila River Indian Reservation.

Over nearly level land.

40.00 Set an iron post for $\frac{1}{4}$ sec. cor. on the N. bdy. of sec. 1, with cap stamped

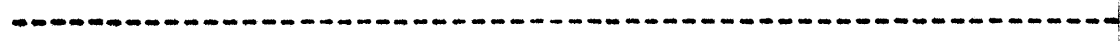
$\frac{1}{4}$ S 1 G R I R 1911 in S.
P L in N.

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, S. of cor.

80.00 The cor. of Tps. 2 and 3 S., Rgs. 6 and 7 E., at angle point on the reservation bdy.

Land, nearly level.
Soil, stony, 3rd rate.
Scattered brush, 80.00 chs.

Feb. 27, 1911.



Resurvey of

West Boundary of T. 3 S., R. 5 E.

Chains

Surveyed by Guy P. Harrington, U. S. Surveyor.

The iron posts used in this survey, unless otherwise described, are 3 ft. long, 1 inch in diameter, and are set 26 ins. in the ground.

Feb. 13, 1911. At 8 a.m., l.m.t., I set off 33° 07' on the lat. arc, 13° 33' S. on the decl. arc, and determine a meridian with the solar, at the cor. of Tps. 3 and 4 S., Rgs. 4 and 5 E., previously described.

Thence I run

North bet. secs. 31 and 36.

Over level land, through sage and scattered mesquite brush.

11.50 Road, brs. E. and W.

19.80 Road, brs. N. 70° W. and S. 70° E.

20.00 Set an iron post for 1/16 sec. cor. No. 12, bet. secs. 31 and 36 (S $\frac{1}{2}$), with cap stamped

1/16 S 36 in W. half
S 31 in E. half
No 12 1911 in S.

Dig pits 18x18x12 ins. N. and S. of post 3 ft. dist.; and raise a mound of earth 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor.

22.00 Road, brs. E. and W.

28.00 Enter dense mesquite thicket, brs. E. and W.

30.00 Road, brs. N. 60° E. and S. 60° W.
Thence through clearing.

37.50 Brush fence, brs. N. 60° W. and S. 60° E.
Enter cultivated field.

40.00 Set an iron post for $\frac{1}{4}$ sec. cor. bet. secs. 31 and 36, with cap stamped

$\frac{1}{4}$ S 36 in W. half
S 31 in E. half
1911 in S.

Dig pits 18x18x12 ins. N. and S. of post 3 ft. dist.; and raise a mound of earth 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor.

44.00 Brush fence, brs. N. 80° E. and S. 80° W.

51.00 Lateral ditch, brs. N. 30° E. and S. 30° W.

60.00 Set an iron post for 1/16 sec. cor. No. 6, bet. secs. 31 and 36 (N $\frac{1}{2}$), with cap stamped

1/16 S 36 in W. half
S 31 in E. half
No 6 1911 in S.

Dig pits 18x18x12 ins. N. and S. of post 3 ft. dist.;

Resurvey of
West Boundary of T. 3 S., R. 5 E.

Chains

and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high,
W. of cor.

- 60.50 Wire fence, brs. N. 30° E. and S. 30° W.
63.00 Road, brs. E. and W.
63.10 Wire fence, brs. E. and W.
63.20 Irrigation ditch, brs. E. and W.
68.00 Brush fence, brs. N. 30° E. and S. 30° W.
68.10 Lateral ditch, brs. N. 30° E. and S. 30° W.
73.00 Wire fence, brs. N. 60° W. and S. 60° E.
80.00 Set an iron post for the cor. of secs. 25, 30, 31 and 36,
with cap stamped

T 3 S S 30 in NE. quadrant
R 5 E S 31 in SE. "
S 36 in SW. "
R 4 E S 25 in NW. "
1911 in S.
5 notches on N. and 1 notch on S. edge

Dig pits $18 \times 18 \times 12$ ins. in each sec. $5\frac{1}{2}$ ft. dist., and
raise a mound of earth 4 ft. base, 2 ft. high, W. of
cor.

Land, level; 42.50 chs. cultivated.
Soil, sandy loam, 1st rate.
Scattered and dense brush of sage, and mesquite, 37.50
chs.

North bet. secs. 25 and 30.

Over level land, through cultivated field.

- 4.20 Lateral ditch, brs. N. 60° W. and S. 60° E.
5.90 Wire fence, brs. N. 60° W. and S. 60° E.
6.10 Road, brs. N. 60° W. and S. 60° E.
6.20 Wire fence, brs. N. 60° W. and S. 60° E.
6.50 Indians' cabins bear West 15 lks., and East 2.00 chs. dist.
respectively.
8.00 Irrigation canal, brs. N. 60° W. and S. 60° E.
12.00 Lateral ditch, brs. N. 30° W. and S. 30° E.
20.00 Set an iron post for $1/16$ sec. cor. No. 12, bet. secs. 25
and 30 ($S\frac{1}{2}$), with cap stamped

$1/16$ S 25 in W. half
S 30 in E. half
No 12 1911 in S.

Dig pits $18 \times 18 \times 12$ ins. N. and S. of post 3 ft. dist.;
and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high,
W. of cor.

- 24.50 Wire fence, brs. N. 60° W. and S. 60° E.

Resurvey of

West Boundary of T. 3 S., R. 5 E.

Chains	
26.15	Wire fence, brs. N. 30° E. and S. 30° W.
29.00	Lateral ditch, brs. N. 60° W. and S. 60° E.
40.00	Set an iron post for the ¼ sec. cor. bet. secs. 25 and 30, with cap stamped
	¼ S 25 in W. half S 30 in E. half 1911 in S.
	Dig pits 18x18x12 ins. N. and S. of post 3 ft. dist.; and raise a mound of earth 3½ ft. base, 1½ ft. high, W. of cor.
40.20	Wire fence, brs. S. 70° W. and N. 70° E.
40.30	Main irrigation canal, 30 lks. wide, brs. S. 60° E., and at this point branches to N. 30° W. and to West.
	There is a wagon bridge at this junction, and a road runs N. 60° W. along canal.
41.20	Wire fence, brs. N. 60° W. and S. 60° E. along road, An Indian village of about five families, brs. East 5.00 chs. dist.
44.50	Wire fence, brs. N. 45° W. and S. 45° E.
46.00	Road, brs. N. 60° W. and S. 60° E.
47.00	Wire fence, brs. N. 60° W. and S. 60° E.
60.00	Set an iron post for the 1/16 sec. cor. No. 6, bet. secs. 25 and 30 (N½), with cap stamped
	1/16 S 25 in W. half S 30 in E. half No 6 1911 in S.
	Dig pits 18x18x12 ins. N. and S. of post 3 ft. dist.; and raise a mound of earth 3½ ft. base, 1½ ft. high, W. of cor.
	Leave cultivated field, brs. N. 60° W. and S. 60° E. Enter dense mesquite brush.
68.50	Wire fence, brs. N. 30° E. and S. 30° W.
70.00	Road, brs. N. 30° E. and S. 30° W.
73.70	Bend in road from S. 30° W. to N. 60° W.
75.00	Lateral ditch, brs. N. 60° E. and S. 60° W.
76.00	Irrigation ditch, brs. N. 60° W. and S. 60° E.
78.00	Wire fence, brs. N. 60° W. and S. 60° E.
80.00	Set an iron post for the cor. of secs. 19, 24, 25 and 30, with cap stamped
	T 3 S S 19 in NE. quadrant R 5 E S 30 in SE. " S 25 in SW. " R 4 E S 24 in NW. " 1911 in S. 4 notches on N. and 2 notches on S. edge

Resurvey of
West Boundary of T. 3 S., R. 5 E.

Chains

Dig pits 18x18x12 ins. in each sec. 5 1/2 ft. dist.; and raise a mound of earth 4 ft. base, 2 ft. high, W. of cor.

Land, level; 60.00 chs. cultivated.
Soil, sandy loam, 1st rate.
Dense mesquite brush, 20.00 chs.

North bet. secs. 19 and 24.

Over level land, through dense mesquite brush.

- 1.00 Leave mesquite brush, brs. E. and W.
Enter cultivated field.
- 9.00 Wire fence and lateral ditch, bear N. 30° E. and S. 30° W.
- 16.00 Wire fence and lateral ditch, brs. N. 60° W. and S. 60° E.
- 20.00 Left bank of Gila River, course W.
Set an iron post for 1/16 sec. cor. No. 12, bet. secs. 19 and 24 (S 1/4), and for M.C. bet. secs. 19 and 24, with cap stamped

M C in N.
1/16 S 24 in W. half
S 19 in E. half
No 12 1911 in S., from which

A cottonwood 7 ins. dia. brs. N. 34 1/2° W., 70 lks. dist.
Mkd. 1/16 S 24 B T.

Dig pits 18x18x12 ins. N. and S. of post 3 ft. dist.; and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high, W. of cor.

Thence over river channel.

- 40.00 Point for 1/4 sec. cor. bet. secs 19 and 24, falls in river channel.
- 60.00 Point for 1/16 sec. cor. No. 6, bet. secs. 19 and 24, (N 1/2) falls in river channel.
- 80.00 Point for cor. of secs. 13, 18, 19 and 24, falls in river channel.

Land, level; 20.00 chs.; - cultivated 19.00 chs.;
river channel, 60.00 chs.
Soil, sandy loam, 1st rate.

From point for cor. of secs. 13, 18, 19 and 24, which falls in channel of Gila River, I run

North bet. secs. 13 and 18.

Through river channel.

- 12.00 Right bank of Gila River, course NW.
Set an iron post for M.C. bet. secs. 13 and 18, with cap stamped

M C 1911 in S.
T 3 S R 5 E S 18 in NE.
R 4 E S 13 in NW.
6 notches on E. and W. edge

Resurvey of
West Boundary of T. 3 S., R. 5 E.

Chains

Dig a pit 36x36x12 ins. 8 ft. N. of post; and raise a mound of earth 4 ft. base, 2 ft. high, N. of cor.

Thence over level land, through dense willow and mesquite brush.

20.00 Set an iron post for 1/16 sec. cor. No. 12, bet. secs. 13 and 18 (S $\frac{1}{2}$), with cap stamped

1/16 S 13 in W. half
S 18 in E. half
No 12 1911 in S.

Dig pits 18x18x12 ins. N. and S. of post 3 ft. dist.; and raise a mound of earth 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor.

24.00 Irrigation canal, brs. N. 75° W. and S. 75° E.

40.00 Set an iron post for $\frac{1}{4}$ sec. cor. bet. secs. 13 and 18, with cap stamped

$\frac{1}{4}$ S 13 in W. half
S 18 in E. half
1911 in S.

Dig pits 18x18x12 ins. N. and S. of post 3 ft. dist.; and raise a mound of earth 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor.

60.00 Set an iron post for 1/16 sec. cor. No. 6, bet. secs. 13 and 18 (N $\frac{1}{2}$) with cap stamped

1/16 S 13 in W. half
S 18 in E. half
No 6 1911 in S.

Dig pits 18x18x12 ins. N. and S. of post 3 ft. dist.; and raise a mound of earth 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor.

Leave dense mesquite brush, brs. E. and W.
Enter sage and scattered chaparral.

62.00 Road, brs. N. 65° W. and S. 65° E.

80.00 Set an iron post for the cor. of secs. 7, 12, 13 and 18, with cap stamped

T 3 S S 7 in NE. quadrant
R 5 E S 18 in SE. "
S 13 in SW. "
R 4 E S 12 in NW. "
1911 in S.
4 notches on S. and 2 notches on N. edge

Dig pits 18x18x12 ins. in each sec. 5 $\frac{1}{2}$ ft. dist.; and raise a mound of earth 4 ft. base, 2 ft. high, W. of cor.

Land, level. 12.00 chs. river channel.
Soil, sandy loam, 1st rate.
Open and dense brush of sage, chaparral, willow and mesquite, 68.00 chs.

Resurvey of
West Boundary of T. 3 S., R. 5 E.

Chains

North bet. secs. 7 and 12.

Over level land, through sage and scattered chaparral,
and mesquite brush.20.00 Set an iron post for 1/16 sec. cor. No. 12, bet. secs. 7
and 12 ($S\frac{1}{2}$), with cap stamped1/16 S 12 in W. half
S 7 in E. half
No 12 1911 in S.Dig pits 18x18x12 ins. N. and S. of post 3 ft. dist.;
and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high,
W. of cor.40.00 Set an iron post for $\frac{1}{4}$ sec. cor. bet. secs. 7 and 12,
with cap stamped $\frac{1}{4}$ S 12 in W. half
S 7 in E. half
1911 in S.Dig pits 18x18x12 ins. N. and S. of post 3 ft. dist.;
and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high,
W. of cor.60.00 Set an iron post for 1/16 sec. cor. No. 6, bet. secs. 7
and 12 ($N\frac{1}{2}$), with cap stamped1/16 S 12 in W. half
S 7 in E. half
No 6 1911 in S.Dig pits 18x18x12 ins. N. and S. of post 3 ft. dist.;
and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high,
W. of cor.80.00 Set an iron post for the cor. of secs. 1, 6, 7 and 12,
with cap stampedT 3 S S 6 in NE. quadrant
R 5 E S 7 in SE. "
S 12 in SW. "
R 4 E S 1 in NW. "
1911 in S.

5 notches on S. and 1 notch on N. edge

Dig pits 18x18x12 ins. in each sec. $5\frac{1}{2}$ ft. dist.; and
raise a mound of earth 4 ft. base, 2 ft. high, W. of
cor.

Land, level.

Soil, sandy loam, 2nd rate.

Dense brush of sage, chaparral, and scattered mesquite,
full distance.

North bet. secs. 1 and 6.

Over level land, through sage and mesquite brush.

20.00 Set an iron post for 1/16 sec. cor. No. 12, bet. secs. 1
and 6 ($S\frac{1}{2}$), with cap stamped1/16 S 1 in W. half
S 6 in E. half
No 12 1911 in S.

Resurvey of
West Boundary of T. 3 S., R. 5 E.

Chains

Dig pits 18x18x12 ins. N. and S. of post 3 ft. dist.;
and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high,
W. of cor.

26.00 Road, brs. N. 25° W. and S. 25° E.

32.25 Road, brs. N. 45° E. and S. 45° W.

40.00 Set an iron post for 1/4 sec. cor. bet. secs. 1 and 6, with
cap stamped

1/4 S 1 in W. half
S 6 in E. half
1911 in S.

Dig pits 18x18x12 ins. N. and S. of post 3 ft. dist.;
and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high,
W. of cor.

60.00 Set an iron post for 1/16 sec. cor. No. 6, bet. secs. 1
and 6 (N 1/2), with cap stamped

1/16 S 1 in W. half
S 6 in E. half
No 6 1911 in S.

Dig pits 18x18x12 ins. N. and S. of post 3 ft. dist.;
and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high,
W. of cor.

72.30 Wire fence, brs. E. and W.

72.38 Intersect the N. bdy. of the Gila River Indian Reserva-
tion, 3.25 chs. N. 89° 06' E. of the old cor. of Tps. 2
and 3 S., Rgs. 4 and 5 E., which now refers to the SW.
cor. of T. 2 S., R. 5 E. only. (For description of original T.P.
cor. see page 117, of this book.

Set an iron post 3 ft. long, 3 ins. dia., 26 ins. in the
ground, for C.C. of Tps. 3 S., Rgs. 4 and 5 E., with
cap stamped

T 3 S R 4 E S 1 in SW.
R 5 E S 6 in SE.
G R I R C C 1911 in S.
P L in NE.
6 notches on E., S. and W. edges

Dig pits 30x24x12 ins., crosswise on each line E. and
W., 4 ft., and S. of post 8 ft. dist.; and raise a
mound of earth 5 ft. base, 2 1/2 ft. high, S. of cor.

Land, level.
Soil, sandy loam, 2nd rate.
Open and dense brush of sage, chaparral and mesquite.

Feb. 13, 1911. At this C.C., I set off 13° 31' S. on the
decl. arc, and at apparent Noon, observe the sun on the
meridian; the resulting lat. is 33° 12', which is the
proper lat.

Feb. 13, 1911.

North Boundary of T. 3 S., R. 5 E.,

which is a portion of the N. bdy. of Gila River Indian Reservation

Chains

Surveyed by Guy P. Harrington, U. S. Surveyor.

The iron posts used in this survey, unless otherwise described, are 3 ft. long, 1 inch in diameter, and are set 26 ins. in the ground.

Feb. 13, 1911.

From the ^{restored} cor. of Tps. 2 and 3 S., Rgs. 5 and 6 E., on the N. bdy. of the Gila River Indian Reservation, heretofore described, I run

West on a random line bet. secs. 1 and 36, along the N. bdy. of the Gila River Indian Reservation.

40.00 No trace of the $\frac{1}{4}$ sec. cor. bet. secs. 1 and 36.

79.75 Falls 32 lks. N. of the cor. of secs. 1, 2, 35 and 36, which is a wooden post 3 ins. sq., 1 ft. above ground, marked with 1 notch on E. and 5 on W. edges, - other marks illegible, - with a marked stone 6 ins. in ground at base of post.

Bearing of true line, S. 89° 46' W.

West on a random line bet. secs. 2 and 35, along the N. bdy. of the Gila River Indian Reservation.

40.68 Falls 162 lks. N. of the $\frac{1}{4}$ sec. bet. secs. 2 and 35, which is a decayed wooden post, 3 ins. sq., and on a piece of post 6 ins. long, I am able to discern a marking of $\frac{1}{4}$. Where post was lying, I dig into the ground and find a granite stone, marked with a cross, 6 ins. below the surface.

Bearing of true line, S. 87° 42' W., and distance 40.73 chs.

Thence I run

S. 89° 05' W. on a random line bet. secs. 2 and 35. ($W\frac{1}{2}$).

40.13 Intersect the cor. of secs. 2, 3, 34 and 35, which is a mesquite post, 3 ins. sq., 1 ft. above ground, with evidence of old markings on post which is badly decayed.

Bearing of true line, S. 89° 05' W.

S. 89° 05' W. on a random line bet. secs. 3 and 34, along the N. bdy. of the Gila River Indian Reservation.

40.13 Falls 4 lks. N. of the $\frac{1}{4}$ sec. cor. bet. secs. 3 and 34, which is a black granite stone, mkd. with a cross at fence cor. The old post was probably destroyed when the fence was built.

Bearing of true line, S. 89° 02' W.

Thence S. 89° 05' W. bet. secs. 3 and 34 ($W\frac{1}{2}$).

Resurvey of

BOOK 2873

North Boundary of T. 3 S., R. 5 E.

which is a portion of the N. bdy. of Gila River Indian Reservation

Chains

40.04 Intersect the cor. of secs. 3, 4, 33 and 34, which is a mesquite post 3 ins. sq., 1 ft. above the ground, mkd. with 3 notches on E. and 3 on W. edges, - other marks illegible.

Bearing of true line, S. 89° 05' W.

Thence S. 89° 06' W. on a random line bet. secs. 4 and 33, along the N. bdy. of the Gila River Indian Reservation.

40.00 No trace of the 1/4 sec. cor. bet. secs. 4 and 33. Set temp. stake.

80.00 No trace of the cor. of secs. 4, 5, 32 and 33. Set temp. stake.

Thence S. 89° 06' W. on a random line bet. secs. 5 and 32.

40.00 No trace of the 1/4 sec. cor. bet. secs. 5 and 32. Set temp. stake.

80.00 No trace of the cor. of secs. 5, 6, 31 and 32. Set temp. stake.

Thence S. 89° 06' W. on a random line bet. secs. 6 and 31.

40.00 No trace of the 1/4 sec. cor. bet. secs. 6 and 31. Set temp. stake.

80.57 Intersect the ^{orig.} cor. of Tps. 2 and 3 S., Rgs. 4 and 5 E., which is a mesquite post at fence corner, 3 ins. sq., 1 ft. above ground, marks partly legible, with a marked stone at base of post. As stated on page 15, this corner now refers to sec. 31, only. Bearing of true line S. 89° 06' W.

After completing the subdivision of T. 3 S., R. 5 E., I find it necessary to establish 1/16 and 1/4 sec. cors. on the N. bdy. of same.

Feb. 26, 1911.

From the ^{restored} cor. of Tps. 2 and 3 S., Rgs. 5 and 6 E., heretofore described, I run

S. 89° 46' W. on a true line along the N. bdy. of sec. 1, which is also the N. bdy. of the Gila River Indian Reservation.

Over level land, through open and dense brush.

20.00 Set an iron post for 1/16 sec. cor. No. 1, on N. bdy. of sec. 1 (E 1/4), with cap stamped

1/16 S 1 No 1 G R I R 1911 in S.
P L in N.

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.;

Resurvey of

North Boundary of T. 3 S., R. 5 E.

which is a portion of the N.bdy. of Gila River Indian Reservation

Chains

and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high, S. of cor.

40.00 Set an iron post for 1/4 sec. cor. on the N. bdy. of sec. 1, with cap stamped

1/4 S 1 G R I R 1911 in S.
P L in N.

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high, S. of cor.

60.00 Set an iron post for 1/16 sec. cor. No. 2, on N. bdy. of sec. 1, (W 1/2), with cap stamped

1/16 S 1 No 2 G R I R 1911 in S.
P L in N.

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high, S. of cor.

79.00 U. S. R. S. transmission line, brs. N. and S.

79.50 Road, brs. N. and S.

79.75 The cor. of secs. 35 and 36.

Thence S. 87° 42' W., continuing measurement.

80.00 The cor. of secs. 1 and 2, previously described (in subdivision notes of T. 3 S., R. 5 E.)

Land, level.
Soil, sandy, loam, 1st rate.
Open and dense brush, full distance.

Thence S. 87° 42' W. on a true line along the N. bdy. of sec. 2, which is also the N. bdy. of the Gila River Indian Reservation.

Over level land, through dense brush.

19.50 Road, brs. N. and S.

20.00 Set an iron post for 1/16 sec. cor. No. 1, on the N. bdy. of sec. 2 (E 1/2), with cap stamped

1/16 S 2 No 1 G R I R 1911 in S.
P L in N.

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high, S. of cor.

40.00 Set an iron post for 1/4 sec. cor. on N. bdy. of sec. 2, with cap stamped

1/4 S 2 G R I R 1911. in S.
P L in N.

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high, S. of cor.

40.48 The 1/4 sec. cor. for sec. 35, previously described.

Resurvey of

North Boundary of T. 3 S., R. 5 E.

BOOK 2873

which is a portion of the N.bdy. of Gila River Indian Reservation

Chains

Thence S. 89° 05' W., continuing measurement.

60.00 Set an iron post for 1/16 sec. cor. No. 2, on the N. bdy. of sec. 2 (W $\frac{1}{2}$), with cap stamped

1/16 S 2 No 2 G R I R 1911 in S.
P L in N.

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise a mound of earth 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, S. of cor.

80.00 The cor. of secs. 2 and 3, previously described (in subdivision notes of T. 3 S., R. 5 E.)

Land, level.
Soil, sandy loam, 1st rate.
Open and dense brush, full distance.

Thence S. 89° 05' W. on a true line along the N. bdy. of sec. 3, which is also the N. bdy. of the Gila River Indian Reservation.

Over level bottom land, through scattered brush.

0.61 The cor. of secs. 34 and 35, heretofore described.

Thence S. 89° 02' W., continuing measurement.

19.99 Set an iron post for 1/16 sec. cor. No. 1, on the N. bdy. of sec. 3 (E $\frac{1}{2}$), with cap stamped

1/16 S 3 No 1 G R I R 1911 in S.
P L in N.

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise a mound of earth 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, S. of cor.

39.98 Set an iron post for $\frac{1}{4}$ sec. cor. on N. bdy. of sec. 3, with cap stamped

$\frac{1}{4}$ S 3 G R I R 1911 in S.
P L in N.

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise a mound of earth 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, S. of cor.

40.74 The $\frac{1}{4}$ sec. cor. for sec. 34, previously described.

Thence S. 89° 05' W., continuing measurement.

59.97 Set an iron post for 1/16 sec. cor. No. 2, on the N. bdy. of sec. 3 (W $\frac{1}{2}$), with cap stamped

1/16 S 3 No 2 G R I R 1911 in S.
P L in N.

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise a mound of earth 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, S. of cor.

79.96 The cor. of secs. 3 and 4, previously described (in subdivision of T. 3 S., R. 5 E.)

Land, level.
Soil, sandy loam, 1st rate.
Open brush, full distance,

Resurvey of

North Boundary of T. 3 S., R. 5 E.

BOOK 2878

which is a portion of the N.bdy.of Gila River Indian Reservation

Chains

Thence S. 89° 05' W. on a true line along the N. bdy. of sec. 4, which is also the N. bdy. of the Gila River Indian Reservation.

Over level land, through dense brush.

0.82 The cor. of secs. 33 and 34, previously described.

Thence S. 89° 06' W., continuing measurement.

19.99 Set an iron post for 1/16 sec. cor. No. 1, on the N. bdy. of sec. 4 (E 1/2), with cap stamped

1/16 S 4 No 1 G R I R 1911 in S.
P L in N.

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high, S. of cor.

39.98 Set an iron post for 1/4 sec. cor. on the N. bdy. of sec. 4, with cap stamped

1/4 S 4 G R I R 1911 in S.
P L in N.

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high, S. of cor.

59.97 Set an iron post for 1/16 sec. cor. No. 2, on the N. bdy. of sec. 4 (W 1/2), with cap stamped

1/16 S 4 No 2 G R I R 1911 in S.
P L in N.

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high, S. of cor.

79.96 The cor. of secs. 4 and 5, previously described (in subdivision notes of T. 3 S., R. 5 E.)

Land, level.
Soil, sandy loam, 2nd rate.
Open and dense brush, full distance.

Thence S. 89° 06' W. on a true line along the N. bdy. of sec. 5, which is also the N. bdy. of the Gila River Indian Reservation.

Over level land, through scattered brush.

19.96 Set an iron post for 1/16 sec. cor. No. 1, on the N. bdy. of sec. 5 (E 1/2), with cap stamped

1/16 S 5 No 1 G R I R 1911 in S.
P L in N.

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high, S. of cor.

39.92 Set an iron post for 1/4 sec. cor. on the N. bdy. of sec. 5, with cap stamped

1/4 S 5 G R I R 1911 in S.
P L in S.

Resurvey of

North Boundary of T. 3 S., R. 5 E.

which is a portion of the N.bdy.of Gila River Indian Reservation

Chains

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high, S. of cor.

59.88 Set an iron post for 1/16 sec. cor. No. 2, on the N. bdy. of sec. 5, (W 1/2), with cap stamped

1/16 S 5 No 2 G R I R 1911 in S.
P L in N.

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high, S. of cor.

79.84 The cor. of secs. 5 and 6, heretofore described (in subdivision notes of T. 3 S., R. 5 E.)

Land, level.
Soil, sandy loam, 2nd rate.
Open and dense brush, full distance.

Thence S. 89° 06' W. on a true line along the N. bdy. of sec. 6, which is also the N. bdy. of the Gila River Indian Reservation.

Over level land, through scattered brush.

20.00 Set an iron post for 1/16 sec. cor. No. 1, on the N. bdy. of sec. 6, (E 1/2) with cap stamped

1/16 S 6 No 1 G R I R 1911 in S.
P L in N.

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high, S. of cor.

40.00 Set an iron post for the 1/4 sec. cor. on N. bdy. of sec. 6, with cap stamped

1/4 S 6 G R I R 1911 in S.
P L in S.

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high, S. of cor.

60.00 Set an iron post for 1/16 sec. cor. No. 2, on the N. bdy. of sec. 6, (W 1/2), with cap stamped

1/16 S 6 No 2 G R I R 1911 in S.
P L in N.

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high, S. of cor.

78.34 The C.C. of Tps. 3 S., Rgs. 4 and 5 E., previously described.

81.59 The SW. cor. of T. 2 S., R. 5 E., previously described.

Land, level.
Soil, sandy loam, 2nd rate.
Open and dense brush, full distance.

West Boundary of T. 2 S., R. 5 E.

which is also a portion of the Gila River Indian Res'n boundary.

Chains

Surveyed by Guy P. Harrington, U. S. Surveyor.

March 1, 1911. At 8 a.m., l.m.t., I set off $33^{\circ} 12'$ on the lat. arc, $7^{\circ} 49'$ S. on the decl. arc, and determine a meridian with the solar, at the SW. cor. of T. 2 S., R. 5 E., previously described, which was originally a corner for four townships, and is an angle point on the reservation boundary.

Thence I run

North on a random line along the W. bdy. of sec. 31, which is also the Gila River Indian Reservation boundary.

Along wire fence; through dense mesquite brush.

40.09 Falls 14 lks. E. of the $\frac{1}{4}$ sec. cor. for sec. 31, which I reestablish by measuring N. $33\frac{1}{2}^{\circ}$ E., 55 lks. from a mesquite tree 12 ins. in dia., mkd. $\frac{1}{4}$ S., as described in notes of original survey.

Bearing of true line N. $0^{\circ} 12'$ W.

Thence North on a random line along the W. bdy. of sec. 31 ($N\frac{1}{2}$).

Over level land, through dense mesquite brush, along wire fence.

39.94 Falls 31 lks. E. of the cor. of secs. 30 and 31, which I locate from the old bearing tree in sec. 36, and stump of old Bearing tree for sec. 25. This stump of old bearing tree is now in sec. 36.

Bearing of true line, N. $0^{\circ} 27'$ W.

Land, level.

Soil, black loam, 1st rate.

Dense mesquite brush, full distance.

Thence North on a random line along the W. bdy. of sec. 30, which is also the Gila River Indian Reservation boundary.

Over level land, through scattered and dense mesquite brush, along wire fence.

40.00 No trace of the $\frac{1}{4}$ sec. cor.

79.73 Falls 7 lks. E. of cor. of secs. 19 and 30, which consists of a marked stone 3 ins. under ground, 12x6x6 ins., marked with a cross. No evidence of old post. Cor. set under wire fence.

Bearing of true line, N. $0^{\circ} 3'$ W.

Land, level.

Soil, black loam, 1st rate.

Open and dense brush of mesquite and sage, full distance.

West Boundary of T. 2 S., R. 5 E.

which is also a portion of the Gila River Indian Res'n boundary.

Chains

Thence North on a random line along the W. bdy. of sec. 19.
(S $\frac{1}{2}$), which is also the Gila River Indian Reservation
bdy.

Over level land, through sage and scattered mesquite brush,
along wire fence.

40.13 Falls 26 lks. E. of the $\frac{1}{4}$ sec. cor. for sec. 19, which is
a mesquite post, 2 ins. sq., 1 ft. above ground, mkd.
 $\frac{1}{4}$ S. The post is badly decayed.

Bearing of true line, N. 0° 22' W.

Thence North on a random line along the W. bdy. of sec. 19,
(N $\frac{1}{2}$), which is also the Gila River Indian Reservation
bdy.

Over level land, through scattered brush, along wire fence.

40.00 No trace of the cor. of secs. 18 and 19.

Continue random line North along the W. bdy. of sec. 18,
(S $\frac{1}{2}$).

80.28 Falls 42 lks. E. of the $\frac{1}{4}$ sec. cor. of sec. 18, which is
a granite stone 6x6x4 ins., marked with a cross, and set
4 ins. in ground. I find no trace of the old post.

Bearing of true line, N. 0° 18' W.

Land, level.

Soil, sandy loam, 2nd rate.

Scattered brush of sage, mesquite, and chaparral, 80.28
chs.

Thence North on a random line along the W. bdy. of sec. 18
(N $\frac{1}{2}$), which is also the Gila River Indian Reservation
boundary.

Over level land, through scattered chaparral and mesquite
brush, along wire fence.

40.09 Falls 17 lks. E. of the cor. of secs. 7 and 18, which is
a mesquite post, badly decayed, 3 ins. sq., 1 ft. above
ground, old markings partly legible.

Bearing of true line, N. 0° 15' W.

Land, level.

Soil, sandy loam, 2nd rate.

Open and dense brush of sage, mesquite and chaparral,
40.09 chs.

Thence North on a random line along the W. bdy. of sec. 7,
which is also the Gila River Indian Reservation bdy.

Over level land, through dense and scattered chaparral and
mesquite brush, along wire fence.

40.00 No trace of the $\frac{1}{4}$ sec. cor. of sec. 7.

79.85 Falls 86 lks. E. of the cor. of secs. 6 and 7, which is
a mesquite post 2 ins. sq., 1 ft. above ground, marks
only partially legible, set alongside corner post of
fence.

Resurvey of

BOOK 2876

West Boundary of T. 2 S., R. 5 E.

which is also a portion of the Gila River Indian Res'n Boundary

Chains

Bearing of true line, N. 0° 37' W.

Land, level.

Soil, sandy loam, 1st rate.

Open and dense brush of chaparral and mesquite, 79.85 chs.

Thence North on a random line along the W. bdy. of sec. 6, which is also the Gila River Indian Reservation bdy.

Over level land, through scattered brush, along wire fence.

40.00 No trace of the 1/4 sec. cor. of sec. 6.

83.71 U. S. G. S. Bench Mark on line.

85.51 Falls 12 lks. E. of the old cor. of Tps. 1 and 2 S., Rgs. 4 and 5 E., which is a marked stone at base of fence post 12x12x12 ins., 8 ins. in ground. I find no trace of the old post, which was probably destroyed when fence was built. At this corner, a wire fence from the east joins the wire fence on line.

Bearing of true line N. 0° 5' W.

Land, level.

Soil, sandy loam, 1st rate.

Open and dense brush of sage, chaparral and mesquite.

March 1, 1911. At the above cor., I set off 7° 46' S. on the decl. arc, and at apparent noon, observe the sun on the meridian; the resulting lat. is 33° 17', which is the correct lat.

Resurvey of

North Boundary of T. 2 S., R. 4 E.

which is also a portion of the Gila River Indian Reservation bdy.

Chains

Surveyed by Guy P. Harrington, U. S. Surveyor.

restored

From the cor. of Tps. 1 and 2 S., Rgs. 4 and 5 E., previously described, I run

West on a random line bet. secs. 1 and 36, which is also the N. bdy. of the Gila River Indian Reservation.

40.00 No trace of the 1/4 sec. cor. bet. 1 and 36.

80.00 No trace of the cor. of secs. 2, 3, 34 and 35.

Continue random line West bet. secs. 2 and 35.

120.56 Falls 280 lks. N. of the old 1/4 sec. cor. bet. secs. 2 and 35, which is a decayed mesquite post 2 ins. sq., 1 ft. above ground, marked 1/4. Other marks illegible.

Bearing of true line bet. the above cors., S. 88° 40' W.

Thence West on a random line bet. secs. 2 and 35, which is also the N. bdy. of the reservation.

40.00 No trace of the cor. of secs. 2, 3, 34 and 35.

80.00 No trace of the old 1/4 sec. cor. bet. secs. 3 and 34.

120.00 No trace of the old cor. of secs. 3, 4, 33 and 34.

160.00 No trace of the old 1/4 sec. cor. bet. secs. 4 and 33.

201.05 Falls 44 lks. N. of the old cor. of secs. 4, 5, 32 and 33, which is a mesquite post 3 ins. sq., 1 ft. above ground, mkd. with 4 notches on E. and 2 on W. edge. Other marks partly legible.

Bearing of true line, S. 89° 53' W.

Thence West on a random line bet. secs. 5 and 32, along the N. bdy. of the reservation.

40.00 No trace of the old 1/4 sec. cor.

80.00 Falls 18 lks. N. of the old cor. of secs. 5, 6, 31 and 32, which is a granite stone 6x6x6 ins., above ground, mkd. with 5 notches on W. and 1 notch on E. edge. I find no trace of a wooden post. This stone has been accepted as the corner by settlers on the North for a number of years.

Bearing of true line S. 89° 52' W.

Thence West on a random line bet. secs. 6 and 31, along the N. bdy. of the reservation.

40.00 No trace of the old 1/4 sec. cor. bet. secs. 6 and 31.

78.14 Falls 14 lks. N. of the old cor. of Tps. 1 and 2 S., Rgs. 3 and 4 E., which is a palo fierro post, 4 ins. sq., 1 1/2 ft. above ground, marked with 6 notches on N., S.,

North Boundary of T. 2 S., R. 4 E.

which is also a portion of the Gila River Indian Res'n boundary

Chains

E. and W. edges, and T 1 S S 31 on NE., R 4 E S 6 on SE., T 2 S S 1 on SW., and R 3 E S 31 on NW. face.

Bearing of true line, S. 89° 54' W.

From this cor., U. S. G. S. bench mark, stamped 1168, brs. N. 47° W., 32 lks. dist.

The iron posts used in the following survey are 3 ft. long, 1 inch in diameter and are set 26 ins. in the ground.

March 10, 1911.

After completing the subdivision of T. 2 S., R. 4 E., I return to the cor. of Tps. 1 and 2 S., Rgs. 4 and 5 E.

Thence I run

S. 88° 40' W. on a true line along the N. bdy. of sec. 1, which is also the N. bdy. of the Gila River Indian Res'n.

Over level land, through chaparral and sage brush.

0.20 Road, brs. N. and S.

14.30 Set an iron post for 1/16 sec. cor. No. 1, on the N. bdy. of sec. 1, (E $\frac{1}{2}$), with cap stamped

1/16 S 1 No 1 G R I R 1911 in S.
P L in N.

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise a mound of earth 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, S. of cor.

22.25 Road, brs. N. 25° W. and S. 25° E.

34.30 Set an iron post for $\frac{1}{4}$ sec. cor. on N. bdy. of sec. 1, with cap stamped

$\frac{1}{4}$ S 1 G R I R 1911 in S.
P L in N.

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise a mound of earth 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, S. of cor.

54.30 Set an iron post for 1/16 sec. cor. No. 2, on the N. bdy. of sec. 1 (W $\frac{1}{2}$), with cap stamped

1/16 S 1 No 2 G R I R 1911 in S.
P L in N.

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise a mound of earth 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, S. of cor.

74.30 The cor. of secs. 1 and 2, previously described (in subdivision notes of T. 2 S., R. 4 E.)

Land, level.

Soil, sandy loam, 1st rate.

Open brush of sage, mesquite and chaparral, 74.30 chs.

Thence S. 88° 40' W. on a true line along the N. bdy. of sec. 2, which is also the N. bdy. of the Gila River Indian Res'n.

Resurvey of

North Boundary of T. 2 S., R. 4 E.

which is also a portion of the Gila River Indian Res'n boundary.

Chains	
	Through scattered brush of chaparral and dense brush of sage.
1.50	Road, brs. N. 10° E. and S. 10° W.
20.00	Set an iron post for 1/16 sec. cor. ^{No.1} on the N. bdy. of sec. 2, (E $\frac{1}{2}$), with cap stamped 1/16 S 2 No 1 G R I R 1911 in S. P L in N. Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise a mound of earth 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, S. of cor.
22.50	Road, brs. N. 65° W. and S. 65° E.
27.00	Road, brs. N. 60° E. and S. 60° W.
36.00	Road, brs. N. 20° E. and S. 20° W.
40.00	Set an iron post for $\frac{1}{4}$ sec. cor. on the N. bdy. of sec. 2, with cap stamped $\frac{1}{4}$ S 2 G R I R 1911 in S. P L in N. Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise a mound of earth 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, S. of cor.
46.26	The old $\frac{1}{4}$ sec. cor. bet. secs. 2 and 35 , heretofore described. This cor. will now refer to sec. 35, only. Thence S. 89° 53' W. continuing measurement from cor. of secs. 1 and 2.
55.50	Road, brs. N. 10° E. and S. 10° W.
60.00	Set an iron post for 1/16 sec. cor. No. 2, on the N. bdy. of sec. 2, (W $\frac{1}{2}$), with cap stamped 1/16 S 2 No 2 G R I R 1911 in S. P L in N. Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise a mound of earth 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, S. of cor.
80.00	The cor. of secs. 2 and 3, previously described (in subdivision notes of T. 2 S., R. 4 E.) Land, level. Soil, sandy loam, 1st rate. Open and dense brush of sage and chaparral. ----- Thence S. 89° 53' W. on a true line along the N. bdy. of sec. 3, which is also the N. bdy. of the Gila River Indian Res'n. Over level land, through sage and chaparral brush.
8.50	Cor. of wire fences, brs. N., 3 lks. dist. (fences bearing E. and N.)
8.60	U. S. G. S. bench mark post, brs. N., 10 lks. dist.
9.00	Road, brs. N. and S.

North Boundary of T. 2 S., R. 4 E.

which is also a portion of the Gila River Indian Res'n boundary.

Chains	
9.50	Cor. of wire fences brs. N., 5 lks. dist. (fences bear N. and W.)
20.00	<p>Set an iron post for 1/16 sec. cor. No. 1, on the N. bdy. of sec. 3 (E$\frac{1}{2}$), with cap stamped</p> <p style="text-align: center;">1/16 S 3 No 1 G R I R 1911 in S. P L in N.</p> <p>Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise a mound of earth 3$\frac{1}{2}$ ft. base, 1$\frac{1}{2}$ ft. high, S. of cor.</p>
40.00	<p>Set an iron post for $\frac{1}{4}$ sec. cor. on the N. bdy. of sec. 3, with cap stamped</p> <p style="text-align: center;">$\frac{1}{4}$ S 3 G R I R 1911 in S. P L in N.</p> <p>Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise a mound of earth 3$\frac{1}{2}$ ft. base, 1$\frac{1}{2}$ ft. high, S. of cor.</p>
60.00	<p>Set an iron post for 1/16 sec. cor. No. 2, on the N. bdy. of sec. 3 (W$\frac{1}{2}$), with cap stamped</p> <p style="text-align: center;">1/16 S 3 No 2 G R I R 1911 in S. P L in N.</p> <p>Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise a mound of earth 3$\frac{1}{2}$ ft. base, 1$\frac{1}{2}$ ft. high, S. of cor.</p>
80.00	<p>The cor. of secs. 3 and 4, previously described (in subdivision notes of T. 2 S., R. 4 E.)</p> <p>Land, level. Soil, sandy loam, 1st rate. Open brush of sage and chaparral.</p> <p>-----</p>
	<p>Thence S. 89° 53' W. on a true line along the N. bdy. of sec. 4, which is also the N. bdy. of the Gila River Indian Reservation.</p> <p>Over level land, through scattered brush.</p>
20.01	<p>Set an iron post for 1/16 sec. cor. No. 1, on the N. bdy. of sec. 4, (E$\frac{1}{2}$), with cap stamped</p> <p style="text-align: center;">1/16 S 4 No 1 G R I R 1911 in S. P L in N.</p> <p>Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise a mound of earth 3$\frac{1}{2}$ ft. base, 1$\frac{1}{2}$ ft. high, S. of cor.</p>
40.02	<p>Set an iron post for $\frac{1}{4}$ sec. cor. on the N. bdy. of sec. 4, with cap stamped</p> <p style="text-align: center;">$\frac{1}{4}$ S 4 G R I R 1911 in S. P L in N.</p> <p>Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise a mound of earth 3$\frac{1}{2}$ ft. base, 1$\frac{1}{2}$ ft. high, S. of cor.</p>

North Boundary of T. 2 S., R. 4 E.

which is also a portion of the Gila River Indian Res'n boundary.

Chains

60.03 Set an iron post for 1/16 sec. cor. No. 2, on the N. bdy. of sec. 4 (W $\frac{1}{2}$), with cap stamped

1/16 S 4 No 2 G R I R 1911 in S.
P L in N.

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise a mound of earth 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, S. of cor.

80.04 The cor. of secs. 4 and 5, previously described (in subdivision notes of T. 2 S., R. 4 E.)

Land, level.
Soil, sandy loam, 1st rate.
Open brush of sage, and chaparral.

Thence S. 89° 53' W. on a true line along the N. bdy. of sec. 5, which is also the N. bdy. of the Gila River Indian Reservation.

Over level land, through scattered chaparral, mesquite and sage brush.
original

7.27 The cor. of secs. 4, 5, 32 and 33. This cor. will now refer to secs. 32 and 33, only.
Thence S. 89° 52' W.

14.27 Road, brs. N. 15° 32' E. and S. 15° 32' W.

15.27 Middle of single track of Phoenix, Maricopa and Salt River Valley Ry., brs. N.15° 32'E. and S.15° 32'W.

20.02 Set an iron post for 1/16 sec. cor. No. 1, on the N. bdy. of sec. 5 (E $\frac{1}{2}$), with cap stamped

1/16 S 5 No 1 G R I R 1911 in S.
P L in N.

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise a mound of earth 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, S. of cor.

40.04 Set an iron post for $\frac{1}{4}$ sec. cor. of the N. bdy. of sec.5, with cap stamped

$\frac{1}{4}$ S 5 G R I R 1911 in S.
P L in N.

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise a mound of earth 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, S. of cor.

60.06 Set an iron post for 1/16 sec. cor. No. 2, on the N. bdy. of sec. 5 (W $\frac{1}{2}$), with cap stamped

1/16 S 5 No 2 G R I R 1911 in S.
P L in N.

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise a mound of earth 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, S. of cor.

80.08 The cor. of secs. 5 and 6, previously described (in subdivision notes of T. 2 S., R. 4 E.)

Land, level.
Soil, sandy loam, 2nd rate.
Open and dense brush of sage, mesquite, chaparral and greasewood.

North Boundary of T. 2 S., R. 4 E.

which is also a portion of the Gila River Indian Res'n Boundary

Chains

Thence S. 89° 52' W. on a true line along the N. bdy. of sec. 6, which is also the N. bdy. of the Gila River Indian Reservation.

Over level land, through chaparral and mesquite brush. original

7.19 The cor. of secs. 5, 6, 31 and 32, previously described. This cor. will now refer to secs. 31 and 32, only.

Thence S. 89° 54' W., continuing measurement.

20.00 Set an iron post for 1/16 sec. cor. No. 1, on the N. bdy. of sec. 6 (E 1/2), with cap stamped

1/16 S 6 No 1 G R I R 1911 in S.
P L in N.

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high, S. of cor.

40.00 Set an iron post for 1/4 sec. cor. on the N. bdy. of sec. 6, with cap stamped

1/4 S 6 G R I R 1911 in S.
P L in N.

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high, S. of cor.

60.00 Set an iron post for 1/16 sec. cor. No. 2, on the N. bdy. of sec. 6 (W 1/2), with cap stamped

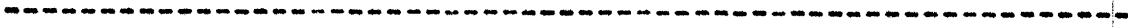
1/16 S 6 No 2 G R I R 1911 in S.
P L in N.

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high, S. of cor.

78.12 The cor. of Tps. 2 S., Rgs. 3 and 4 E., previously described.

Land, level.
Soil, sandy loam, 2nd rate.
Open and dense brush of sage, chaparral and mesquite.

March 10, 1911.



Resurvey of
North Boundary of T. 3 S., R. 4 E.

Chains

Surveyed by Guy P. Harrington, U. S. Surveyor.

The iron posts used in this survey, unless otherwise described, are 3 ft. long, 1 inch in dia., and are set 26 ins. in the ground.

March 2, 1911. At 8 a.m., l.m.t., I set off $33^{\circ} 12'$ on the lat. arc, $7^{\circ} 27'$ S. on the decl. arc, and determine a meridian with the solar, at the C.C. of T. 3 S., Rgs. 4 and 5 E., previously described.

Thence I run

North on a true blank line, over public lands.

7.62 Set temp. point, which point is 80.00 chs. North of the cor. of secs. 1, 6, 7 and 12, T. 3 S., Rgs. 4 and 5 E.

Thence I run

West on a true blank line.

Over public land.

3.25 Intersect the Gila River Indian Reservation boundary at a point 7.62 chs. N. of the old cor. of Tps. 2 and 3 S., Rgs. 4 and 5 E., previously described. This cor. now refers to the NE. cor. of T. 3 S., R. 4 E. only.

Wire fence, brs. N. and S.

Thence over the reservation.

Over level land, through mesquite and chaparral brush.

7.00 Road, brs. N. 30° W. and S. 30° E.

18.50 Road, brs. N. 30° W. and S. 30° E.

20.00 Set an iron post for $1/16$ sec. cor. No. 1, bet. secs. 1 and 36 ($E\frac{1}{2}$), with cap stamped

$1/16$ S 36 in N. half
S 1 No 1 1911 in S. half

Dig pits $18 \times 18 \times 12$ ins. E. and W. of post 3 ft. dist.; and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, N. of cor.

28.00 Road, brs. NE. and SW.

40.00 Set an iron post for $\frac{1}{4}$ sec. cor. bet. secs. 1 and 36, with cap stamped

$\frac{1}{4}$ S 36 in N. half
S 1 1911 in S. half

Dig pits $18 \times 18 \times 12$ ins. E. and W. of post 3 ft. dist.; and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, N. of cor.

40.10 Road, brs. N. and S.

60.00 Set an iron post for $1/16$ sec. cor. No. 2, bet. secs. 1

Resurvey of
North Boundary of T. 3 S., R. 4 E.

BOOK 2873

Chains.

Surveyed by Guy P. Harrington, U. S. Surveyor.

The iron posts used in this survey, unless otherwise described, are 3 ft. long, 1 inch in dia., and are set 26 ins. in the ground.

March 2, 1911. At 8 a.m., l.m.t., I set off 33°12' on the lat. arc, 7°27'S. on the decl. arc, and determine a meridian with the solar, at the C.C. of T. 3 S., Rgs. 4 and 5 E., previously described.

Thence I run

North on a true blank line, over public lands.

7.62 Set temp. point, which point is 80.00 chs. North of the cor. of secs. 1, 6, 7 and 12, T. 3 S., Rgs. 4 and 5 E.

Thence I run

West on a true blank line, over public land.

3.25 Intersect the Gila River Indian Reservation boundary at a point 7.62 chs. N.0°12'W. of the old cor. of Tps. 2 and 3 S., Rgs. 4 and 5 E., previously described, which now refers to sec. 31, only.

Set an iron post, 3 ft. long, 3 ins. diam., 24 ins. in the ground, for cor. of Ts. 2 and 3 S., R. 4 E., with cap stamped

	T	2	S	
	R	4	E	
GR	S	36		P L
IR	S	1		
	T	3	S	
				1911

Raise a mound of stone 2½ ft. base, 1½ ft. high, W. of cor.

Wire fence, brs. N. and S. Thence over the reservation.

Over level land, through mesquite and chaparral brush.

7.00 Road, brs. N.30°W. and S.30°E.

18.50 Road, brs. N.30°W. and S.30°E.

20.00 Set an iron post for 1/16 sec. cor. No. 1, bet. secs. 1 and 36, (E.½), with cap stamped

	1/16	S	36	in N. half
	S	1	No 1	1911 in S. half

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise a mound of earth 3½ ft. base, 1½ ft. high, N. of cor.

28.00 Road, brs. NE. and SW.

40.00 Set an iron post for ¼ sec. cor. bet. secs. 1 and 36, with cap stamped

	¼	S	36	in N. half
	S	1		1911 in S. half

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist., and raise a mound of earth 3½ ft. base, 1½ ft. high, N. of cor.

40.10 Road, brs. N. and S.

60.00 Set an iron post for 1/16 sec. cor. No. 2, bet. secs. 1

Resurvey of

North Boundary of T. 3 S., R. 4 E.

Chains

and 36 ($W\frac{1}{2}$), with cap stamped

1/16 S 36 in N. half
S 1 No 2 1911 in S. half

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.;
and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high,
N. of cor.

65.00 Road, brs. NE. and SW.

72.00 Road, brs. N. and S.

80.00 Set an iron post for the cor. of secs. 1, 2, 35 and 36,
with cap stamped

T 2 S S 36 in NE. quadrant
R 4 E S 1 in SE. "
T 3 S S 2 in SW. "
S 35 in NW. "
1911 in S.

1 notch on E. and 5 notches on W. edge

Dig pits 18x18x12 ins. in each sec. $5\frac{1}{2}$ ft. dist.; and
raise a mound of earth 4 ft. base, 2 ft. high, W. of
cor.

Land, level.

Soil, sandy loam, 1st rate.

Open brush of mesquite, chaparral, and sage, full dist.

West on a true line bet. secs. 2 and 35.

Over level bottom, through open and dense brush.

20.00 Set an iron post for 1/16 sec. cor. No. 1, bet. secs. 2
and 35 ($E\frac{1}{2}$), with cap stamped

1/16 S 35 in N. half
S 2 No 1 1911 in S. half

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.;
and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high,
N. of cor.

25.00 Road, brs. N. and S.

40.00 Set an iron post for $\frac{1}{4}$ sec. cor. bet. secs. 2 and 35,
with cap stamped

$\frac{1}{4}$ S 35 in N. half
S 2 1911 in S. half

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.;
and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high,
N. of cor.

46.00 Road, brs. N. 30° E. and S. 30° W.

55.00 Road, brs. N. and S.

60.00 Set an iron post for 1/16 sec. cor. No. 2, bet. secs. 2
and 35 ($W\frac{1}{2}$), with cap stamped

1/16 S 35 in N. half
S 2 No 2 1911 in S. half

Resurvey of
North Boundary of T. 3 S., R. 4 E.

Chains

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.;
and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high,
N. of cor.

80.00 Set an iron post for the cor. of secs. 2, 3, 34 and 35,
with cap stamped

T 2 S S 35 in NE. quadrant
R 4 E S 2 in SE. "
T 3 S S 3 in SW. "
S 34 in NW. "

1911 in S.

2 notches on E. and 4 notches on W. edge

Dig pits 18x18x12 ins. in each sec. $5\frac{1}{2}$ ft. dist.; and
raise a mound of earth 4 ft. base, 2 ft. high, W. of
cor.

Land, level bottom.

Soil, sandy loam, 1st rate.

Open brush of sage, mesquite, chaparral, full distance.

West on a true line bet. secs. 3 and 34.

Over level land, through open and dense brush.

8.00 Road, brs. NW. and SE.

20.00 Set an iron post for $1/16$ sec. cor. No. 1, bet. secs. 3
and 34 ($E\frac{1}{2}$), with cap stamped

$1/16$ S 34 in N. half

S 3 No 1 1911 in S. half

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.;
and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high,
N. of cor.

40.00 Set an iron post for $\frac{1}{4}$ sec. cor. bet. secs. 3 and 34,
with cap stamped

$\frac{1}{4}$ S 34 in N. half

S 3 1911 in S. half

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.;
and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high,
N. of cor.

44.00 Intersection of two roads bearing N. 60° W. and S. 60° E.
and N. 30° W. and S. 30° E.

60.00 Set an iron post for $1/16$ sec. cor. No. 2, bet. secs. 3 and
34 ($W\frac{1}{2}$), with cap stamped

$1/16$ S 34 in N. half

S 3 No 2 1911 in S. half

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.;
and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high,
N. of cor.

80.00 Set an iron post for the cor. of secs. 3, 4, 33 and 34,
with cap stamped

T 2 S S 34 in NE. quadrant

R 4 E S 3 in SE. "

Resurvey of
North Boundary of T. 3 S., R. 4 E.

Chains

T 3 S S 4 in SW. quadrant
S 33 in NW. "
1911 in S.
3 notches on E. and W. edges

Dig pits 18x18x12 ins. in each sec. $5\frac{1}{2}$ ft. dist.; and raise a mound of earth 4 ft. base, 2 ft. high, W. of cor.

Land, level.

Soil, sandy loam, 1st rate.

Open and dense brush of sage, mesquite and chaparral, full distance.

West on a true line bet. secs. 4 and 33.

Over level land, through open brush.

20.00 Set an iron post for $\frac{1}{16}$ sec. cor. No. 1, bet. secs. 4 and 33 ($E\frac{1}{2}$), with cap stamped

$\frac{1}{16}$ S 33 in N. half
S 4 No 1 1911 in S. half

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, N. of cor.

40.00 Set an iron post for $\frac{1}{4}$ sec. cor. bet. secs. 4 and 33, with cap stamped

$\frac{1}{4}$ S 33 in N. half
S 4 1911 in S. half

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, N. of cor.

60.00 Set an iron post for $\frac{1}{16}$ sec. cor. No. 2, bet. secs. 4 and 33 ($W\frac{1}{2}$), with cap stamped

$\frac{1}{16}$ S 33 in N. half
S 4 No 2 1911 in S. half

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, N. of cor.

72.00 Road, brs. N. 30° E. and S. 30° W.

80.00 Set an iron post for the cor. of secs. 4, 5, 32 and 33, with cap stamped

T 2 S S 33 in NE. quadrant
R 4 E S 4 in SE. "
T 3 S S 5 in SW. "
S 32 in NW. "

1911 in S.
4 notches on E. and 2 notches on W. edge

Dig pits 18x18x12 ins. in each sec. $5\frac{1}{2}$ ft. dist.; and raise a mound of earth 4 ft. base, 2 ft. high, W. of cor.

Land, level.

Soil, sandy loam, 1st rate.

Open brush of sage, mesquite, and chaparral, full dist.

Resurvey of

North Boundary of T. 3 S., R. 4 E.

Chains

West on a true line bet. secs. 5 and 32.

Over level land, through open brush.

9.00 Road, brs. N. and S.

20.00 Set an iron post for 1/16 sec. cor. No. 1, bet. secs. 5 and 32 (E 1/2), with cap stamped

1/16 S 32 in N. half
S 5 No 1 1911 in S. half

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high, N. of cor.

23.00 Road, brs. N. and S.

40.00 Set an iron post for 1/4 sec. cor. bet. secs. 5 and 32, with cap stamped

1/4 S 32 in N. half
S 5 1911 in S. half

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high, N. of cor.

60.00 Set an iron post for 1/16 sec. cor. No. 2, bet. secs. 5 and 32 (W 1/2), with cap stamped

1/16 S 32 in N. half
S 5 No 2 1911 in S. half

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high, N. of cor.

78.50 Road, brs. N. 30° W. and S. 30° E.

80.00 Set an iron post for the cor. of secs. 5, 6, 31 and 32, with cap stamped

T 2 S S 32 in NE. quadrant
R 4 E S 5 in SE. "
T 3 S S 6 in SW. "
S 31 in NW. "
1911 in S.
5 notches on E. and 1 notch on W. edge

Dig pits 18x18x12 ins. in each sec. 5 1/2 ft. dist.; and raise a mound of earth 4 ft. base, 2 ft. high, W. of cor.

Land, level.
Soil, sandy loam, 1st rate.
Open brush of sage, mesquite, chaparral, full distance.

West on a true line bet. secs. 6 and 31.

Over level land, through open brush.

9.00 Road, brs. N. and S.

20.00 Set an iron post for 1/16 sec. cor. No. 1, bet. secs. 6 and 31 (E 1/2), with cap stamped

Resurvey of
North Boundary of T. 3 S., R. 4 E.

Chains

1/16 S 31 in N. half
S 6 No 1 1911 in S. half

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.;
and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high,
N. of cor.

23.00 Road, brs. N. and S.

40.00 Set an iron post for 1/4 sec. cor. bet. secs. 6 and 31,
with cap stamped

1/4 S 31 in N. half
S 6 1911 in S. half

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.;
and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high, N.
of cor.

59.00 Road, brs. N. and S.

60.00 Set an iron post for 1/16 sec. cor. No. 2, bet. secs. 6
and 31 (W 1/2), with cap stamped

1/16 S 31 in N. half
S 6 No 2 1911 in S. half

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.;
and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high,
N. of cor.

68.85 Phoenix, Maricopa & Salt River Valley Ry., brs. N. 15° 31' E.
and S. 15° 31' W.

78.58 At theoretical distance, set an iron post 3 ft. long, 3
ins. dia., 26 ins. in the ground, for the cor. of Tps.
2 and 3 S., Rgs. 3 and 4 E., with cap stamped

T 2 S S 31 in NE. quadrant
R 4 E S 6 in SE. "
T 3 S S 1 in SW. "
R 3 E S 36 in NW. "
1911 in S.

6 notches on N., E., S. and W. edges

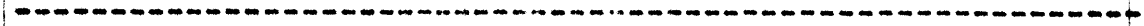
Dig pits 24x24x12 ins., on each line, N., E. and W., 4
ft., and S. of post 8 ft. dist.; and raise a mound of
earth 5 ft. base, 2 1/2 ft. high, S. of cor.

Land, level.

Soil, sandy loam, 1st rate.

Open brush of sage, mesquite, and chaparral, full distance.

March 2, 1911. At this cor., I set off 7° 24' S. on the
decl. arc, and at apparent Noon observe the sun on the
meridian; the resulting lat. is 33° 12', which is the
proper lat.



Resurvey of

West Boundary of T. 2 S., R. 4 E.

Chains

Surveyed by Guy F. Harrington, U. S. Surveyor.

The iron posts used in this survey, unless otherwise described, are 3 ft. long, 1 inch in diameter, and are set 26 ins. in the ground.

March 2, 1911.

From the cor. of Tps. 2 and 3 S., Rgs. 3 and 4 E., previously described, I run

North on a true line bet. secs. 31 and 36.

Over level land, through dense and scattered brush of mesquite and chaparral.

14.00 Enter dense mesquite thicket, brs. NE. and SW.

20.00 Set an iron post for 1/16 sec. cor. No. 12, bet. secs. 31 and 36 (S 1/2), with cap stamped

1/16 S 36 in W. half
S 31 in E. half
No 12 1911 in S.

Dig pits 18x18x12 ins. N. and S. of post 3 ft. dist.; and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high, W. of cor.

32.00 Leave dense mesquite thicket, brs. NW. and SE. Enter scattered brush.

40.00 Set an iron post for the 1/4 sec. cor. bet. secs. 31 and 36, with cap stamped

1/4 S 36 in W. half
S 31 in E. half
1911 in S.

Dig pits 18x18x12 ins. N. and S. of post 3 ft. dist.; and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high, W. of cor.

60.00 Set an iron post for 1/16 sec. cor. No. 6, bet. secs. 31 and 36 (N 1/2), with cap stamped

1/16 S 36 in W. half
S 31 in E. half
No 6 1911 in S.

Dig pits 18x18x12 ins. N. and S. of post 3 ft. dist.; and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high, W. of cor.

80.00 Set an iron post for the cor. of secs. 25, 30, 31 and 36, with cap stamped

T 2 S S 30 in NE. quadrant
R 4 E S 31 in SE. "
S 36 in SW. "
R 3 E S 25 in NW. "
1911 in S.
1 notch on S. and 5 notches on N. edge

Dig pits 18x18x12 ins. in each sec. 5 1/2 ft. dist.; and

Resurvey of
West Boundary of T. 2 S., R. 4 E.

Chains

raise a mound of earth 4 ft. base, 2 ft. high, W. of cor.

Land, level.

Soil, sandy loam, 1st rate.

Open and dense brush of sage, mesquite and chaparral, full distance.

North on a true line bet. secs. 25 and 30.

Over level land, through open brush.

2.00 Road, brs. NE. and SW.

14.00 Road, brs. N. 60° E. and S. 60° W.

20.00 Set an iron post for 1/16 sec. cor. No. 12, bet. secs. 25 and 30 (S $\frac{1}{2}$), with cap stamped

1/16 S 25 in W. half
S 30 in E. half
No 12 1911 in S.

Dig pits 18x18x12 ins. N. and S. of post 3 ft. dist.; and raise a mound of earth 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor.

40.00 Set an iron post for $\frac{1}{4}$ sec. cor. bet. secs. 25 and 30, with cap stamped

$\frac{1}{4}$ S 25 in W. half
S 30 in E. half
1911 in S.

Dig pits 18x18x12 ins. N. and S. of post 3 ft. dist.; and raise a mound of earth 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor.

60.00 Set an iron post for 1/16 sec. cor. No. 6, bet. secs. 25 and 30 (N $\frac{1}{2}$), with cap stamped

1/16 S 25 in W. half
S 30 in E. half
No 6 1911 in S.

Dig pits 18x18x12 ins. N. and S. of post 3 ft. dist.; and raise a mound of earth 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor.

76.00 Road, brs. NW. and SE.

80.00 Set an iron post for the cor. of secs. 19, 24, 25 and 30, with cap stamped

T 2 S S 19 in NE. quadrant
R 4 E S 30 in SE. "
S 25 in SW. "
R 3 E S 24 in NW. "
1911 in S.

2 notches on S. and 4 notches on N. edge

Dig pits 18x18x12 ins. in each sec. 5 $\frac{1}{2}$ ft. dist.; and raise a mound of earth 4 ft. base, 2 ft. high, W. of cor.

Land, level.

Soil, sandy loam, 1st rate.

Open brush of sage, mesquite, chaparral, full distance.

Resurvey of
West Boundary of T. 2 S., R. 4 E.

Chains

North on a true line bet. secs. 19 and 24.

Over level land, through open brush.

- 8.00 Road, brs. N. 30° W. and S. 30° E.
- 15.00 Road, brs. E. and W.
- 20.00 Set an iron post for the 1/16 sec. cor. No. 12, bet. secs. 19 and 24 ($S\frac{1}{2}$), with cap stamped
- 1/16 S 24 in W. half
S 19 in E. half
No 12 1911 in S.
- Dig pits 18x18x12 ins. N. and S. of post 3 ft. dist.; and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, W. of cor.
- 28.00 Road, brs. N. 20° W. and S. 60° E.
- 40.00 Set an iron post for $\frac{1}{4}$ sec. cor. bet. secs. 19 and 24, with cap stamped
- $\frac{1}{4}$ S 24 in W. half
S 19 in E. half
1911 in S.
- Dig pits 18x18x12 ins. N. and S. of post 3 ft. dist.; and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, W. of cor.
- 60.00 Set an iron post for 1/16 sec. cor. No. 6, bet. secs. 19 and 24 ($N\frac{1}{2}$), with cap stamped
- 1/16 S 24 in W. half
S 19 in E. half
No 6 1911 in S.
- Dig pits 18x18x12 ins. N. and S. of post 3 ft. dist.; and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, W. of cor.
- 62.00 Forks of road from West bear S. 60° E. and East.
- 72.00 Road, brs. NE. and SW.
- 76.00 Road, brs. E. and W.
- 80.00 Set an iron post for the cor. of secs. 13, 18, 19 and 24, with cap stamped
- T 2 S S 18 in NE. quadrant
R 4 E S 19 in SE. "
S 24 in SW. "
R 3 E S 13 in NW. "
1911 in S.
3 notches on N. and S. edges
- Dig pits 18x18x12 ins. in each sec. $5\frac{1}{2}$ ft. dist.; and raise a mound of earth 4 ft. base, 2 ft. high, W. of cor.

Land, level.

Soil, sandy loam, 1st rate.

Open brush of sage, mesquite and chaparral, full distance.

Resurvey of

West Boundary of T. 2 S., R. 4 E.

Chains

North on a true line bet. secs. 13 and 18.

Over level land, through open brush.

20.00 Set an iron post for 1/16 sec. cor. No. 12, bet. secs. 13 and 18 (S 1/2), with cap stamped

1/16 S 13 in W. half
S 18 in E. half
No 12 1911 in S.

Dig pits 18x18x12 ins. N. and S. of post 3 ft. dist.; and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high, W. of cor.

26.00 Road, brs. E. and W.

33.50 Road, brs. N. 60° E. and S. 60° W.

40.00 Set an iron post for the 1/4 sec. cor. bet. secs. 13 and 18, with cap stamped

1/4 S 13 in W. half
S 18 in E. half
1911 in S.

Dig pits 18x18x12 ins. N. and S. of post 3 ft. dist.; and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high, W. of cor.

52.00 Road, brs. N. 80° E. and S. 80° W.

60.00 Set an iron post for 1/16 sec. cor. No. 6, bet. secs. 13 and 18 (N 1/2), with cap stamped

1/16 S 13 in W. half
S 18 in E. half
No 6 1911 in S.

Dig pits 18x18x12 ins. N. and S. of post 3 ft. dist.; and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high, W. of cor.

80.00 Set an iron post for the cor. of secs. 7, 12, 13 and 18, with cap stamped

T 2 S S 7 in NE. quadrant
R 4 E S 18 in SE. "
S 13 in SW. "
R 3 E S 12 in NW. "
1911 in S.

4 notches on S. and 2 notches on N. edge

Dig pits 18x18x12 ins. in each sec. 5 1/2 ft. dist.; and raise a mound of earth 4 ft. base, 2 ft. high, W. of cor.

Land, level.

Soil, sandy loam, 1st rate.

Open brush of sage, mesquite and chaparral, full distance.

North on a true line bet. secs. 7 and 12.

Over level land, through open and dense brush.

1.00 Enter dense mesquite thicket, brs. E. and W.

Resurvey of

West Boundary of T. 2 S., R. 4 E.

Chains

20.00 Set an iron post for 1/16 sec. cor. No. 12, bet. secs. 7 and 12 (S $\frac{1}{2}$), with cap stamped

1/16 S 12 in W. half
S 7 in E. half
No 12 1911 in S.

Dig pits 18x18x12 ins. N. and S. of post 3 ft. dist.; and raise a mound of earth 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor.

35.00 Leave dense mesquite thicket, brs. E. and W.

40.00 Set an iron post for $\frac{1}{4}$ sec. cor. bet. secs. 7 and 12, with cap stamped

$\frac{1}{4}$ S 12 in W. half
S 7 in E. half
1911 in S.

Dig pits 18x18x12 ins. N. and S. of cor., 3 ft. dist.; and raise a mound of earth 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor.

Thence over muddy flat.

54.00 Leave muddy flat, brs. E. and W. Continue over level land.

60.00 Set an iron post for 1/16 sec. cor. No. 6, bet. secs. 7 and 12 (N $\frac{1}{2}$), with cap stamped

1/16 S 12 in W. half
S 7 in E. half
No 6 1911 in S.

Dig pits 18x18x12 ins. N. and S. of post 3 ft. dist.; and raise a mound of earth 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor.

80.00 Set an iron post for the cor. of secs. 1, 6, 7 and 12, with cap stamped

T 2 S S 6 in NE. quadrant
R 4 E S 7 in SE. "
S 12 in SW. "
R 3 E S 1 in NW. "
1911 in S.
5 notches on S. and 1 notch on N. edge

Dig pits 18x18x12 ins. in each sec. 5 $\frac{1}{2}$ ft. dist.; and raise a mound of earth 4 ft. base, 2 ft. high, W. of cor.

Land, level.
Soil, sandy loam, 1st rate.
Open and dense brush of sage, mesquite, chaparral and greasewood, full distance.

North on a true line bet. secs. 1 and 6.

Over level land, through open brush.

20.00 Set an iron post for the 1/16 sec. cor. No. 12, bet. secs. 1 and 6 (S $\frac{1}{2}$), with cap stamped

Resurvey of

West Boundary of T. 2 S., R. 4 E.

Chains

1/16 S 1 in W. half
S 6 in E. half
No 12 1911 in S.

Dig pits 18x18x12 ins. N. and S. of post 3 ft. dist.;
and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high,
W. of cor.

40.00 Set an iron post for 1/4 sec. cor. bet. secs. 1 and 6, with
cap stamped

1/4 S 1 in W. half
S 6 in E. half
1911 in S.

Dig pits 18x18x12 ins. N. and S. of post 3 ft. dist.;
and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high,
W. of cor.

60.00 Set an iron post for 1/16 sec. cor. No. 6, bet. secs. 1
and 6 (N 1/2), with cap stamped

1/16 S 1 in W. half
S 6 in E. half
No 6 1911 in S.

Dig pits 18x18x12 ins. N. and S. of post 3 ft. dist.;
and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high,
W. of cor.

73.91 Intersect the N. bdy. of the Gila River Indian Reservation
7.21 chs. N. 89° 54' E. of the old cor. of Tps. 1 and 2 S.,
Rgs. 3 and 4 E. I change the markings of this corner
to refer to Tps. 1 S., Rgs. 3 and 4 E. only. (For restor-
ation of this cor. with iron post see page 250 of this book)
At point of intersection, set an iron post 3 ft. long,
3 ins. dia., 26 ins. in the ground, for C.C. of Tps. 2
S., Rgs. 3 and 4 E., with cap stamped

T 2 S R 3 E S 1 in SW.
R 4 E S 6 in SE.
C C G R I R 1911 in S.
P L in N.
6 notches on E., W. and S. edges

Dig pits 30x24x12 ins., crosswise on each line, E. and
W. 4 ft., and S. of post 8 ft. dist.; and raise a mound
of earth 5 ft. base, 2 1/2 ft. high, S. of cor.

Land, level.
Soil, sandy loam, 1st rate.
Open brush of sage, mesquite, and chaparral, full dist.

March 2, 1911.

Resurvey of
West bdy. of T. 5 S., R. 8 E.

Chains

Survey executed by Guy P. Harrington, U. S. Surveyor.

The iron posts used in this survey are 3 ft. long, 1 in. dia., and are set 26 ins. in the ground.

March 14, 1911. At 9.00 a.m., l.m.t., I set off 33° 02' on the lat. arc, 2° 46' S. on the decl. arc, and determine a meridian with the solar, at the W.C. to the cor. of Tps. 4 and 5 S., Rgs. 7 and 8 E., described on page 167, which W.C. is 2.00 chs. E. of true point.

Thence (from this W.C.) I run

South on random line through sec. 6. T. 5 S., R. 8 E.

8.00 Offset 2.00 chs. West to the true random line.

Thence continue south on random line bet. secs. 1 and 6. continuing measurement.

40.00 Falls 22 lks. W. of the old 1/4 sec. cor. ~~XXXXXXXX~~ of sec. 6.

80.00 No trace of the cor. of secs. 6 and 7, T. 5 S., R. 8 E.

113.26 Falls 41 lks. W. of (the C.C. of secs. 1 and 12, T. 5 S., R. 7 E., which is a mesquite post 4 ins. sq., 1 ft. above ground, mkd. T 5 S S 1 on NW. face, R 7 E S 12 on SW. face, and C C on W. face. No evidence of pits or mound.

119.92 Falls 41 lks. W. of 1/4 sec. cor. for sec. 7, which is a mesquite post, 3 ins. square, 1 ft. above ground, marked 1/4 S on W. Returning to the W.C. to the cor. of Tps. 4 and 5 S., Rgs. 7 and 8 E., thence I run

S. 0° 19' E. on a true line through sec. 6. T. 5 S., R. 8 E.

Over level land, through scattered mesquite and sage brush.

2.00 Road, brs. E. and W.

8.00 House on line; offset 2.00 chs. West to true line.

Thence continue S. 0° 19' E. bet. secs. 1 and 6. continuing measurement.

11.70 Road, brs. E. and W.

13.26 Set an iron post for 1/16 sec. cor., ~~XXXXXXXX~~ of sec. 1, stamped in cap

1/16 S 1 on W.
1911 on S.

Dig pits 18x18x12 ins. N. and S. of post 3 ft. dist.; and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high, W. of cor.

20.00 Set an iron post for 1/16 sec. cor. No. 6, (N 1/2), of sec. 6, stamped in cap

1/16 S 6 No 6 on E.
1911 on S.

Dig pits 18x18x12 ins. N. and S. of post 3 ft. dist.; and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high, E. of cor.

20.70 Road, brs. E. and W.

24.00 Road, brs. S. 60° E. and N. 60° W.

28.00 Road, brs. N. 30° E. and S. 30° W.

West bdy. of T. 5 S., R. 8 E.

Chains.

30.00 Road, brs. N. 60° W. and S. 60° E.

33.26 Set an iron post for 1/16 sec. cor. of sec. 1, stamped in cap

1/16 S 1 on W.
1911 on S.

Dig pits 18x18x12 ins. N. and S. of post 3 ft. dist.; and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high, W. of cor.

40.00 The old 1/4 sec. cor. of sec. 6, which is an old post, 4 ins. square, badly decayed, marked and witnessed as described by the surveyor general. I remove the old post and replace it with an iron post, stamped in cap

1/4 S 6 on E.
G R I R on NW.
P L on SE.
1911 on S. from which

Note: When making the amended survey of this boundary line (changing the boundary of the reservation to conform to Executive Order No.1387, dated July 31, 1911) the markings on this cor. post were changed. See notes of said amended survey, which follow on page 146, of this book.

A mesquite 12 ins. dia. brs. N.79°45'W., 80 lks. dist. Mkd. 1/4 S 1 B T.

Dig pits 18x18x12 ins. N. and S. of post 3 ft. dist.; and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high, E. of cor.

Thence

S.0°09'E. on a true line bet. secs. 1 and 6, along the reservation bdy., measuring anew.

3.00 Road, brs. NE. and SW.

5.00 Road, brs. NE. and SW.

13.26 Set an iron post for 1/16 sec. cor. of sec. 1, stamped in cap

1/16 S 1 G R I R on W.
P L on E.
1911 on S.

Note: When making the amended survey of this boundary line (changing the boundary of the reservation to conform to Executive Order No.1387, dated July 31, 1911) the markings on this cor. post were changed. See notes of said amended survey, which follow on page 146, of this book.

Dig pits 18x18x12 ins. N. and S. of post 3 ft. dist., and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high; W. of cor.

16.00 Old irrigation ditch, brs. N. 60°W. and S. 60° E.

19.98 For 1/16 sec. cor. No. 12, of sec. 6, see amended notes, page 146.

33.26 Set an iron post for closing 1/4 sec. cor. of sec. 1, stamped in cap

Resurvey of

West bdy. of T. 5 S., R. 8 E.

Chains.

C C $\frac{1}{4}$ S 1 on W.
G R I R on NW.
P L on SE.

1911 on S., from which a mesquite 10 ins. dia. brs. N. 49° W., 32 lks. dist. Mkd. $\frac{1}{4}$ S 1 CC BT.

Note: When making the amended survey of this boundary line (changing the boundary of the reservation to conform to Executive Order No. 1387, dated July 31, 1911) the markings on this cor. post were changed. See notes of amended survey, which follow on page 146

Dig pits 18x18x12 ins. N. and S. of post 3 ft. dist.; and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, W. of cor.

39.96 Set stake for temp. point for cor. of secs. 6 and 7.

For establishment of cor. of secs. 6 and 7, at 39.96 chs.; $\frac{1}{16}$ sec. cor. of sec. 1, at 53.26 chs. and $\frac{1}{16}$ sec. cor. No. 6, of sec. 7, at 59.94 chs. and restoration of closing cor. of secs. 1 and 12, see amended notes, pages 146 and 147.

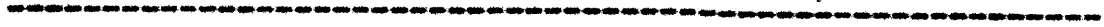
73.26 C.C. of secs. 1 and 12, previously described.

Land, level.

Soil, sandy loam, 1st rate.

Open and dense brush of mesquite and sage, full distance.

March 14, 1911.



Resurvey of

West bdy. of T. 5 S., R. 8 E.

Chains

Amended survey of West boundary of T. 5 S., R. 8 E., changing the boundary and making addition to the reservation, to conform to the Executive Order No. 1387, dated July 31, 1911.

Survey commenced Jan. 3, 1912, and executed by Guy P. Harrington, U. S. Surveyor.

Jan. 3, 1912. Jan. 3, 1912. At 9 a.m., l.m.t., I set off 33° 02' on the lat. arc, 22° 52' S. on the decl. * See notes of original restoration of this cor. Pg. 144
arc, and determine a meridian with the solar, at the 1/4 sec. cor. of sec. 6, on W. bdy. of T. 5 S., R. 8 E.
* This cor. was established by me in March 1911, and was then an angle point on the reservation bdy. I destroy the old markings on the post and remark it 1/4 S 6 in E. half. I efface the markings from the bearing tree and remark it 1/4 S 1 B T. The bearing tree stands in sec. 1, although it refers to a corner common to sec. 6 only. The bearing of the range line south of this cor. as determined by my survey last March is S.0°09' E.

I therefore run

S. 0° 09' E. on a true line along the W. bdy. of sec. 6.

Over nearly level land, through scattered brush.

3.00 Road, brs. NE. and SW.

5.00 Road, brs. NE. and SW.

13.26 Intersect the 1/16 sec. cor. for sec. 1. I efface the * See notes of original cor. Pg. 144
* old markings, and remark the post 1/16 S 1 in W. half.

19.98 Set an iron post for 1/16 sec. cor. No. 12, for sec. 6, S¹/₂, stamped in cap

1/16 S 6 No 12 in E.
1912 in S.

Dig pits 18x18x12 ins. N. and S. of post 3 ft. dist.; and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high, E. of cor.

33.26 Intersect the 1/4 sec. cor. for sec. 1, which I established * See notes of original cor. Pg. 145.
* last March. I efface the old markings on the post (which was a point on the reservation bdy.) and remark it 1/4 S 1 in W. half. I efface the markings on the bearing tree, and remark it 1/4 S 1 B T. This cor. is no longer an angle point on the reservation bdy.

39.96 Intersect temp. stake established by me last March at true point for the cor. of secs. 6 and 7, which is a proportionate dist, bet. the original 1/4 sec. cors. of sec. 6 & of sec. 7
Set an iron post for cor. of secs. 6 and 7, stamped in cap

T 5 S S 6 in NE.
R 8 E S 7 in SE.
1912 in S.

1 notch on N. and 5 notches on S.

Dig pits 24x24x12 ins. in each sec., 6 ft. dist.; and raise a mound of earth 4 ft. base, 2 ft. high, E. of cor.

Resurvey of

West bdy. of T. 5 S., R. 8 E.

Chains

Land, level, irrigable.
Soil, sandy, 1st rate.
Scattered mesquite brush, full distance.

S. 0° 09' E. on a true line along the W. bdy. of sec. 7.
Over level land, through scattered mesquite and sage
brush.

13.30 Set an iron post for 1/16 sec. cor. of sec. 1, stamped
in cap

1/16 S 1 in W.
1912 in S.

Dig pits 18x18x12 ins. N. and S. of post 3 ft. dist.;
and raise a mound of earth 3½ ft. base, 1½ ft. high,
W. of cor.

19.98 Set an iron post for 1/16 sec. cor. No. 6, for sec. 7, N½,
stamped in cap

1/16 S 7 No 6 in E.
1912 in S.
G R I R in NW.

Dig pits 18x18x12 ins. S. and E. of post 3 ft. dist.;
and raise a mound of earth 3½ ft. base, 1½ ft. high,
NW. of cor.

This cor. is an angle point on the reservation bdy.

Thence along reservation bdy.

33.30 The old C.C. of secs. 1 and 12, T. 5 S., R. 7 E., which
is a post badly decayed.

I, therefore, set an iron post for the C.C. of secs. 1 and
and 12, stamped in cap

R 7 E S 1 G R I R in NW.
T 5 S S 12 in SW.
C C in W.
1912 in S.
1 notch on N. and 5 notches on S.

Dig pits 24x18x12 ins. N. and S. of post 3 ft. dist.;
and raise a mound of earth 4 ft. base, 2 ft. high, NW.
of cor.

This cor. is an angle point on the reservation bdy.

Thence over public land.

39.96 The old ¼ sec. cor. for sec. 7, which is a mesquite post
3 ins. sq., 1 ft. above ground, mkd. ¼ S. on W.

Land, level, irrigable.
Soil, sandy loam, 1st rate.
Scattered brush of sage, mesquite and greasewood.

Thence

S. 0° 10' E. on a random line along the W. bdy. of sec. 7,
T. 5 S., R. 8 E.

Resurvey of

West bdy. of T. 5 S., R. 8 E.

Chains

- 13.34 Set temp. 1/16 sec. cor. for. sec. 12.
- 33.34 Set temp. 1/4 sec, cor. for sec. 12.
- 39.96 Intersect the old cor. of secs. 7 and 12, which is a post 4 ins. square, 2 ft. above ground, marked and witnessed as described by the surveyor general.
- 53.34 Set temp. 1/16 sec. cor. for sec. 12.

73.34 Intersect the point for the C.C. of secs. 12 and 13, which I establish from the old B.T.s; from which point the old B.T.s -

A mesquite 12 ins. dia. brs. S. 84° W., 35 lks. dist.
Mkd. 1/4 S.

A mesquite 14 ins. dia. brs. N. 33° 30' E., 107 lks. dist.
Mkd. 1/4 S.

Returning to the 1/4 sec. cor. of sec. 7, T. 5 S., R. 8 E., thence I run

S. 0° 10' E. on a true line along the W. bdy. of sec. 7.

Over nearly level land, through scattered brush.

(This line being entirely off the reservation, I establish no permanent monuments.

- 13.34 Set temp. stake at true point for 1/16 sec. cor. No. 6, for sec. 12, N 1/4.
- 33.34 Set temp. stake at true point for 1/4 sec. cor. os sec. 12.
- 39.96 The old cor. of secs. 7 and 12.
- 53.34 Set temp. stake at true point for 1/16 sec. cor. No. 12, for sec. 12, S 1/4.
- 73.34 The C.C. of secs. 12 and 13, T. 5 S., R. 7 E.

Land, level, irrigable.
Soil, sandy loam, 1st rate.

Jan. 3, 1911.



Resurvey ^{old} South Boundary Gila River Indian Reservation

Through Range 7 East.

Chains

Survey executed by Gay P. Harrington, U. S. Surveyor. The iron posts used in this survey are 3 ft. long, 1 in. in dia., and are set 26 ins. in the ground.

March 15, 1911, at 9h., a.m., l.m.t., I set off 33° 0' N. on the latitude arc, 2° 22' S. on the decl. arc, and determine a meridian with the solar at the old 1/4-sec. cor. bet. secs. 8 and 17, T. 5 S., R. 7 W., which is a granite stone 6x6x6 ins. above ground, mkd. 1/4 on N. face, with old pits and mound in evidence.

~~This old cor. is a point on the S. bdy. of the Gila River Indian reservation.~~

Thence I run

East on a random line bet. secs. 8 and 17, E_{1/2}.

40.12 Fall 50 lks. S. of old cor. of secs. 8, 9, 16 and 17, which is a mesquite post, 3 ins. sq., 1 ft. above ground, marked with 4 notches on E. edge, other marks partially legible. Old pits and mound in evidence.

Bearing of true line, N. 89° 17' E.

Thence East on a random line bet. secs. 9 and 16.

40.14 Fall 20 lks. S. of old 1/4-sec. cor. bet. secs. 9 and 16, which is a granite stone 5x6x8 ins. above ground, marked 1/4 on N. face, and witnessed by pits and mound. I find old post 4 ins. sq., 2 1/2 ft. long, marked 1/4 S lying on ground near rock.

Bearing of true line, N. 89° 43' E.

Thence East on a random line bet. secs. 9 and 16, E_{1/2}.

40.36 Fall 64 lks. N. of old cor. of secs. 9, 10, 15 and 16, which is a mesquite post 3 ins. sq., 1 1/2 ft. above ground, mkd. with 4 notches on S., and 3 notches on E. edge; other marks illegible. Old pits and mound in evidence.

Bearing of true line, S. 89° 05' E.

Thence East on a random line bet. secs. 10 and 15.

40.00 No trace of old 1/4-sec. cor. bet. secs. 10 and 15.

80.00 No trace of old cor. of secs. 10, 11, 14 and 15. Continue East along S. Bdy. of Reservation, continuing measurement.

121.94 Fall 28 lks. N. of old 1/4-sec. cor. bet. secs. 11 and 14, which is a mesquite post 4 ins. sq., 1 ft. above ground, witnessed by pits and mound.

Bearing of true line, S. 89° 52' E.

Thence East on a random line bet. secs. 11 and 14, E_{1/2}, along Reservation Bdy.

40.15 Fall 51 lks. N. of old cor. of secs. 11, 12, 13 and 14, which is a mesquite post 4 ins. sq., 2 ft. above ground, marked with 4 notches on the S. and 1 on E. edge; other

For retracement this line see Egs. 10-21 incl. Book "F" under Grp. 98.

For restoration this orig. cor. see resurvey under Grp. 98, P. 6, Book "F"

Resurvey of ^{old} South Boundary of Gila River Indian Res'n, BOOK 2873
Through Range 7 East.

Chains

marks illegible. Witnessed by pits and mound.

This cor. is designated as an angle point on the reservation bdy., which turns North at this point.

Bearing of true line, S. 89° 16' E.

- March 15, 1911.

See resurvey in subdivision notes T. 5 S., R. 7 E. under Group 98
~~April 19, 1911, the subdivision of that part of T. 5 S., R. 7 E., West of secs. 1 and 12, which is included in the Gila River Indian Reservation, having been completed, and closing corners having been set on the Reservation bdy., &~~

I return to the cor. of secs. 7, *and 12*, T. 5 S., Rgs. 6 and 7 E., on S. bdy. of the Res'n.

(In the resurvey of the S. bdy. of the Res'n, through R. 6 E., a true line was run through this cor., to the old 1/4-sec. cor. bet. secs. 8 and 17, T. 5 S., R. 7 E.)

Thence I run

N. 89° 57' E. on a true line along the Res'n bdy., S. of sec. 7, T. 5 S., R. 7 E.,

Over broken, mountainous land.

40.00 Set an iron post for 1/4-sec. cor. on the S. bdy. of sec. 7, with cap stamped

G R I R 1/4 S 7 in N.
P L 1911 in S.

Build mound of stone 3 ft. base, 2 ft. high, N. of cor.

80.00 The C. C. of secs. 7 and 8 on S. bdy. of Res'n, as described in subdivision notes.

This cor. is set on steep E. slope of mountain.

Land, broken and mountainous.
Soil, stony, 3rd rate.
No vegetation.

Thence I run

N. 89° 57' E. on a true line along the Res'n bdy., S. of sec. 8,

Descending steep E. slope of mountain.

20.00 Foot of steep descent, bds. N. and S. Thence, gradual descent.

~~39.05~~ ^{From} The old 1/4-sec. cor. bet. secs. 8 and 17, heretofore described. This cor. now refers to sec. 17, only.

Thence I run

N. 89° 17' E. on a true line along the ~~Res'n~~ bdy., S. of sec. 8, (continuing measurement from C. C. of secs. ~~7 and 8~~),

See later resurvey under Gr. 98
Pg. 21-23 incl. BK "F"

Resurvey of ^{old} South Boundary of Gila River Indian Res'n,
Through Range 7 East.

Chains	
7.97	<p>40.02 closing The $\frac{1}{4}$-sec. cor. on the S. bdy. of sec. 8, described in subdivision notes.</p>
34.95	<p>67.00 Road, brs. N. 30° W. and S. 30° E.</p>
40.12	<p>72.17 The old cor. of secs. 8, 9, 16 and 17. This cor. now refers to secs. 16 and 17 only.</p> <p>Thence I run</p> <p>N. 89° 43' E. on a true line along the Res'n bdy., S. of sec. 8 (continuing measurement) from the C. C. of secs. 7 and 8.</p>
47.99	<p>80.04 The C. C. of secs. 8 and 9 on the Res'n bdy., as described in subdivision notes.</p> <p>Land, mountainous, and gentle E. slope. Soil, stony, 3rd rate; and gravelly, 2nd rate. Scattered brush of chaparral, full distance.</p>

	<p>Thence I run</p> <p>N. 89° 43' E. on a true line along the Res'n bdy., S. of sec. 9,</p>
	<p>Over level land, through scattered brush.</p>
19.99	<p>Set an iron post for $\frac{1}{16}$ sec. cor. No. 2 on the S. bdy. of the $W\frac{1}{2}$ of sec. 9, with cap stamped</p> <p style="text-align: center;">No 2 $\frac{1}{16}$ S 9 in N. 1911 in S.</p>
	<p>Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, N. of cor.</p>
32.27	<p>The old $\frac{1}{4}$-sec. cor. bet. secs. 9 and 16, which now refers to sec. 16 only.</p> <p>Thence I run</p> <p>S. 89° 05' E. on a true line along the Res'n bdy., S. of sec. 9 (continuing measurement from the C. C. of secs. 8 and 9).</p>
36.20	<p>Road brs. NW. and SE.</p>
39.98	<p>Set an iron post for $\frac{1}{4}$-sec. cor. on the S. bdy. of sec. 9, with cap stamped</p> <p style="text-align: center;">$\frac{1}{4}$ S 9 in N. 1911 in S.</p>
	<p>Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, N. of cor.</p>
59.97	<p>Set an iron post for $\frac{1}{16}$ sec. cor. No. 1 on the S. bdy. of the $E\frac{1}{2}$ of sec. 9, with cap stamped</p> <p style="text-align: center;">No 1 $\frac{1}{16}$ S 9 in N. 1911 in S.</p>
	<p>Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, N. of cor.</p>
70.50	<p>Middle of Indian burial ground, 2 chs. sq., inclosed by wire fence.</p>

See retracement this line under Gr. 98, p. 21-Bk. "F"

See retracement this line under Gr. 98, p. 15 & 16 Book "F."

Resurvey of South Boundary of Gila River Indian Res'n,
Through Range 7 East.

Chains

72.63 The old cor. of secs. 9, 10, 15 and 16, which now re-
fers to secs. 15 and 16, only.

Thence I run

S. 89° 52' E. on a true line along the Res'n bdy., S.
of sec. 9 (continuing measurement from the C. C. of
secs. 8 and 9).

79.96 The C. C. of secs. 9 and 10 on the Res'n bdy., as des-
cribed in subdivision notes.

Land, level.

Soil, sandy loam, 1st rate.

Open brush of chaparral, palo verde, palo fierro, and
scattered mesquite, full distance.

S. 89° 52' E. on a true line along the South boundary
of sec. 10,

Over level land, through open and dense brush of sage
and mesquite.

0.66 Wash, course S. 5° E. from SW.

10.66 Road, brs. NW. and SE.

11.60 Same wash, course N. 60° E.

17.50 Cabin, brs. 1 ch. N.

20.00 Set an iron post for 1/16 sec. cor. No. 2 on the S. bdy.
of the W 1/4 of sec. 10, with cap stamped

No 2 1/16 S 10 in N.
1911 in S.

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and
raise mound of earth 3 1/2 ft. base, 1 1/2 ft. high, N. of cor.

21.00 Cabin, brs. 10 lks. N.

21.50 Cabin, brs. 10 lks. N.

22.50 Center of Papago Village, comprises 6 or 7 cabins and
outbuildings, N. and S. of line.

26.50 Road, brs. N. 30° E. and S. 30° W.

Leave village.

28.00 Brush fence, brs. N. 30° E. and S. 30° W.

Enter cultivated field.

39.60 Brush fence, brs. N. 60° W. and S. 60° E.

Leave cultivated field; enter dense mesquite thicket.

40.00 Set an iron post for 1/4-sec. cor. on the S. bdy. of sec.
10, with cap stamped

1/4 S 10 in N.
1911 in S.

See retracement this line
under Grp. 98.
figs. 10-11 Book F

Resurvey of ^{old} South Boundary of Gila River Indian Res'n,
Through Range 7 East.

Chains	
	Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise mound of earth 3½ ft. base, 1½ ft. high, N. of cor.
42.50	Wash, course N.
47.50	Wash, course N.
56.50	Road, brs. N. 30° E. and S. 30° W.
60.00	Set an iron post for 1/16 sec. cor. No. 1 on the S. bdy. of the E½ of sec. 10, with cap stamped No 1 1/16 S 10 in N. 1911 in S.
	Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise mound of earth 3½ ft. base, 1½ ft. high, N. of cor.
60.50	Road, brs. NW. and SE.
62.60	Road, brs. NE. and SW.
65.70	Road, brs. NE. and SW.
74.73	For restoration of original cor. secs. 10, 11, 14 + 15 at this point, see T ₃ 6 BK F
80.00	The C. C. of secs. 10 and 11 on the Res'n bdy., as described in subdivision notes.
	Land, level. 11.60 chs. cultivated. Soil, sandy loam, 1st rate. Open and dense brush of sage, mesquite, chaparral, 68.40 chs.

	Thence I run S. 89° 52' E. on a true line along the Res'n bdy., S. of sec. 11, Over level land, through open brush of sage and mesquite.
20.00	Set an iron post for 1/16 sec. cor. No. 2 on the S. bdy. of the W½ of sec. 11, with cap stamped No 2 1/16 S 11 G R I R in N. P L 1911 in S.
	Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise mound of earth 3½ ft. base, 1½ ft. high, N. of cor.
33.20	Road, brs. N. 70° W. and S. 70° E.
34.61	The old ¼-sec. cor. bet. secs. 11 and 14, which now refers to sec. 14, only.
	Thence I run S. 89° 16' E. on a true line along the Res'n bdy., S. of sec. 11 (continuing measurement from the C. C. of secs. 10 and 11).
40.00	Set an iron post for ¼-sec. cor. on the S. bdy. of sec. 11, with cap stamped ¼ S 11 G R I R in N. P L 1911 in S.
	Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise mound of earth 3½ ft. base, 1½ ft. high, N. of cor.

See retracement this line under C. P. 98, T. 11, E. K. F.

Resurvey of South Boundary of Gila River Indian Res'n,
Through Range 7 East.

Chains

60.00 Set an iron post for 1/16 sec. cor. No. 1 on the S.bdy. of the E $\frac{1}{2}$ of sec. 11, with cap stamped

No 1 1/16 S 11 G R I R in N.
P L 1911 in S.

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise mound of earth 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, N. of cor.

74.76 The cor. of secs. 11, 12, 13 and 14, which was set at same point as original cor. of these secs., on March 15, 1911, as described in notes of subdivision of T. 5 S., R. 7 E.

Land, level.
Soil, sandy loam, 1st rate.
Open brush of sage, mesquite and chaparral, full distance.

- April 19, 1911.

March 15, 1911. -

N O T E.

The notes of the survey of the remainder of the South boundary of the Gila River Indian Res'n, through Range 7 East, will be found in notes of the subdivision of sec. 12, T. 5 S., R. 7 E.

The cor. of secs. 11, 12, 13 and 14, T. 5 S., R. 7 E. is an angle point on the Res'n bdy. In accordance with Executive Order of July 31, 1911, the boundary through sec. 12 takes the following directions:

From the cor. of secs.
11, 12, 13 and 14, ----- 60.30 chs., North

Thence, -----	20.00 "	N. 89° 50' W.
Thence, -----	19.93 "	S. 0° 2' E.
Thence, -----	20.00 "	N. 89° 48' W.
Thence, -----	20.04 "	S. 0° 1' E.
Thence, -----	39.92 "	S. 89° 50' E.
Thence, -----	20.00 "	N. 0° 6' W.
Thence, -----	19.98 "	N. 0° 1' W.
Thence, -----	19.92 "	S. 89° 50' E.
Thence, -----	19.99 "	N. 0° 5' W., to

a point on line bet.
secs. 1 and 12; Thence, - 16.89 " S. 89° 49' E., to
the C. C. of secs. 1 and 12, on the E. bdy. of T. 5 S.,
R. 7 E.

- January 5, 1912.

Guy P. Harrington,
U. S. Surveyor.

Resurvey of
North Boundary of T. 5 S., R. 8 E.

Chains

Surveyed by Guy P. Harrington, U. S. Surveyor.

The iron posts used in this survey, unless otherwise described, are 3 ft. long, 1 inch in dia., and are set 26 ins. in the ground.

March 17, 1911.

From the true point for the cor. of Tps. 4 and 5 S., Rgs. 7 and 8 E., previously described, I run

East on a random line bet. secs. 6 and 31.

40.00 No trace of the old $\frac{1}{4}$ sec. cor.
Set temp. $\frac{1}{4}$ sec. cor.

80.00 No trace of the cor. of secs. 5, 6, 31 and 32.
Set temp. cor.

Thence East on a random line bet. secs. 5 and 32.

40.00 No trace of the $\frac{1}{4}$ sec. cor.
Set temp. $\frac{1}{4}$ sec. cor.

55.65 Left bank of Gila River.
Set temp. M.C.

80.00 Point for cor. of secs. 4, 5, 32 and 33 now falls in channel of Gila River, which is dry at present.

Thence East on a random line bet. secs. 4 and 33.

24.25 Right bank of Gila River.
Set temp. M.C.

40.00 No trace of the $\frac{1}{4}$ sec. cor. bet. secs. 4 and 33.
Set temp. $\frac{1}{4}$ sec. cor.

80.00 No trace of the cor. of secs. 3, 4, 33 and 34.
Set temp. cor.

Thence East on a random line bet. secs. 3 and 34.

37.76 Falls 35 lks. S. of the $\frac{1}{4}$ sec. cor. bet. secs. 3 and 34, which is a granite stone 10x10x20 ins., surrounded by a mound of rock. The pits, as reported in the original notes, could not have been dug, as the cor. falls on solid rock ledge. The stone is marked $\frac{1}{4}$ on the N. face.

To check the position of this cor., I run

East on a random line bet. secs. 3 and 34 ($E\frac{1}{4}$).

39.92 Falls 30 lks. S. of the cor. of secs. 2, 3, 34 and 35, which is a mesquite post 4 ins. sq., 2 ft. above ground, mkd. T 4 S S 35 on NE. face, R 8 E S 2 on SE. face and 2 notches on E. and 4 notches on W. face. Other markings are shown on the NW. and SW. faces, but the decay of the post has made them illegible.

I therefore decide that the $\frac{1}{4}$ sec. cor. as found bet. secs.

Resurvey of

North Boundary of T. 5 S., R. 8 E.

Chains

3 and 34 is in the position where it was originally set.

The falling and distance on the $\frac{1}{4}$ sec. cor. bet. secs. 3 and 34 calls for a correction of 64 lks. per mile and 4 minutes of arc.

March 17, 1911. At 2.00 p.m., l.m.t., I set off $33^{\circ} 02'$ on the lat. arc, $1^{\circ} 30'$ S. on the decl. arc, and determine a meridian with the solar, at the W.C. to Tps. 4 and 5 S., Rgs. 7 and 8 E.

Since the title of lands in portions of secs. 6 and 5, in T. 5 S., R. 8 E., has passed from the United States, I decide it will be necessary to reestablish corners common to secs. 5 and 6, secs. 4 and 5, and secs. 3 and 4, at proportional distance along the north boundary of T. 5 S., R. 8 E.. All of the land in ^{the} T. 4 S., R. 8 E. is on the reservation. I, therefore, decide to establish double sets of corners on the line between Tps. 4 and 5 S., Rgs. 8 E.; one set to refer to secs. in T. 5 S., R. 8 E., and the other set to refer to T. 4 S., R. 8 E. I decide to throw all fractional area along the east boundary of the reservation in T. 4 S., R. 8 E.

From the true point for the cor. of Tps. 4 and 5 S., Rgs. 7 and 8 E., which falls in Indian cabin, I run

N. $89^{\circ} 56'$ E. on a true line bet. secs. 6 and 31.

Over level land, through open brush of mesquite and sage.

2.00 W.C. to Tps. 4 and 5 S., Rgs. 7 and 8 E., previously described.

7.00 Road, brs. S. 60° E. and N. 60° W.

At proportional dist.,
19.84, Set an iron post for $1/16$ sec. cor. No. 2, of sec. 6, ($W\frac{1}{2}$), with cap stamped

$1/16$ S 6 No 2 1911 on S.

Dig pits $18 \times 18 \times 12$ ins. E. and W. of post 3 ft. dist.; and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, S. of cor.

20.00 Set an iron post for $1/16$ sec. cor. No. 2, ~~XXXXXX~~ of sec. 31 ($W\frac{1}{2}$), with cap stamped

$1/16$ S 31 No 2 on N.
1911 on S.

Dig pits $18 \times 18 \times 12$ ins. E. and W. of post 3 ft. dist.; and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, N. of cor.

22.00 Little Gila River, 30 lks. wide, course N. 30° W.

23.00 Wire fence, brs. N. 30° W. and S. 30° E.

24.00 Cabin, brs. North 2.00 chs. dist.

25.00 Wire fence, brs. N. 30° E. and S. 30° W.

27.00 Wire fence, brs. N. 60° W. and S. 60° E.
Enter cultivated field.

Resurvey of

North Boundary of T. 5 S., R. 2 E.

Chains	
32.50	Wire fence and lateral ditch, brs. N. 30° E. and S. 30° W.
37.00	Wire fence, brs. N. 30° E. and S. 30° W. Lateral ditch brs. N. 60° W. and SE.
37.25	Road, brs. N. 30° E. and S. 30° W.
37.50	Lateral ditch and wire fence, brs. N. 30° E. and S. 30° W.
39.68	At proportional dist., Set an iron post for $\frac{1}{4}$ sec. cor. xxxxxxx of sec. 6, with cap stamped $\frac{1}{4}$ S 6 1911 in S. Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, S. of cor.
40.00	Set an iron post for $\frac{1}{4}$ sec. cor. xxxxxxx of sec. 31, with cap stamped $\frac{1}{4}$ S 31 in N. 1911 in S. Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, N. of cor. Cottonwood 18 ins. dia. brs. S. 55° 30' E., 279 lks. dist. Mkd. $\frac{1}{4}$ S 31 B T.
46.00	Lateral ditch and wire fence, brs. N. 30° E. and S. 30° W.
59.52	At proportional dist., Set an iron post for $\frac{1}{16}$ sec. cor. No. 1, xxxxxxx of sec. 6 ($E\frac{1}{2}$), with cap stamped $\frac{1}{16}$ S 6 No 1 1911 in S. Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, S. of cor. A mesquite 8 ins. dia. brs. S. 79° 15' E., 267 lks. dist. Mkd. $\frac{1}{16}$ S 6 B T.
60.00	Set an iron post for $\frac{1}{16}$ sec. cor. No. 1, xxxxxxx of sec. 31 ($E\frac{1}{2}$), with cap stamped $\frac{1}{16}$ S 31 No 1 in N. 1911 in S. Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, N. of cor.
65.00	Lateral ditch, brs. N. 60° W. and S. 60° E.
69.00	Main lateral ditch, brs. N. 30° E. and S. 30° W.
69.20	Wire fence, brs. N. 30° E. and S. 30° W.
74.30	Road, brs. N. 60° W. and S. 60° E.
74.50	Wire fence, brs. N. 60° W. and S. 60° E.
77.00	Cabin, brs. S., 50 lks. dist.
78.50	Lateral ditch and wire fence, brs. N. 30° E. and S. 30° W.

Resurvey of

North Boundary of T. 5 S., R. 8 E.

Chains

At proportional dist.,
79.36 Set an iron post for the cor. of secs. 5 and 6, with cap stamped

T 5 S S 6 in SW.
R 8 E S 5 in SE.
1911 in S.
1 notch on W. and 5 notches on E.

Dig pits 24x24x12 ins. in each sec. 6 ft. dist.; and raise a mound of earth 4 ft. base, 2 ft. high, S. of cor.

80.00 Set an iron post for the cor. of secs. 31 and 32, with cap stamped

T 4 S S 32 in NE.
R 8 E S 31 in NW.
1911 in S.
5 notches on E. and 1 notch on W. edge

Dig pits 24x24x12 ins. in each sec. 6 ft. dist.; and raise a mound of earth 4 ft. base, 2 ft. high, N. of cor.

Land, level, 53.00 chs. cultivated.
Soil, sandy loam, 1st rate.
Open brush of sage and mesquite, 27.00 chs.

N. 89° 56' E. on a true line bet. secs. 5 and 32.

Over level land, through cultivated field.

2.75 Lateral ditch and wire fence, brs. N. 30° E. and S. 30° W.

9.25 Lateral ditch and wire fence, brs. N. 30° E. and S. 30° W.

9.50 Road, brs. N. 30° E. and S. 30° W.

9.75 Wire fence, brs. N. 30° E. and S. 30° W.

14.00 Wire fence, brs. N. 30° E. and S. 30° W.

16.00 Lateral ditch, brs. N. 60° W. and S. 60° E.

16.50 Lateral ditch, brs. N. 60° W. and S. 60° E.

17.50 Main irrigation canal, 10 lks. wide, brs. N. 60° W. and S. 60° E.

At this point, a lateral ditch branches from the main ditch to N. 70° W.; a second lateral branches to N. 30° E.; and a third lateral branches to N. 45° W.

18.50 Wire fence, brs. N. 60° W. and S. 60° E.

19.20 Main road, brs. N. 60° W. and S. 60° E.

At proportional dist.
Set an iron post for 1/16 sec. cor. No. 2, ~~XXXXXX~~ of sec. 5 (W $\frac{1}{2}$), with cap stamped

1/16 S 5 No 2 1911. in S.

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise a mound of earth 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, S. of cor.

A cottonwood 4 ft. dia., brs. S. 76° 45' W., 95 lks. dist.
Mkd. 1/16 S 5 B T.

20.00 Set an iron post for 1/16 sec. cor. No. 2, ~~XXXXXX~~ of sec. 32 (W $\frac{1}{2}$), with cap stamped

Resurvey of
North Boundary of T. 5 S., R. 8 E.

Chains

1/16 S 32 No 2 in N.
1911 in S.

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.;
and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high,
N. of cor.

- 20.10 Wire fence, brs. N. 60° W. and S. 60° E.
- 28.50 Wire fence, brs. N. 60° W. and S. 60° E.
- 28.60 Lateral ditch, brs. N. 60° W. and S. 60° E., which forks
to N. 30° E. at this point.
- 32.50 Wire fence, brs. N. 30° E. and S. 30° W.
- 37.00 Wire fence, and lateral ditch, brs. N. 60° W. and S. 60° E.
- 39.00 Wire fence, brs. N. 30° E. and S. 30° W.

At proportional dist.,
39.04 Set an iron post for 1/4 sec. cor. xxxxxx of sec. 5, with
cap stamped

1/4 S 5 1911 in S.

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.;
and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high,
S. of cor.

A cottonwood 24 ins. dia. brs. S. 42° 30' E., 418 lks. dist.
Mkd. 1/4 S 5 B T.

- 39.10 Lateral ditch, brs. N. 30° E. and S. 30° W.
- 40.00 Set an iron post for 1/4 sec. cor. xxxxxx of sec. 32, with
cap stamped

1/4 S 32 in N.
1911 in S.

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.;
and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high,
N. of cor.

- 43.25 Wire fence, brs. N. 30° E. and S. 30° W.
- 50.00 Lateral ditch, brs. N. 60° W. and S. 60° E.
- 53.00 Lateral ditch, brs. N. 60° W. and S. 60° E.
- 54.75 Rail fence, brs. N. 60° W. and S. 60° E.
Enter dense brush of cottonwood and willow.
- 55.65 Left bank of Gila River.
Set an iron post for M.C. bet. secs. 5 and 32, with cap
stamped

M C in E.
T 4 S R 8 E S 32 in NW.
T 5 S S 5 in SW.
1911 in S.

6 notches on N. and S. edge, from which

A cottonwood 30 ins. dia. brs. S. 89° 30' W., 31 lks. dist.
Mkd. T 5 S R 8 E S 5 B T.

Dig a pit 36x36x12 ins. 8 ft. W. of post; and raise a
mound of earth 4 ft. base, 2 ft. high, W. of cor.

Resurvey of
North Boundary of T. 5 S., R. 8 E.

- Chains
- At proportional dist.,
 - 58.88 Point for 1/16 sec. cor. No. 1, xxxxxx of sec. 5, falls in Gila River.
 - 60.00 Point for 1/16 sec. cor. No. 1, xxxxxx of sec. 32 (E $\frac{1}{2}$), falls in Gila River.
 - At proportional dist.,
 - 78.72 Point for cor. of secs. 4 and 5, falls in Gila River.
 - 80.00 Point for cor. of secs. 32 and 33 falls in Gila River.
- Land, level; 54.75 chs. cultivated; 25.25 chs. river bed.
Soil, sandy loam, 1st rate.
Dense brush of willow and mesquite, 1.15 chs.
-
- N. 89° 56' E. on a true line bet. secs. 4 and 33.
- Over river channel.
- At proportional dist.,
 - 18.56 Point for 1/16 sec. cor. No. 2, xxxxxx of sec. 4 (W $\frac{1}{2}$) falls in Gila River.
 - 20.00 Point for 1/16 sec. cor. No. 2, xxxxxx of sec. 33 (W $\frac{1}{2}$) falls in Gila River.
 - 24.25 Right bank of Gila River.
Set an iron post for M.C. of secs. 4 and 33, with cap stamped
- M C in W.
T 4 S S 33 in NE.
T 5 S R 8 E S 4 in SE.
6 notches on N. and S. edges, from which
- A willow 6 ins. dia. brs. N.26°15'E., 168 lks. dist.
Mkd. T 4 S R 8 E S 33 B T.
- Dig a pit 36x36x12 ins. 8 ft. E. of post; and raise a mound of earth 4 ft. base, 2 ft. high, E. of cor.
- 24.50 Wire fence, brs. N. 30° E. and S. 30° W.
Enter Indian's pasture.
 - 28.00 Cabin, brs. N., 4.00 chs. dist.
 - 32.90 Lateral ditch, brs. N. 30° E. and S. 30° W., and a second lateral crossing at this point in boxed aqueduct, brs. N. 60° E. and S. 60° W.
 - 33.00 Wire fence, brs. N. 30° E. and S. 30° W.
Leave pasture.
 - 33.50 Main irrigation canal, 10 lks. wide, brs. N.60°W. and S.60° E.
 - 34.00 Wire fence, brs. N. 60° W. and S. 60° E.
Enter cultivated field.
 - At proportional dist.,
 - 38.40 Set an iron post for $\frac{1}{4}$ sec. cor. xxxxxx of sec. 4, with cap stamped
- $\frac{1}{4}$ S 4 1911 in S., from which
- A mesquite 12 ins. dia. brs. S.41°30'E., 367 lks. dist.
Mkd. $\frac{1}{4}$ S 4 B T.
- Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.;
and raise a mound of earth 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high,

Resurvey of
North Boundary of T. 5 S., R. 8 E.

Chains

S. of cor.

40.00 Set an iron post for $\frac{1}{4}$ sec. cor. xxxxxx of sec. 33, with cap stamped

$\frac{1}{4}$ S 33 in N.
1911 in S.

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, N. of cor.

41.50 Wire fence, brs. N. 30° E. and S. 30° W. Leave cultivated field; enter open brush.

50.50 Old ditch, brs. NW. and SE.

58.00 Road, brs. NE. and SW.

At proportional dist.,
58.24^A Set an iron post for 1/16 sec. cor. No. 1, xxxxxx of sec. 4 ($\frac{1}{16}$), with cap stamped

1/16 S 4 No 1 1911 in S.

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, S. of cor.

60.00 Set an iron post for 1/16 sec. cor. No. 1, xxxxxx of sec. 33 ($\frac{1}{16}$), with cap stamped

1/16 S 33 No 1 in N.
1911 in S.

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, N. of cor.

61.00 Road, brs. N. 60° E. and S. 60° W.

71.00 Road, brs. N. 30° E. and S. 30° W.

At proportional dist.,
78.08^A Set an iron post for cor. of secs. 3 and 4, with cap stamped

T 5 S S 4 in SW.
R 8 E S 3 in SE.
1911 in S.

3 notches on E. and W. edge, from which

A mesquite 18 ins. dia. brs. S. 9 $\frac{1}{2}$ ° W., 56 lks. dist. Mkd. T 5 S R 8 E S 4 E T.

Dig pits 24x24x12 ins. in each sec. 6 ft. dist.; and raise a mound of earth 4 ft. base, 2 ft. high, S. of cor.

80.00 Set an iron post for the cor. of secs. 33 and 34, with cap stamped

T 4 S S 34 in NE. quadrant
R 8 E S 33 in NW. "
1911 in S.
3 notches on E. and W. edges

Dig pits 24x24x12 ins. in each sec., 6 ft. dist.; and raise a mound of earth 4 ft. base, 2 ft. high, N. of cor.

Resurvey of
North Boundary of T. 5 S., R. 8 E.

Chains

Land, level; 7.50 chs. cultivated; 24.25 chs. in river bed.
Soil, sandy loam, 1st rate.
Dense and open brush of mesquite and sage, 48.75 chs.

N. 89° 56' E. on a true line bet. secs. 3 and 34.

Over level land, through dense mesquite.

7.00 Road, brs. N. and S. Begin gradual ascent of mountain. Leave dense mesquite; enter open brush of chaparral and palo verde.

At proportional dist.,
17.92 Set an iron post for 1/16 sec. cor. No. 2, ~~XXXXXX~~ of sec. 3 (W $\frac{1}{2}$), with cap stamped

1/16 S 3 No 2 1911 in S.

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise amount of earth 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, S. of cor.

19.00 Wash, course SW.

20.00 Set an iron post for 1/16 sec. cor. No. 2, ~~XXXXXX~~ of sec. 34 (W $\frac{1}{2}$), with cap stamped

1/16 S 34 No 2 in N.
1911 in S.

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise a mound of earth 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, N. of cor.

26.00 Begin steep ascent of mountain.

37.76 The $\frac{1}{4}$ sec. cor. bet. secs. 3 and 34, which is a point on the Wila River Indian Reservation boundary. The cor. falls on rock ledge. At position of old corner stone, I set an iron post, with cap stamped

$\frac{1}{4}$ S 34 in N.
S 3 1911 in S.
G R I R in W.
P L in E. (Post set 6 ins. in ground).

Build a mound of stone 8 ft. base, and 3 ft. high, around the post.

Land, level, 7.00 chs.; broken and mountainous, 30.76 chs.
Open and dense brush of sage, mesquite, chaparral and palo verde, full distance.

March 17, 1911.

Resurvey of
North Boundary of T. 5 S., R. 7 E.

Cyrains

Surveyed by Guy P. Harrington, U. S. Surveyor.

The iron posts used in this survey, unless otherwise described, are 3 ft. long, 1 inch in dia., and are set 26 ins. in the ground.

March 25, 1911. At 8 a.m., l.m.t., I set off 1° 33' S. on the decl. arc, 33° 02' on the lat. arc, and determine a meridian with the solar, at the cor. of Tps. 4 and 5 S., Rgs. 6 and 7 E., previously described.

Thence I run

East on a true line bet. secs. 6 and 31.

Over mountainous land, through scattered brush.

40.00 Set an iron post for the 1/4 sec. cor. bet. secs. 6 and 31, with cap stamped

1/4 S 31 in N. half
S 6 1911 in S. half

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high, N. of cor.

46.50 Road, brs. N. 30° W. and S. 30° E.

73.00 Wash, course N. 10° W.

73.50 Road, brs. N. 10° W. and S. 10° E.

80.00 Set an iron post for the cor. of secs. 5 and 6, 31 and 32, with cap stamped

T 4 S S 32 in NE. quadrant
R 7 E S 5 in SE. "
T 5 S S 6 in SW. "
S 31 in NW. "

1911 in S.
5 notches on E. and 1 notch on W. edge

Dig pits 18x18x12 ins. in each sec. 5 1/2 ft. dist.; and raise a mound of earth 4 ft. base, 2 ft. high, W. of cor.

Land, mountainous.
Soil, stony and sandy, 3rd rate.
Scattered brush of palo verde, palo fierro, chaparral and sage, full distance.

East on a true line bet. secs. 5 and 32.

Over gently sloping land, through open brush.

10.50 Foot of rocky spur, from N. Thence ascend.

13.50 Ridge of rocky spur, brs. N. and S. Thence descend.

16.50 Foot of rocky spur, from N.

20.00 Set an iron post for 1/16 sec. cor. No. 2, bet. secs. 5

Resurvey of
North Boundary of T. 5 S., R. 7 E.

Chains

and 32, ($W\frac{1}{2}$), with cap stamped

$\frac{1}{16}$ S 32 in N. half
S 5 No 2 1911 in S. half

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.;
and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high,
N. of cor.

35.50 Foot of rocky N. spur. Thence ascend.

38.50 Summit of rocky N. spur. Thence descend.

40.00 Set an iron post for $\frac{1}{4}$ sec. cor. bet. secs. 5 and 32,
with cap stamped

$\frac{1}{4}$ S 32 in N. half
S 5 1911 in S. half

Build a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high, N. of
cor.

Cor. falls on steep rocky slope.

41.50 Foot of N. spur; thence over level land.

60.00 Set an iron post for $\frac{1}{16}$ sec. cor. No. 1, bet. secs. 5
and 32 ($E\frac{1}{2}$), with cap stamped

$\frac{1}{16}$ S 32 in N. half
S 5 No 1 1911 in S. half

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.;
and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high,
N. of cor.

80.00 Set an iron post for the cor. of secs. 4, 5, 32 and 33,
with cap stamped

T 4 S S 33 in NE. quadrant
R 7 E S 4 in SE. "
T 5 S S 5 in SW. "
S 32 in NW. "
1911 in S.

4 notches on E. and 2 notches on W. edge

Dig pits 18x18x12 ins. in each sec. $5\frac{1}{2}$ ft. dist.; and
raise a mound of earth 4 ft. base, 2 ft. high, W. of
cor.

Land, gently sloping, and mountainous.
Soil, stony, 3rd rate, and sandy, 2nd rate.
Open and scattered brush of sage, chaparral, palo verde,
and mesquite, full distance.

East on a true line bet. secs. 4 and 33.

over level land, through open brush.

1.70 Road, brs. N. 30° W. and S. 30° E.

20.00 Set an iron post for $\frac{1}{16}$ sec. cor. No. 2, bet. secs. 4
and 33 ($W\frac{1}{2}$), with cap stamped

$\frac{1}{16}$ S 33 in N. half
S 4 No 2 1911 in S. half

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.;

Resurvey of
North Boundary of T. 5 S., R. 7 E.

Chains

- and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, N. of cor.
- 40.00 Set an iron post for $\frac{1}{4}$ sec. cor. bet. secs. 4 and 33, with cap stamped
- $\frac{1}{4}$ S 33 in N. half
S 4 1911 in S. half
- Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, N. of cor.
- 56.20 Road, brs. N. 45° W. and S. 45° E.
- 60.00 Set an iron post for $1/16$ sec. cor. No. 1, bet. secs. 4 and 33 ($E\frac{1}{2}$) with cap stamped
- $1/16$ S 33 in N. half
S 4 No 1 1911 in S. half
- Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, N. of cor.
- 80.00 Set an iron post for the cor. of secs. 3, 4, 33 and 34, with cap stamped
- T 4 S S 34 in NE. quadrant
R 7 E S 3 in SE. "
T 5 S S 4 in SW. "
S 33 in NW. "
1911 in S.
3 notches on E. and W. edges
- Dig pits 18x18x12 ins. in each sec. $5\frac{1}{2}$ ft. dist.; and raise a mound of earth 4 ft. base, 2 ft. high, W. of cor.
- Land, level.
Soil, sandy loam, 1st rate.
Open brush of sage, mesquite, and chaparral, full distance.
-
- East on a true line bet. secs. 3 and 34.
Over level land, through dense brush.
- 20.00 Set an iron post for $1/16$ sec. cor. No. 2, bet. secs. 3 and 34 ($W\frac{1}{2}$), with cap stamped
- $1/16$ S 34 in N. half
S 3 No 2 1911 in S. half
- Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, N. of cor.
- 20.20 Wash, course N. 10° W. (about 10 ft. deep).
- 22.30 Main wash, course N. 20° W.
- 40.00 Set an iron post for $\frac{1}{4}$ sec. cor. bet. secs. 3 and 34, with cap stamped
- $\frac{1}{4}$ S 34 in N. half
S 3 1911 in S. half
- Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.;

Resurvey of
North Boundary of T. 5 S., R. 7 E.

Chains

and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high,
N. of cor.

60.00 Set an iron post for $1/16$ sec. cor. No. 1, bet. secs. 3
and 34 ($E.\frac{1}{2}$), with cap stamped

$1/16$ S 34 in N. half
S 3 No 1 1911 in S. half

Dig pits $18 \times 18 \times 12$ ins. E. and W. of post 3 ft. dist.;
and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high,
N. of cor.

70.50 Leave dense mesquite brush; enter open growth, brs. N.
and S.

71.70 Road, brs. N. 10° W. and S. 10° E.

80.00 Set an iron post for the cor. of secs. 2, 3, 34 and 35,
with cap stamped

T 4 S S 35 in NE. quadrant
R 7 E S 2 in SE. "
T 5 S S 3 in SW. "
S 34 in NW. "
1911 in S.

2 notches on E. and 4 notches on W. edge

Dig pits $18 \times 18 \times 12$ ins. in each sec. $5\frac{1}{2}$ ft. dist.; and
raise a mound of earth 4 ft. base, 2 ft. high, W. of
cor.

Land, level.

Soil, sandy loam, 1st rate.

Dense and open brush of sage and mesquite, full distance.

East on a true line bet. secs. 2 and 35.

Over level land, through open brush.

20.00 Set an iron post for $1/16$ sec. cor. No. 2, bet. secs. 2
and 35 ($W.\frac{1}{2}$), with cap stamped

$1/16$ S 35 in N. half
S 2 No 2 1911 in S. half

Dig pits $18 \times 18 \times 12$ ins. E. and W. of post 3 ft. dist.;
and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high,
N. of cor.

40.00 Set an iron post for $\frac{1}{4}$ sec. cor. bet. secs. 2 and 35,
with cap stamped

$\frac{1}{4}$ S 35 in N. half
S 2 1911 in S. half

Dig pits $18 \times 18 \times 12$ ins. E. and W. of post 3 ft. dist.;
and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high,
N. of cor.

60.00 Set an iron post for $1/16$ sec. cor. No. 1, bet. secs. 2
and 35 ($E.\frac{1}{2}$), with cap stamped

$1/16$ S 35 in N. half
S 2 No 1 1911 in S. half

Dig pits $18 \times 18 \times 12$ ins. E. and W. of post 3 ft. dist.;

Resurvey of

North Boundary of T. 5 S., R. 7 E.

Chains

and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high,
N. of cor.

bdy. bet. the

74.78 Intersect the Gila River Indian Reservation and patented land
at a point 3.40 chs. S. of the NW. cor. of sec. 1, (as described in subdivision notes of T. 5 S., R. 7 E.) which is an angle point on the reservation bdy.

3 ins. dia.,
Set an iron post for C.C. of Tps. 4 and 5 S., R. 7 E.,
with cap stamped

C C in W.
T 4 S R 7 E S 35 in NW.
T 5 S S 2 in SW.
G R I R in W.
1911 in S.

Dig pits 30x24x12 ins. crosswise on each line N. and S.
of post 4 ft., and W., 8 ft. dist.; and raise a mound
of earth 5 ft. base, 2 1/2 ft. high, W. of cor.

Land, level.
Soil, sandy loam, 1st rate.
Open brush of sage and mesquite, full distance.

March 25, 1911.

March 15, 1911.

From the point for the old C.C. of secs. 1 and 2, T. 5 S.,
R. 7 E., I run

East on a random line along the N. bdy. of sec. 1.

36.62 No trace of the old 1/4 sec.

40.00 Set temp. 1/4 sec. cor. of sec. 1, an angle point on the
reservation bdy.

60.00 Set temp. 1/16 sec. cor.

80.00 Set temp. 1/16 sec. cor.

100.00 Set temp. 1/16 sec. cor.

116.00 Falls 21 lks. S. of true point for the cor. of Tps. 4
and 5 S., Rgs. 7 and 8 E., which true point falls in
Indian cabin. In the original survey a W.C. was set,
2.00 chs. E. of the true point for Tp. cor. I reestab-
lish the W.C. by measuring south 6° 30' east, 3.82 chs.
from a mesquite bearing tree 30 ins. dia., mkd. T 5 S.,
R 7 E S 36 B T. From the point for the W.C. a mesquite
14 ins. dia. brs. N. 36° 40' W., 365 lks. dist. and a
mesquite 12 ins. dia., brs. S. 21° W., 319 lks. dist.
The NE. cor. of an Indian cabin brs. S. 77° 30' W., 1.73
chs. and the NE. cor. of another Indian cabin brs. S. 65° 50' W. 2.44 ch
These distances and bearings agree with those reported in
the original notes.

At the above established point for W.C., I set an iron
post 3 ft. long, 3 ins. dia., 26 ins. in the ground,
for W.C. to the cor. of Tps. 4 and 5 S., Rgs. 7 and 8 E.,
with cap stamped

Resurvey of
North Boundary of T. 5 S., R. 7 E.

Chains

T 4 S S 31 in NE. quadrant
R 8 E S 6 in SE. "
T 5 S S 1 in SW. "
R 7 E S 36 in NW. "
1911 in S.,
and W C in addition
6 notches on N., S., E. and W. edges

Dig pits 24x24x12 ins., N., E., and W., 4 ft., and S. of post 8 ft. dist.; and raise a mound of earth 5 ft. base, 2½ ft. high, S. of cor.

This W.C. is 2.00 chs. East of true point which falls in Indian cabin.

Thence from the true point for the cor. of Tps. 4 and 5 S., Rgs. 7 and 8 E., I run

S. 89° 54' W. on a true line along the N. bdy. of sec. 1.

Over level land, through scattered brush.

4.30 Wash, course NE.

8.00 Road, brs. N. 30° E. and S. 30° W.

11.00 Road, brs. N. 30° W. and S. 30° E.

16.00 Set an iron post for 1/16 sec. cor. (not numbered) on the N. bdy. of sec. 1, with cap stamped

1/16 S 1 1911 in S. half.

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise a mound of earth 3½ ft. base, 1½ ft. high, S. of cor.

18.00 Indian cabin, brs. North 2.00 chs. dist.

24.00 Road, brs. NW. and SE.

36.00 Set an iron post for 1/16 sec. cor. (not numbered) on the N. bdy. of sec. 1, with cap stamped

1/16 S 1 1911 in S. half

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise a mound of earth 3½ ft. base, 1½ ft. high, S. of cor.

56.00 Set an iron post for 1/16 sec. cor. (not numbered) on the N. bdy. of sec. 1, with cap stamped

1/16 S 1 1911 in S. half

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise a mound of earth 3½ ft. base, 1½ ft. high, S. of cor.

56.10 Road, brs. NW. and SE.

56.30 Old irrigation ditch, brs. N. 60° W. and S. 60° E.

76.00 Set an iron post for ¼ sec. cor. on N. bdy. of sec. 1, and angle point on reservation boundary, mkd. ¼ S 1 P L 1911 on S., G R I R on N.

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise a mound of earth 3½ ft. base, 1½ ft. high, S. of cor.

Resurvey of
North Boundary of T. 5 S., R. 7 E.

Chains

From this cor., Pinokley's store brs. S. 45° W., about 2.00 chs. dist.

Thence along the reservation bdy.

82.00 Road, brs. N. 60° W. and S. 60° E.

115.00 Road, brs. N. 30° E. and S. 30° W.

116.00 The NW. cor. of sec. 1, T. 5 S., R. 7 E., and angle point on the reservation bdy., (which was formerly the C.C. of secs. 1 and 2).

Land, level.

Soil, sandy loam, 1st rate.

Open brush of sage, mesquite and chaparral, full distance.

March 15, 1911.

April 15, 1911.

After completing the subdivision of T. 4 S., R. 7 E., I find it necessary to set 1/16 sec. cors. along the N. bdy. of sec. 1, T. 5 S., R. 7 E., which will refer to sec. 36, T. 4 S., R. 7 E.

I could not establish these corners until the line between secs. 35 and 36 had been closed on this line.

Therefore from the C.C. of secs. 35 and 36, I run

N. 89° 54' E. along the S. bdy. of sec. 36, T. 4 S., R. 7 E., which is also the Gila River Indian Reservation boundary.

20.00 Set an iron post for 1/16 sec. cor. ^{No. 2} on the S. bdy. of sec. 36 (W $\frac{1}{2}$), with cap stamped

1/16 S 36 No 2 G R I R on N.
P L 1911 on S.

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise a mound of earth 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, N. of cor.

34.74 The $\frac{1}{4}$ sec. cor. on the N. bdy. of sec. 1, and angle point on reservation boundary, heretofore described.

40.00 Set an iron post for $\frac{1}{4}$ sec. cor. on S. bdy. of sec. 36, with cap stamped

$\frac{1}{4}$ S 36 on N.
1911 on S.

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise a mound of earth 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, N. of cor.

54.74 The 1/16 sec. cor. on the N. bdy. of sec. 1, heretofore described.

60.00 Set an iron post for 1/16 sec. cor. No. 1, on the S. bdy. of sec. 36, with cap stamped

1/16 S 36 No 1 on N.
1911 on S.

Resurvey of
North Boundary of T. 5 S., R. 7 E.

Chains

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.;
and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high,
N. of cor.

74.74 The 1/16 sec. cor. on N. bdy. of sec. 1, heretofore des-
cribed.

80.00 Set an iron post for 1/16 sec. cor. No. 19, on S. bdy. of
sec. 36, with cap stamped

1/16 S 36 No 19 in N.
1911 in S.

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.;
and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high,
N. of cor.

94.74 The 1/16 sec. cor. on N. bdy. of sec. 1, heretofore des-
cribed.

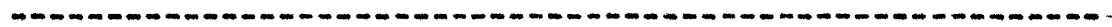
100.00 Set an iron post for 1/16 sec. cor. No. 20, on S. bdy. of
sec. 36, with cap stamped

1/16 S 36 No 20 in N.
1911 in S.

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.;
and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high,
N. of cor.

110.74 True point for cor. of Tps. 4 and 5 S., Rgs. 7 and 8 E.

April 15, 1911.



Resurvey of
West Boundary of T. 4 S., R. 8 E.

Chains

Surveyed by Guy P. Harrington, U. S. Surveyor.

The iron posts used in this survey, unless otherwise described, are 3 ft. long, 1 in. in dia., and are set 26 ins. in the ground.

March 28, 1911. At 8 a.m., l.m.t., I set off 33° 02' on the lat. arc, 2° 20' N. on the decl. arc, and determine a meridian with the solar, at the true point for the cor. of Tps. 4 and 5 S., Rgs. 7 and 8 E., previously described.

Thence I run

North on a true line *along* *the* bdy. of sec. 31.

Over level *to* *the* *open* brush.

- 3.50 Road, brs. N. *60° W.* *at* *60° E.*
- 8.00 Road, brs. N. 60° W. *at* *60° E.*
- 14.00 Indian cabin, brs. West 1.00 ch. dist.
- 14.20 Road, brs. E., from cabin.
- 19.25 Set an iron post for W.C. to the 1/16 sec. cor. No. 12, on W. bdy. of sec. 31 (S $\frac{1}{2}$), with cap stamped

W C 1/16 S 31 No 12 on E.
1911 on S.

Dig pits 18x18x12 ins. N. and S. of post 3 ft. dist.; and raise a mound of earth 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, E. of cor.
- 20.00 True point for 1/16 sec. cor. No. 12, on W. bdy. of sec. 31 (S $\frac{1}{2}$), falls in bed of Little Gila River, course N. 60° W.; 1.00 ch. in width.
- 22.00 Wire fence, brs. N. 60° W. and S. 60° E. Enter cultivated fields.
- 32.00 Wire fence, brs. N. 30° E., and S. 30° W.
- 32.10 Road, brs. N. 30° E. and S. 30° W.
- 34.00 Road, brs. N. 10° E. and S. 10° W. Leave cultivated fields; enter open brush.
- 35.50 Road, brs. N. 60° E. and S. 60° W.
- 38.00 Wire fence, brs. N. 60° W. and S. 60° E.
- 38.50 Indian hay corral, 1.00 ch. square on line. Leave brush and enter cultivated fields.
- 40.00 Set an iron post for $\frac{1}{4}$ sec. cor. on W. bdy. of sec. 31, with cap stamped

$\frac{1}{4}$ S 31 in E.
1911 in S.

Dig pits 18x18x12 ins. N. and S. of post 3 ft. dist.;

Resurvey of
West Boundary of T. 4 S., R. 8 E.

Chains

- and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high,
E. of cor.
- 42.00 Wire fence and lateral ditch, brs. N. 30° E. and S. 30° W.
- 48.00 Wire fence and lateral ditch, brs. N. 60° W. and S. 30° E.
- 48.50 Main lateral ditch, brs. N. 60° W. and S. 60° E.
Leave fields; enter open brush.
- 49.50 Wire fence, brs. N. 60° W. and S. 60° E.
- 52.50 Wire fence and lateral ditch, brs. N. 30° E. and S. 30° W.
- 59.00 Old Indian summer-shed, brs. E. 10 lks. dist.
- 60.00 Set an iron post for $1/16$ sec. cor. No. 6, on W. bdy. of
sec. 31 ($N\frac{1}{2}$), with cap stamped
- $1/16$ S 31 No 6 in E.
1911 in S.
- Dig pits $18 \times 18 \times 12$ ins. N. and S. of post 3 ft. dist.;
and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high,
E. of cor.
- 64.00 Old irrigation canal, brs. NW. and SE.
- 65.00 Old road, brs. N. 60° W. and S. 60° E.
- 68.00 The SW. cor. of small cultivated field on line.
- 68.20 Wire fence, brs. N. 30° E. and S. 30° W.
Enter cultivated field.
- 70.00 Indian cabin, brs. E., 3.00 chs. dist.
- 73.70 Lateral ditch and wire fence, brs. N. 60° W. and S. 60° E.
- 73.80 Lateral ditch, parallel to above fence.
- 75.50 Lateral ditch, brs. N. 30° E. and S. 30° W.
- 77.36 Left bank of Gila River.
Set an iron post for M.C. of secs 25, & 31 with cap stamped
- S 25 on W.
T 4 S R 8 E S 31 on E.
M C on N.
1911 on S.
- Dig a pit $36 \times 36 \times 12$ ins. 8 ft. S. of post; and raise a
mound of earth 4 ft. base, 2 ft. high, S. of cor.
- 80.00 True point for cor. of secs. 30 and 31, falls in bed of
Gila River.
Set temp. point.
- Land, level; 31.16 chs. cultivated; 2.64 chs. river bed.
Soil, sandy loam, 1st rate.
Open brush of sage, mesquite, chaparral and scattered
palo fierro, 46.20 chs.
-
- North on a true line along the W. bdy. of sec. 30.
- Over bed of Gila River.

Resurvey of
West Boundary of T. 4 S., R. 8 E.

Chains	
20.00	True point for 1/16 sec. cor. No. 12, on W. bdy. of sec. 30 (S $\frac{1}{2}$), falls in bed of Gila River. Set temp. point.
40.00	True point for $\frac{1}{4}$ sec. cor. on W. bdy. of sec. 30, falls in bed of Gila River. Set temp. point.
60.00	True point for 1/16 sec. cor. No. 6, on W. bdy. of sec. 30 (N $\frac{1}{2}$), falls in bed of Gila River.
72.45	Right bank of Gila River. Set an iron post for M.C. of secs 25, & 30 with cap stamped S 25 in W. T 4 S R 8 E S 30 in E. M C 1911 in S., from which A cottonwood 5 ins. dia. brs. S. 64° 30' W., 25 lks. dist. Mkd. T 4 S R 7 E S 25 M C B T. A cottonwood 8 ins. dia. brs. S. 38° 30' E., 49 lks. dist. Mkd. T 4 S R 8 E S 30 M C B T. Leave river bed; enter cultivated field.
75.50	Lateral ditch and wire fence, brs. N. 60° W, and S. 60° E.
80.00	Set an iron post for the cor. of secs. 19 and 30, with cap stamped T 4 S S 19 in NE. R 8 E S 30 in SE. 1911 in S. 2 notches on S. and 4 notches on N. edge Dig pits 24x24x12 ins. in each sec., 6 ft. dist.; and raise a mound of earth 4 ft. base, 2 ft. high, E. of cor. Land, level river bottom, and level land; 7.55 chs. cultivated. Soil, sandy and river silt, and sandy loam, 1st rate. ----- North on a true line along the W. bdy. of sec. 19. Over level land, through cultivated fields.
2.50	Wire fence and lateral ditch, brs. N. 30° E. and S. 30° W.
11.83	Leave cultivated fields, bearing N. 60° W. and S. 60° E. Enter open brush.
13.00	Cluster of six Indian cabins, brs. E., from 1 to 3 chs. dist.
14.50	Wire fence, brs. N. 30° E. and S. 30° W.
16.50	Wire fence, brs. N. 60° W. and S. 60° E.
20.00	Set an iron post for 1/16 sec. cor. No. 12, on the W. bdy. of sec. 19 (S $\frac{1}{2}$), with cap stamped 1/16 S 19 No 12 in E. 1911 in S. Dig pits 18x18x12 ins. N. and S. of post 3 ft. dist.;

Resurvey of
West Boundary of T. 4 S., R. 8 E.

Chains

and raise a mound of earth 3½ ft. base, 1½ ft. high,
E. of cor.

20.50 Wash, course SW.

40.00 Set an iron post for ¼ sec. cor. on W.bdy. of sec. 19,
with cap stamped

¼ S 19 in E.
1911 in S.

Dig pits 18x18x12 ins. N. and S. of post 3 ft. dist.;
and raise a mound of earth 3½ ft. base, 1½ ft. high,
E. of cor.

52.00 Wash, course SW.

60.00 Set an iron post for 1/16 sec. cor. No. 6, on the W. bdy.
of sec. 19 (N½), with cap stamped

1/16 S 19 No 6 in E.
1911 in S.

Dig pits 18x18x12 ins. N. and S. of post 3 ft. dist.;
and raise a mound of earth 3½ ft. base, 1½ ft. high,
E. of cor.

63.00 Road, brs. NW. and SE.

80.00 Set an iron post for the cor. of secs. 18 and 19, with
cap stamped

T 4 S S 18 in NE.
R 8 E S 19 in SE.
1911 in S.

3 notches on N. and S. edges

Dig pits 24x24x12 ins. in each sec. 6 ft. dist.; and
raise a mound of earth 4 ft. base, 2 ft. high, E. of
cor.

Land, level; 11.83 chs. cultivated.
Soil, sandy loam, 1st rate.
Open brush of sage and mesquite and chaparral, 68.17 chs.

North on a true line along the W. bdy. of sec. 18.

Over level land, through open brush.

5.00 Wash, course SW.

9.00 Road, brs. NE. and SW.

20.00 Set an iron post for 1/16 sec. cor. No. 12, on the W. bdy.
of sec. 18 (S½), with cap stamped

1/16 S 18 No 12 in E.
1911 in S.

Dig pits 18x18x12 ins. N. and S. of post 3 ft. dist.;
and raise a mound of earth 3½ ft. base, 1½ ft. high,
E. of cor.

22.00 Wash, course SW.

26.00 Wash, course SW.

Resurvey of
West Boundary of T. 4 S., R. 6 E.

Chains

40.00 Set an iron post for $\frac{1}{4}$ sec. cor. on W. bdy. of sec. 18,
with cap stamped

$\frac{1}{4}$ S 18 in E.
1911 in S.

Dig pits 18x18x12 ins. N. and S. of post 3 ft. dist.;
and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high,
E. of cor.

42.00 Wash, course SW.

50.00 Main wash, course SW.

60.00 Set an iron post for $\frac{1}{16}$ sec. cor. No. 6, on W. bdy. of
sec. 18 ($N\frac{1}{2}$), with cap stamped

$\frac{1}{16}$ S 18 No 6 in E.
1911 in S.

Dig pits 18x18x12 ins. N. and S., of post 3 ft. dist.;
and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high,
N. of cor.

80.00 Set an iron post for the cor. of secs. 7 and 18, with cap
stamped

T 4 S S 7 in NE.
R 6 E S 18 in SE.
1911 in S.

4 notches on S. and 2 notches on N. edge

Dig pits 24x24x12 ins. in each sec., 6 ft. dist.; and
raise a mound of earth 4 ft. base, 2 ft. high, E. of
cor.

Land, level, and gently rolling.

Soil, sandy loam, 1st rate.

Open brush of sage, chaparral, palo verde and palo fierro,
full distance.

North on a true line along the W. bdy. of sec. 7.

Over gently rolling land, through open brush.

1.00 Wash, course SW.

3.50 Wash, course W.

9.00 Wash, course W.

14.00 Wash, course W.

40.00 Set an iron post for $\frac{1}{4}$ sec. cor. on the W. bdy. of sec. 7,
with cap stamped

$\frac{1}{4}$ S 7 in E.
1911 in S.

Dig pits 18x18x12 ins. N. and S. of post 3 ft. dist.;
and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high,
E. of cor.

66.00 Wash, course SW.

80.00 Set an iron post for the cor. of secs. 6 and 7, with cap
stamped

Resurvey of

West Boundary of T. 4 S., R. 8 E.

Chains

T 4 S S 6 in NE. quadrant
R 8 E S 7 in SE. "
1911 in S.
5 notches on S. and 1 notch on N. edge

Dig pits 24x24x12 ins., in each sec., 6 ft. dist.; and raise a mound of earth 4 ft. base, 2 ft. high, E. of cor.

Land, gently rolling.
Soil, sandy loam, 1st rate.
Open brush of chaparral, palo verde and palo fierro, full distance.

North on a true line along the W. bdy. of sec. 6.
Over level and gently rolling land, through open brush.

- 2.00 Wash, course SW.
- 10.00 Wash, course SW.
- 18.00 Wash, course SW. from N.
Thence along bed of wash.
- 26.00 Same wash, course S. from NE.
- 40.00 Set an iron post for $\frac{1}{4}$ sec. cor. on W. bdy. of sec. 6,
with cap stamped

$\frac{1}{4}$ S 6 in E.
1911 in S.

Dig pits 18x18x12 ins. N. and S. of post 3 ft. dist.;
and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high,
E. of cor.
- 40.30 Wash, course SW.
Ascend gradual S. slope.
- 52.50 Summit of spur, brs. E. and W.
Thence descend broken NW. slope.
- 72.00 Wash, course W. at foot of descent.
- 76.00 Wash, course W.
- 78.00 Wash, course W.
- 79.11 Intersect the N. bdy. of the Gila River Indian Reserva-
tion at a point 2.66 chs. E. of the old cor. of Tps. 3
and 4 S., Rgs. 7 and 8 E., which now refers to T. 3 S.,
only.

Set an iron post 3 ft. long, 3 ins. dia., 26 ins. in ground,
for C.C. of T. 4 S., Rgs. 7 and 8 E., with cap stamped

T 4 S R 7 E S 1 in SW.
R 8 E S 6 in SE.
C C G R I R 1911 in S.
P L in N.

Build a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high, S. of
cor.

Land, gently rolling and broken.
Soil, sandy and stony, 2nd rate.
Open brush of chaparral, palo verde and palo fierro.
March, 28, 1911.

Resurvey of the South and East Boundaries of the
Gila River Indian Reservation
in T. 5S., R. 8 E.

Survey executed by Guy F. Harrington, U. S. Surveyor,
on March 26 and 27, 1911, and January. 3, 1912.

The South Boundary of the Gila River Indian Reservation,
in T. 5 S., R. 8 E., takes the following directions:

From the 1/16 sec. cor. No. 6, on the W. bdy. of sec. 7,
N 1/2, -

- N. 89° 30' E., 80.32 chs.
- Thence N. 0° 46' W., 39.66 "
- # " S. 89° 45' W., 39.90 "
- # " N. 0° 32' W., 39.87 "
- # " S. 89° 51' E., 39.84 "
- # " S. 0° 46' E., 19.83 "
- " N. 89° 33' E., 79.76 "
- " S. 0° 55' E., 39.76 "
- " N. 89° 54' E., 79.72 "
- # " S. 1° 41' E., 19.91 "
- # " N. 89° 43' E., 40.30 "

(# courses and distances as
determined by correction
survey in 1919 - See Pgs.
49 & 50 Book "Y"

To the SE. cor of
the reservation,
which is also the
1/16 sec. cor. No. 4
of sec 10.

The East Boundary of the Gila River Indian Reservation,
in T. 5 S., R. 8 E., takes the following direction;

From the SE. cor. of the reservation, which is also the
1/16 sec. cor. No. 4, of sec. 10, -

- N. 1° 49' W., 19.85 chs.; thence (# see above)
- N. 1° 40' W., 79.38 " To the 1/4 sec cor. bet. secs.
3 and 34, on N. bdy. of Tp.

Note: For field notes of the survey of this South and
East Boundary of the Gila River Indian Reserva-
tion in T. 5 S., R. 8 E., see notes of the sub-
division of T. 5 S., R. 8 E., Book "Y" and
same under Group 98., Pgs. 49 & 50 Book "Y"

Resurvey of the East Boundary of the Gila River
Indian Reservation in T. 4 S., R. 8 E.

Chains

Surveyed by Guy P. Harrington, U. S. Surveyor.

The iron posts used in this survey, unless otherwise described, are 3 ft. long, 1 inch in dia., and are set 26 ins. in the ground.

March 28, 1916. At 9 a.m., l.m.t., I set off 33° 02' on the lat. arc, 2° 45' N. on the decl. arc, and determine a meridian with the solar, at the 1/4 sec. cor. bet. secs. 3 and 34, Tps. 4 and 5 S., R. 8 E., which is a point on the Gila River Indian Reservation.

Thence I run

North on a random line through the middle of sec. 34, along the reservation boundary.
Descending steep N. slope of mountain.

- 8.00 Gulch, course W.
Begin ascent of steep S. slope.
- 10.00 Top of ascent, brs. E. and W.
Thence descend.
- 16.00 Gulch, course W.
- 24.00 Begin steep ascent, brs. E. and W.
- 34.00 Summit of ascent, brs. E. and W. to summit of small butte, about 6.00 chs. dist.
Thence descend.
- 45.50 Wash, course S. 60° E., at foot of descent bearing N. 60° W. and S. 60° E.
- 48.00 Enter level land, covered with chaparral and palo verde, brs. N. 60° W. and S. 60° E.
- 55.00 Road, brs. E. and W.
- 56.00 Wash, course E.
- 74.00 Road, brs. NE. and SW.
- 79.56 Falls 5 lks. W. of the 1/4 sec. cor. bet. secs. 27 and 34, which is a wooden post lying on top of ground, mkd. 1/4 S 27. I dig in the ground and find decayed wood at point where post was originally set. from which a palo verde, 12 ins. dia. brs. S. 36° E., 175 lks. dist. plainly marked 1/4 S. A palo verde 8 ins. dia. brs. N. 21° E., 125 lks. dist., mkd. 1/4 S. These bearings and distances agree closely with those reported in the original notes.

At point for cor., I replace the decayed wooden post with a palo fierro post 4 ins. sq., 3 ft. long, 2 ft. in the ground, mkd. 1/4 S 27 on N., S. 34 on S.

Bearing of the true line, N. 0° 2' E.

Land, level, and mountainous.
Soil, sandy loam and stony, 2nd and 3rd rate.
Open and dense brush of chaparral and palo verde.

Resurvey of the East Boundary of the Gila River
Indian Reservation in T. 4 S., R. 8 E.

Chains

Thence North on a random line through the middle of sec. 27, along the reservation boundary.

Over level land, through scattered chaparral and palo verde.

3.00 Road, brs. NE. and SW.

6.00 Wash, course SW.

12.00 Wash, course SW.

28.00 Wash, course N. 20° W.

50.00 Begin gradual ascent of W. slope of Walker's Butte.

79.85 Falls 18 lks. E. of the 1/4 sec. cor. bet. secs. 22 and 27, which is a wooden post 3 ins. sq., 1 ft. above ground, mkd. 1/4 S on N. face, from which a palo verde 6 ins. dia. brs. N. 23° W., 100 lks. dist., mkd. 1/4 S.B.T., and a palo verde 5 ins. dia. brs. N. 40° E., 140 lks. dist., mkd. 1/4 B.T. These bearings and distances agree with those reported in the original notes.

Bearing of true line, N. 0° 8' W.

Land, level and gently rolling.
Soil, sandy loam, and stony, 2nd and 3rd rate.
Brush, chaparral and palo verde, full distance.

Thence North on a random line through the middle of sec. 22, along the reservation boundary.

Ascending SW. slope of Walker's Butte, through scattered brush.

22.00 Summit of ascent on W. slope; thence gradual descent of NW. slope.

38.00 Foot of descent; wash, course NW.
Thence over slightly broken land.

46.00 Wash, course NW.

54.00 Wash, course NW.

64.00 Wash, course W.

76.00 Wash, course SW.

78.00 Wash, course SW., with road in same bearing NE. and SW.

80.20 Falls 7 lks. E. of the 1/4 sec. cor. bet. secs. 15 and 22, which is a wooden post 3 ins. sq., lying on ground, mkd. 1/4 S. I dig in ground and find where the post was originally set by finding the decayed wood, from which a palo verde 8 ins. dia. brs. N. 30° W., 41 lks. dist.; and a palo verde 8 ins. dia. brs. S. 88 1/2° W., 89 lks. dist. These bearings and distances agree with those reported in original notes. I replace the old decayed post with a palo fierra post 3 ft. long, 3 ins. sq., 2 ft. in the ground, mkd. 1/4 S 15 on N., and S. 22 on S. face.

Walker's Butte brs. S. 8° 0' E., about 3/4 of a mile dist.

Bearing of true line, N. 0° 3' W.

Resurvey of the East Boundary of the Gila River

Indian Reservation in T. 4 S., R. 8 E.

Chains

Land, broken.
Soil, stony, 3rd rate.
Open brush of chaparral, palo verde and cactus, full distance.

Thence North on a random line through the middle of sec. 15, along the reservation bdy.

Over broken land, through scattered brush, of palo verde and chaparral.

14.00 Wash, course SW.

26.00 Wash, course SW.

37.00 Wash, course NW.

42.50 Wash, course NW.

48.00 Wash, course W.

56.00 Wash, course NW.

66.00 Wash, course SW.

76.00 Wash, course SE.

80.51 Falls 18 lks. E. of the $\frac{1}{4}$ sec. cor. bet. secs. 10 and 15, which is a wooden post 2 ins. sq., 1 ft. above ground, mkd. $\frac{1}{4}$ S. on N. face, from which a palo fierra 12 ins. dia., brs. N. 9° W., 31 lks. dist.; and a palo fierra 12 ins. dia. brs. S. $58\frac{1}{2}^{\circ}$ E., 120 lks. dist. These bearings and distances agree closely with those reported in the original notes.

Bearing of true line, N. $0^{\circ} 8'$ W.

Land, broken.
Soil, stony, 3rd rate.
Open brush of chaparral, palo verde and palo fierra, full distance.

Thence North on a random line through the middle of sec. 10, along the reservation bdy.

Over broken land, through scattered brush.

16.00 Wash, course SE.

22.00 Wash, course SE.

36.00 Wash, course SE.
Thence ascend SE. slope of small butte.

46.00 Summit of ascent on E. slope.
Thence descend NE. slope of butte.

80.22 Falls 18 lks. E. of the $\frac{1}{4}$ sec. cor. bet. secs. 3 and 10, which is a wooden post 4 ins. sq., 1 ft. above ground, mkd. $\frac{1}{4}$ on N. face.

Bearing of true line, N. $0^{\circ} 8'$ W.

Land, broken.
Soil, stony, 3rd rate.
Open brush of chaparral and palo verde, full distance.

Resurvey of the East Boundary of the Gila River
Indian Reservation in T. 4 S., R. 8 E.

Chains

Thence North on a random line through the middle of sec. 3, along the reservation bdy.

Over slightly broken land, through scattered brush.

26.00 Road, brs. NW. and SE.

73.00 Road, brs. NE. and SW.

78.00 Road, brs. SW. and NE. to Webster Siding.

78.91 Falls 92 lks. E. of the $\frac{1}{4}$ sec. cor. bet. secs. 3 and 34, on N. bdy. of Tp., which is a wooden post, badly decayed, 3 ins. sq., 1 ft. above the ground.

I replace this post which would soon be obliterated, with an iron post 3 ft. long, 3 ins. dia., set 26 ins. in the ground, stamped on cap

P L $\frac{1}{4}$ S 34 on N.
 $\frac{1}{4}$ S 3 1911 on S.
G R I R on SW

This cor. is an angle point on the reservation boundary.

The bearing of the true line is N. 0° 40' W.

Land, slightly broken.

Soil, stony, 3rd rate.

Scattered brush of chaparral and palo verde, full distance.

----- March 28, 1911. -----

Resurvey of the North Boundary of T. 4 S., R. 8 E.,
being a part of the N. bdy. of the Gila River Indian Res'n.

Chains

Surveyed by Guy P. Harrington, U. S. Surveyor.

March 29, 1911. At 7h 30m a.m., l.m.t., I set off 33°07' on the lat. arc, 3° 04½' N. on the decl. arc, and determine a meridian with the solar, at the ¼ sec. cor. bet. secs. 3 and 34, Tps. 3 and 4 S., R. 8 E., and angle point on the reservation bdy., previously described.

Thence I run

West on a random line bet. secs. 3 and 34, along the reservation bdy.

40.09 Falls 9 lks. S. of ^{point for} the old cor. of secs. 3, 4, 33 and 34, which I reestablish from the old bearing trees.

Returning to the ¼ sec. cor. of secs. 3 and 34, thence I run

N. 89° 52' W. on a true line bet. secs. 3 and 34, along the reservation bdy.

Over rolling, broken land.

4.00 Road, brs. NE. and SW.

39.80 Wash, course NW.

40.09 Point for old cor. of secs. 3, 4, 33 and 34. Set a palo fierra post 3 ft. long, 4 ins. sq., 2 ft. in the ground, mkd.

T 3 S S 34 on NE.
R 8 E S 33 on NW.
3 notches on E. and W. edges

This cor. will now refer to secs. 33 and 34, T. 3 S., R. 8 E. only.

From this cor., the old bearing trees,

A mesquite 8 ins. dia. brs. S. 74° W., 15 lks. dist.

A mesquite 7 ins. dia. brs. S. 72½° E., 40 lks. dist.

A mesquite 6 ins. dia. brs. N. 39½° E., 137 lks. dist.

A mesquite 8 ins. dia. brs. N. 30° W., 117 lks. dist.

Land, rolling and broken.
Soil, stony, 3rd rate.
Scattered mesquite timber.

West on a random line bet. secs. 4 and 33, along the reservation bdy.

Over rolling and broken land, through scattered brush and timber.

40.06 Falls 5 lks. S. of the old ¼ sec. cor. bet. secs. 4 and 33, which is a granite stone 6x6x6 ins., above ground, marked ¼ on N. face, and witnessed by a mound of stone, from which

Resurvey of the North Boundary of T. 4 S., R. 8 E.
being a part of the N. bdy. of the Gila River Indian Res'n.

Chains

- a mesquite 6 ins. dia. brs. N. 15° E., 230 lks. dist.
Mkd. $\frac{1}{4}$ S.
No trace of the NW. B.T.
- 80.06 Intersect the old cor. of secs. 4, 5, 32 and 33, which is a granite stone 4x6x4 ins., above ground, mkd. with 2 notches on W. and 4 on E. face, from which the old bearing trees - a palo verde 8 ins. dia. brs. N. 18° W., 7 lks. dist.; a palo verde 6 ins. dia. brs. S. 80 $\frac{1}{2}$ ° E., 37 lks. dist.; a palo verde 8 ins. dia. brs. N. 50° E., 99 lks. dist.; and a palo verde 8 ins. dia. brs. N. 79° W., 56 lks. dist. The old scars are plainly visible on all of the above trees, but markings only partly legible.
- Returning to the old cor. of secs. 3, 4, 33 and 34, thence I run
N. 89° 56' W. on a true line along the reservation bdy.
- 28.00 Road, brs. N. 30° E. and S. 30° W.
- 40.06 The old $\frac{1}{4}$ sec. cor. bet. secs. 4 and 33, heretofore described.
This cor. will now refer to sec. 33 only.
- Thence S. 89° 56' W. on a true line, bet. secs. 4 and 33 ($W\frac{1}{4}$), commencing measurement at $\frac{1}{4}$ sec. cor.
- 10.00 Ridge, brs. N. and S.
- 18.00 Wash, course N.
- 32.00 Begin ascent, brs. N. and S.
- 39.00 Summit of ascent. Begin descent, brs. N. and S.
- 40.00 The old cor. of secs. 4, 5, 32 and 33, heretofore described.
This cor. will now refer to secs. 32 and 33 only.
- Land, broken and rolling.
Soil, stony, 3rd rate.
Scattered brush of palo verde and chaparral, full distance.
-
- West on a random line bet. secs. 5 and 32, along the reservation boundary.
- 40.00 Falls 5 lks. S. of the old $\frac{1}{4}$ sec. cor. bet. secs. 5 and 32, which is a palo fierra post, 3 ins. sq., 1 ft. above ground and remainder of old mound, from which the old bearing trees - a palo verde 8 ins. dia. brs. N., 32 lks. dist.; and a palo verde 10 ins. dia., brs. N. 86 $\frac{1}{2}$ ° E., 107 lks. dist. The old scars are visible, but old markings are only partly legible.
- 80.10 Falls 7 lks. S. of the old cor. of secs. 5, 6, 31 and 32, which is a mesquite post 4 ins. sq., 1 ft. above ground, markings in evidence but illegible, 5 notches on E. and 1 notch on W. edge, from which the old bearing trees - a palo fierra 12 ins. dia. brs. N. 53 $\frac{1}{4}$ ° E., 121 lks. dist.; a palo verde 8 ins. dia. brs. N. 76 $\frac{1}{2}$ ° E., 59 lks. dist.; and a palo verde 8 ins. dia. brs. S. 31° E., 97 lks. dist. No evidence of other SE. B.T. The old scars on these trees are plainly visible, but the old markings are only partly legible.

Resurvey of the North Boundary of T. 4 S., R. 8 E.

being a part of the N. bdy. of the Gila River Indian Res'n

Chains

Returning to the old cor. of secs. 4, 5, 32 and 33, thence I run

N. 89° 56' W. on a true line bet. secs. 5 and 32, along the reservation bdy.

Descending from ridge.

5.00 Foot of descent. Wash, course NE. Thence ascend.

15.20 Summit of ridge, brs. N. and S. Thence descend NW. slope.

26.00 Foot of descent, brs. NE. and SW. Thence over rolling broken land.

40.00 The old 1/4 sec. cor. bet. secs. 5 and 32, heretofore described.

This 1/4 sec. cor. will now refer to sec. 32 only.

Thence N. 89° 58' W. on a true line along the reservation bdy., bet. secs. 5 and 32 (W 1/2).

7.00 Wash, course N.

19.00 Wash, course N.

29.00 Wash, course N.

38.00 Wash, course N.

40.10 The old cor. of secs. 5, 6, 31 and 32, heretofore described.

This cor. will now refer to secs. 31 and 32 only.

Land, rolling and broken.
Soil, stony, 3rd rate.
Scattered brush, full distance.

West on a random line bet. secs. 6 and 31, along the reservation bdy.

40.07 Intersect the point for the old 1/4 sec. cor. bet. secs. 6 and 31, which I locate from the old bearing trees - a palo verde 8 ins. dia. brs. S. 69° W., 53 lks. dist.; plainly marked 1/4 S.; and a palo verde 8 ins. dia. brs. S. 39° E., 73 lks. dist., old scar visible but old markings illegible.
Set a palo fierra post 4 ins. sq., 3 ft. long, 2 ft. in the ground, for the 1/4 sec. cor. of sec. 31, mkd. 1/4 S 31 on N. face.

78.47 Intersect the old cor. of Tps. 3 and 4 S., Rgs. 7 and 8 E. which is a wooden post 4 ins. sq., 1 ft. above ground in the middle of a stone mound, - old markings illegible; from which the old bearing trees - a palo verde 10 ins. dia. brs. N. 18 1/2° E., 10 lks. dist.; a palo verde 8 ins. dia. brs. S. 58° W., 56 lks. dist.; a palo fierra 10 ins. dia., brs. N. 56 1/2° W., 90 lks. dist.; a palo fierra 12 ins. dia. brs. S. 33 1/2° E., 16 lks. dist.
The old scars on these trees are plainly visible, but the old markings only partly legible.

Resurvey of the North Boundary of T. 4 S., R. 8 E.
being a part of the N. bdy. of the Gila River Indian Res'n.

Chains

Returning to the old cor. of secs. 5, 6, 31 and 32,
thence I run

West on a true line bet. secs. 6 and 31, along the reser-
vation bdy.

Over broken land, through scattered brush.

40.07 The old $\frac{1}{4}$ sec. cor. bet. secs. 6 and 31, as set by me,
which now refers to sec. 31 only.

62.00 Wash, course NW.

68.60 Wash, course NW.

74.00 Wash, course NE.

75.81 C.C. of T. 4 S., Rgs. 7 and 8 E., previously described.

78.47 The old cor. of Tps. 3 and 4 S., Rgs. 7 and 8 E., hereto-
fore described.

This cor. will now refer to T. 3 S., Rgs. 7 and 8 E. only.

Land, broken and rolling.
Soil, stony, 3rd rate.

March 29, 1911.

Resurvey of the North Boundary of T. 4 S., R. 7 E.

which is a part of the N. bdy. of the Gila River Indian Res'n

Chains

Surveyed by Guy P. Harrington, U. S. Surveyor.

March 29, 1911.

From the old cor. of Tps. 3 and 4 S., Rgs. 7 and 8 E.,
which now refers to T. 3 S. only, I run

West on a random line along the S. bdy. of sec. 36, T. 3
S., R. 7 E., on the reservation bdy.

39.84 Falls 3 lks. S. of the old $\frac{1}{4}$ sec. cor. bet. secs. 1 and
36, which is a sandstone 7x6x6 ins. above ground, mkd. $\frac{1}{4}$
on N face, and witnessed by a mound of stone to North.

79.42 Falls 10 lks. S. of the old cor. of secs. 1, 2, 35 and 36,
which is a wooden post 3 ins. sq. 1 ft. above ground,
with a stone mound built around post, from which the
old bearing trees - a palo verde 6 ins. dia. brs.
N. 83° E., 70 lks. dist.; a palo verde 6 ins. dia. brs.
N. 36 $\frac{1}{2}$ ° E., 88 lks. dist.; a palo verde 8 ins. dia.
brs. S. 57 $\frac{1}{2}$ ° W., 31 lks. dist.; and a palo fierro 6
ins. dia., brs. S. 55° E., 30 lks. dist. The scars
on the above trees are plainly visible, but the markings
are only partly legible.

Returning to the cor. of Tps. 3 S., Rgs. 7 and 8 E.,
thence I run

N. 89° 57' W. on a true line along the S. bdy. of sec. 36,
T. 3 S., R. 7 E., on the reservation bdy.

Over rolling, rocky land.

.25 Deep wash, course NE.

6.00 Prospect shaft, about 50 ft. deep, on line.

7.00 Deep wash, course N.

9.00 Deep wash, course NE.

24.00 Wash, course SW.
Begin ascent of broken NE. slope.

29.00 Side-hill wash, course SE.

39.40 Summit of ascent, brs. N. and S.
Thence descend SW. slope.

39.84 The old $\frac{1}{4}$ sec. cor. bet. secs. 1 and 36, heretofore des-
cribed.

This cor. now refers to sec. 36 only.

Thence N. 89° 54' W. on a true line along the S. bdy. of
sec. 36 ($W\frac{1}{2}$).

Descending steep SW. slope.

14.00 Foot of descent. Gulch course S. Thence ascend rugged E.
slope of spur.

~~18.00 Side-hill wash, course SW.~~

Resurvey of the North Boundary of T. 4 S., R. 7 E.

which is a part of the N. bdy. of the Gila River Indian Res'n

Chains

- 23.00 Top of spur, brs. N. and S.
Thence along S. slope.
- 30.00 Begin steep descent of SW. slope.
- 34.00 Foot of descent. Wash, course S. Thence ascend E. slope.
- 38.00 Top of spur, brs. N. and S.
- 39.58 The old cor. of secs. 1, 2, 35 and 36, heretofore described.

This cor. will now refer to secs. 35 and 36 only.

Land, broken and mountainous.
Soil, stony, 3rd rate.

West on a random line along the S. bdy. of sec. 35, T. 3 S., R. 7 E., on the reservation bdy.

- 40.09 Falls 6 lks. S. of the old $\frac{1}{4}$ sec. cor. bet. secs. 2 and 35, which is a decayed wooden post top, lying on a mound. I dig down and find decayed portion of post in ground, from which the old bearing trees - a palo verde 6 ins. dia. brs. N. 50° E., 19 lks. dist.; and a palo verde 6 ins. dia. brs. S. 13° E., 49 lks. dist. Both trees are plainly marked $\frac{1}{4}$ S.
Set a palo fierra post 6 ins. sq., 3 ft. long, 2 ft. in the ground, mkd. $\frac{1}{4}$ S 36 on N. face. This cor. will now refer to sec. 35 only.
- 80.13 Falls 1 lk. N. of the old cor. of secs. 2, 3, 34 and 35, which is a palo fierra post 4 ins. sq., 1 ft. above the ground, marks partly legible, - from which the old bearing tree, a palo verde 6 ins. dia. brs. S. 5° E., 58 lks. dist.; a palo verde 4 ins. dia. brs. N. $54\frac{1}{2}^{\circ}$ E., 45 lks. dist.; a palo fierra 4 ins. dia. brs. N. 24° W., 14 lks. dist.; and a palo fierra 4 ins. dia. brs. S. 24° W., 96 lks. dist. Markings on trees partly legible.

Returning to the old cor. of secs. 1, 2, 35 and 36, which now refers to secs. 35 and 36 only, thence I run

N. $89^{\circ} 55'$ W. on a true line along the S. bdy. of sec. 35, T. 3 S., R. 7 E., on the reservation bdy.

Over broken, mountainous land, through scattered brush.

- 5.50 Wash, course SW.
- 8.00 Wash, course SW.
- 12.00 Wash, course SW.
- 36.00 Wash, course SW. Road in wash brs. NE. and SW.
- 39.80 Wash, course SW.
- 40.09 The old $\frac{1}{4}$ sec. cor. 2 and 35, heretofore described.
This $\frac{1}{4}$ sec. cor. will now refer to sec. 35 only.

~~Thence S. $89^{\circ} 54'$ W. on a true line along the S. bdy. of sec. 35 ($W\frac{1}{2}$).~~

Resurvey of the North Boundary of T. 4 S., R. 7 E.

which is a part of the N. bdy. of the Gila River Indian Res'n.

Chains

- 2.00 Wash, course S.
- 7.50 Road, brs. N. and S.
- 12.00 Wash, course S. 60° W.
- 17.00 Deep wash, course S.
- 22.00 Wash, course S.
- 30.00 Wash, course S.
- 36.00 Wash, course S.
- 40.04 The old cor. of secs. 2, 3, 34 and 35, heretofore described, which will now refer to secs. 34 and 35 only.

Land, mountainous.
Soil, stony, 3rd rate.
Scattered palo verde and palo fierro brush.

West on a random line along the S. bdy. of sec. 34, T. 3 S., R. 7 E., on the reservation bdy.

- 39.77 Falls 10 lks. N. of point for the old $\frac{1}{4}$ sec. cor. bet. secs. 3 and 34, which I establish from the old bearing trees. From this point, the old bearing trees, - a palo fierro 8 ins. dia., brs. S. 9° E., 24 lks. dist.; and a palo fierro 10 ins. dia. brs. S. 69 $\frac{1}{2}$ ° W., 62 lks. dist. Both trees are marked $\frac{1}{4}$ S.
Set a palo fierro post 4 ins. sq., 3 ft. long, 2 ft. in the ground, for the $\frac{1}{4}$ sec. cor. of sec. 34, mkd. $\frac{1}{4}$ S 34 on N. face.

- 80.08 Falls 8 lks. N. of the old cor. of secs. 3, 4, 33 and 34 which is a palo fierro post 3 ins. sq., 1 ft. above ground, - marks only partly legible, - from which the old bearing trees, a palo verde 6 ins. dia. brs. N. 45° W., 98 lks. dist.; a palo verde 6 ins. dia. brs. S. 52 $\frac{1}{2}$ ° W., 106 lks. dist.; a palo fierro 4 ins. dia. brs. S. 9 $\frac{1}{2}$ ° E., 121 lks. dist.; and a palo fierro 4 ins. dia., brs. N. 85° E., 50 lks. dist. All markings legible on these trees.

Returning to the old cor. of secs. 2, 3, 34 and 35, which now refers to secs. 34 and 35 only, thence I run

S. 89° 51' W. on a true line along the S. bdy. of sec. 34, T. 3 S., R. 7 E., on the reservation bdy.

Over broken, mountainous land.

- 3.00 Wash, course S. 60° W.
- 5.00 Deep wash, course S.
- 10.00 Wash, course S.
- 16.00 Wash, course S.
- 18.00 Wash, course S.
- 22.50 Wash, course S.

Resurvey of the North Boundary of T. 4 S., R. 7 E.

which is a part of the N. bdy. of the Gila River Indian Res'n.

Chains

28.50 Wash, course S.

32.00 Wash, course S.

37.00 Wash, course S.

39.77 The old $\frac{1}{4}$ sec. cor. bet. secs. 3 and 34, heretofore described.

This $\frac{1}{4}$ sec. cor. will now refer to sec. 34 only.

Thence N. $89^{\circ} 58'$ W. on a true line along the S. bdy. of sec. 34 ($\frac{1}{4}$), on the reservation bdy.

4.00 Wash, course S.

6.00 Wash, course S.

10.00 Wash, course S.

15.00 Wash, course S.

18.00 Wash, course S.

27.00 Road, brs. NW. and SE.

33.50 Wash, course S.

34.50 Road, brs. N. and S.

38.50 Wash, course S.

40.31 The old cor. of secs. 3, 4, 33 and 34, heretofore described.

This cor. will now refer to secs. 33 and 34 only.

Land, broken and mountainous.
Soil, gravelly, 3rd rate.

West on a random line along the S. bdy. of sec. 33, T. 3 S., R. 7 E., on the reservation bdy.

40.06 Falls 17 lks. N. of point for the old $\frac{1}{4}$ sec. cor. bet. secs. 4 and 33, which I establish from the old bearing trees. From this point, the old bearing trees - a palo fierro 8 ins. dia. brs. N. 45° W., 32 lks. dist. $\frac{1}{4}$ and a palo verde 6 ins. dia. brs. S. 41° E., 40 lks. dist. Both trees are plainly marked $\frac{1}{4}$ S. Set a palo fierro post 3 ft. long, 6 ins. sq., 2 ft. in the ground, mkd. $\frac{1}{4}$ S 33 on N. face, for the $\frac{1}{4}$ sec. cor. of sec. 33.

80.11 Falls 27 lks. N. of the old cor. of secs. 4, 32 and 33, which is a granite stone 6x6x8 ins. above ground, marked with 4 notches on E. and 2 on W. face, and witnessed by a mound of stone W., from which the old bearing trees - a palo verde 6 ins. dia. brs. S. 80° E. 91 lks. dist.

Returning to the old cor. of secs. 3, 4, 33 and 34, which now refers to secs. 33 and 34 only, thence I run

Resurvey of the North Boundary of T. 4 S., R. 7 E.

which is a part of the N. bdy. of the Gila River Indian Res'n

Chains

S. $89^{\circ} 45'$ W. on a true line along the S. bdy. of sec. 33,
T. 3 S., R. 7 E., on the reservation bdy.

Over broken, mountainous land.

4.00 Wash, course S.

12.00 Wash, course S.

17.00 Wash, course SE.

32.00 Wash, course SE.

38.00 Wash, course SE.

40.06 The $\frac{1}{4}$ sec. cor. for sec. 33, as established by me, at
point for the old $\frac{1}{4}$ sec. cor. bet. secs. 4 and 33.

Thence I run

S. $89^{\circ} 51'$ W. on a true line along the S. bdy. of sec. 33,
(W $\frac{1}{2}$), along the reservation bdy.

2.00 Road, brs. N. and S.

4.00 Large wash, course S.

14.50 Large wash, course S.

16.00 Large wash, course SE.

26.00 Large wash, course N. 70° E.
Thence ascend gentle E. slope of ridge.

35.00 Begin steep ascent along N. slope of mountain.

40.05 The old cor. of secs. 4, 5, 32 and 33, which will now refer
to secs. 32 and 33 only.

Land, broken and mountainous.
Soil, stony, 3rd rate.

West on a random line along the S. bdy. of sec. 32, T. 3
S., R. 7 E., on the reservation bdy.

39.78 Falls 26 lks. N. of the old $\frac{1}{4}$ sec. cor. bet. secs. 5 and
32, which is a palo fierro post 4 ins. sq., 1 ft. above
ground, marks illegible, and witnessed by a mound of
stone to the North, from which the old bearing trees -
a palo verde 7 ins. dia. brs. N. $19\frac{1}{2}^{\circ}$ E., 105 lks. dist.
and a palo fierro 5 ins. dia. brs. S. $38\frac{1}{2}^{\circ}$ W., 117 lks.
dist. The original notes had these trees interchanged.
Markings visible on both trees.

79.94 Falls 7 lks. S. of the old cor. of secs. 5, 6, 31 and 32,
which is a granite stone, $8 \times 6 \times 4$ ins. above ground, marked
with 5 notches on E. and 1 notch on W. face and witness-
ed by a mound of stone. The old B.T.s, - a palo fierro
12 ins. dia. brs. S. $6\frac{1}{2}^{\circ}$ W., 73 lks. dist.; and a palo
verde 6 ins. dia. brs. S. 85° E., 27 lks. dist. Markings
on both trees legible.

Returning to the old cor. of secs. 4, 5, 32 and 33,
which will now refer to secs. 32 and 33 only, thence
I run

Resurvey of the North Boundary of T. 4 S., R. 7 E.

which is a part of the N. bdy. of the Gila River Indian Res'n.

Chains

S. $89^{\circ} 38'$ W. on a true line along the S. bdy. of sec. 32,
T. 3 S., R. 7 E., on the reservation bdy.

Overbroken mountainous land.

3.00 Gulch, course N. 60° E.
Begin ascent of SE. slope.

8.00 Summit of ascent of NE. slope.

10.00 Begin descent of W. slope.

12.50 Gulch, course N. Thence ascend E. slope.

16.50 Top of ascent on spur, brs. N. and S.
Thence descend.

22.00 Low spur, brs. N. and S.

26.00 Wash, course N.

28.00 Spur, brs. N. and S.

30.50 Wash, course N.

34.00 Wash, course N.

39.78 The old $\frac{1}{4}$ sec. cor. bet. secs. 5 and 32, which will now
refer to sec. 32 only, heretofore described.

Thence N. $89^{\circ} 32'$ W. on a true line along the S. bdy. of
sec. 32 ($W\frac{1}{2}$).

2.00 Large wash, course N.

26.00 Wash, course NW. Road in wash brs. NW. and S.

31.00 Wash, course SE. Road, brs. N. and S.
Begin steep ascent to broken ridge.

39.10 Summit of ridge, brs. N. and S.
Thence over rocky summit.

40.16 The old cor. of secs. 5, 6, 31 and 32, heretofore des-
cribed.

This cor. will now refer to secs. 31 and 32 only.

Land, broken and mountainous.
Soil, stony, 3rd rate.

West on a random line along the S. bdy. of sec. 31, T. 3
S., R. 7 E., on the reservation bdy.

39.72 Falls 12 lks. N. of the old $\frac{1}{4}$ sec. cor. bet. secs. 6 and
31, which is a palo verde post 2 ins. sq., 1 ft. above
ground, and witnessed by a mound of stone to N., from
which old B.T., - a palo fierro 12 ins. dia. brs. $S. 1^{\circ} E.$
73 lks. dist., instead of S. $6\frac{1}{4}^{\circ}$ W., 73 lks. dist. as
reported in original notes. I find no trace of the
other B.T. reported in original notes.

~~78.85 Falls 20 lks. N. of the old cor. of Tps. 3 and 4 S., Rgs.~~

Resurvey of the North Boundary of T. 4 S., R. 7 E.

which is a part of the N. bdy. of the Gila River Indian Res'n.

Chains

6 and 7 E., which is a granite stone 12x10x6 ins. above ground, and witnessed by three bearing trees. This cor. can no longer refer to any township as a corner. I destroy the old cor. and cut the markings from the old bearing trees.

107.76 Intersect the range line bet. Rgs. 6 and 7 E., T. 3 S., 2.40 chs. N. of the cor. of Tps. 3 and 4 S., Rgs. 6 and 7 E.

Returning to the old cor. of secs. 5, 6, 31 and 32, which now refers to secs. 31 and 32 only, thence I run

S. 89° 50' W. on a true line along the S. bdy. of sec. 31, along the reservation bdy.

Over broken, mountainous land.

14.00 Begin steep descent of rocky W. slope.

17.00 Head of gulch, course SW.
Begin ascent of ridge.

22.50 Summit of ridge, brs. N. 70° E. and S. 70° W.
Thence descend.

32.00 Foot of descent; enter nearly level valley.

35.00 Road, brs. NE. and SW.

37.10 Wash, course SW.

39.72 The old $\frac{1}{4}$ sec. cor. bet $\frac{1}{2}$ secs. 6 and 31, heretofore described.

This cor. now refers to sec. 31 only.

Thence West on a true line along the S. bdy. of sec. 31, ($W\frac{1}{2}$), along the reservation bdy.

5.50 Wash, course SW.

24.00 Wash, course S. 70° W.

31.00 Wash, course SW.

36.00 Wash, course SW.

53.00 Wash, course SW.

68.04 Intersect the range line bet. Rgs. 6 and 7 E., T. 3 S., 2.25 chs. N. of the cor. of Tps. 3 and 4 S., Rgs. 6 and 7 E. I change the markings on this cor. so as to refer to Tps. 3 and 4 S., R. 6 E.

Set an iron post 3 ft. long, 3 ins. dia., 26 ins. in the ground, for cor. of Tps. 3 and 4 S., R. 7 E., with cap stamped

T. 3 S., S 31 in NE.
T 4 S R 7 E S 6 in SE.
G R I R in SW.
1911 in S.
6 notches on N., E. and S. edges

193
See resurvey of this line as S. bdy. of T. 3 S., R. 7 E.
by John F. Hesse, u.S. Surveyor
Under Group 57.

BOOK 2873

Resurvey of the North Boundary of T. 4 S., R. 7 E.

which is a part of the N. bdy. of the Gila River Indian Res'n.

Chains

~~Build a mound of stone 6 ft. base, 4 ft. high, E. of
post.~~

~~This point now becomes an angle point on the reservation
boundary instead of the cor. of Tps. 3 and 4 S., R. 6 E.~~

~~March 29, 1911.~~

Resurvey of

West boundary of T. 3 S., R. 4 E.

Chains

Surveyed by R. A. Farmer, Topographer, with a Young & Sons light mountain transit, No. 8248, with solar attachment.

The iron posts used in this survey, unless otherwise described, are 3 ft. long, 1 inch in diameter, and are set 26 ins. in the ground; each post being fitted with a brass cap.

March 25, 1911. At 8h 0m a.m., l.m.t., I set off 33° 12' on the lat. arc, 1° 34' N. on the decl. arc, and determine a meridian with the solar, at the cor. of Tps. 2 and 3 S., Rgs. 3 and 4 E., previously established and described by Mr. Guy P. Harrington, U. S. Surveyor.

Thence I run

South bet. secs. 1 and 6.

Over level land, through low sage brush.

20.00 Set an iron post for 1/16 sec. cor. No. 6, bet. secs. 1 and 6 (N $\frac{1}{2}$), with cap stamped

1/16 S 1 in W. half
S 6 in E. half
No 6 in N.
1911 in S.

Dig pits 18x18x12 ins. N. and S. of post 3 ft. dist.; and raise a mound of earth 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor.

25.00 Road, brs. NE. and SW.

33.30 Telegraph line, brs. N. 15 $\frac{1}{2}$ ° E. and S. 15 $\frac{1}{2}$ ° W.

35.00 Middle of Arizona Eastern railroad track, brs. N. 15 $\frac{1}{2}$ ° E. and S. 15 $\frac{1}{2}$ ° W.

40.00 Set an iron post for $\frac{1}{4}$ sec. cor. bet. secs. 1 and 6, with cap stamped

$\frac{1}{4}$ S 1 in W. half
S 6 in E. half
1911 in S.

Dig pits 18x18x12 ins. N. and S. of post 3 ft. dist.; and raise a mound of earth 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor.

Diligent search was made for the old $\frac{1}{4}$ sec. cor. but no trace of same found.

60.00 Set an iron post for 1/16 sec. cor. No. 12, bet. secs. 1 and 6 (S $\frac{1}{2}$), with cap stamped

1/16 S 1 in W. half
S 6 in E. half
No 12 in N.
1911 in S.

Dig pits 18x18x12 ins. N. and S. of post 3 ft. dist.; and raise a mound of earth 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor.

Resurvey of

West boundary of T. 3 S., R. 4 E.

Chains

80.00 Set an iron post for the cor. of secs. 1, 6, 7 and 12, with cap stamped

T 3 S S 6 in NE. quadrant
R 4 E S 7 in SE. "
S 12 in SW. "
R 3 E S 1 in NW. "
1911 in S.
5 notches on S. and 1 notch on N. edge

Dig pits 18x18x12 ins. in each sec. 5 1/2 ft. dist.; and raise a mound of earth 4 ft. base, 2 ft. high, W. of cor.

Diligent search was made for the old cor. but no trace of same found.

Land, flat.
Soil, 2nd rate.
Brush, low sage.

South bet. secs. 7 and 12.

Over level land, through brush (low sage).

7.80 Road, brs. NE. and SW.

20.00 Set an iron post for the 1/16 sec. cor. No. 6, bet. secs. 7 and 12 (N 1/2), with cap stamped

1/16 S 12 in W. half
S 7 in E. half
No 6 in N.
1911 in S.

Dig pits 18x18x12 ins. N. and S. of post 3 ft. dist.; and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high, W. of cor.

35.00 Road, brs. NE. and SW.

40.00 Set an iron post for the 1/4 sec. cor. bet. secs. 7 and 12, with cap stamped

1/4 S 12 in W. half
S 7 in E. half
1911 in S.

Dig pits 18x18x12 ins. N. and S. of post 3 ft. dist.; and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high, W. of cor.

Diligent search was made for the old 1/4 sec. cor. but no trace of same found.

44.20 Road, brs. E. and W.

44.80 Road, brs. NE. and SW.

50.00 Descend 10 ft. bank, brs. E. and W.
Enter river bottom.

52.50 Road, brs. NW. and SE.

60.00 Set an iron post for 1/16 sec. cor. No. 12, bet. secs. 7 and 12 (S 1/2), with cap stamped

Resurvey of
West Boundary of T. 3 S., R. 4 E.

Chains

1/16 S 12 in W. half
S 7 in E. half
No 12 in N.
1911 in S.

Dig pits 18x18x12 ins. N. and S. of post 3 ft. dist.;
and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high,
W. of cor.

69.35 Ditch, 15 lks. wide, course W.

79.40 At a point 12 lks. West I find an old stake, - possibly
an old corner. The marks are nearly obliterated.
I destroy this stake, as it is not in position for cor.

80.00 Set an iron post for the cor. of secs. 7, 12, 13 and 18,
with cap stamped

T 3 S S 7 in NE. quadrant
R 4 E S 18 in SE. "
S 13 in SW. "
R 3 E S 12 in NW. "
1911 in S.
2 notches on N. and 4 notches on S. edge.

Dig pits 18x18x12 ins. in each sec. 5 1/2 ft. dist.; and
raise a mound of earth 4 ft. base, 2 ft. high, W. of
cor.

Diligent search was made for other traces (than the above
stake) of this cor., but none were found.

Land, level.
Soil, 2nd rate.
Brush, sage.

March 25, 1911. Cloudy at Noon today; no observation
for lat.

South bet. secs. 13 and 18.

Over level, river bottom, through mesquite and sage brush.

13.75 Road, brs. N. 10° E. and S. 10° W.
Leave mesquite and sage brush on N. side of road, and
enter dense arrowweed on S. side of road.

20.00 Set an iron post for 1/16 sec. cor. No. 6, bet. secs. 13
and 18, (N 1/2), with cap stamped

1/16 S 13 in W. half
S 18 in E. half
No 6 in N.
1911 in S.

Dig pits 18x18x12 ins. N. and S. of post 3 ft. dist.;
and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high,
W. of cor.

27.50 Right bank of Gila River.
Set an iron post for M.C. of frac. secs. 13 and 18, with
cap stamped

Resurvey of
West Boundary of T. 3 S., R. 4 E.

Chains	
	<p style="text-align: center;">M C 1911 in S. T 3 S R 4 E S 18 in NE. R 3 E S 13 in NW. 6 notches on E. and W. edges</p> <p style="text-align: center;">Dig a pit 36x36x12 ins. 8 ft. N. of post and raise a mound of earth 4 ft. base, 2 ft. high, N. of cor.</p>
40.00	Point for $\frac{1}{4}$ sec. cor. bet. secs. 13 and 18 falls in Gila River.
40.60	Middle of channel of Gila River, course N. 85° W. (5.00 chs. wide, - 1 to 2 ft. deep).
60.00	Point for $\frac{1}{16}$ sec. cor. No. 12, bet. secs. 13 and 18 ($8\frac{1}{2}$) falls in Gila River.
80.00	Point for cor. of secs. 13, 18, 19 and 24, falls in Gila River.
	<p>Land, level river bottom. Soil, sandy, 2nd rate. Brush, mesquite, sage and arrowweed. River channel and river bed, 52.50 chs.</p> <p>-----</p>
	<p>South bet. secs. 19 and 24. Over river bed.</p>
13.10	<p>Left bank of Gila River, course N. 70° W.; bank 8 ft. high. Set an iron post for M.C. of frac. secs. 19 and 24, with cap stamped</p> <p style="text-align: center;">M C in N. T 3 S R 3 E S 24 in SW. R 4 E S 19 in SE. 1911 in S. 6 notches on E. and W. edges</p> <p style="text-align: center;">Dig a pit 36x36x12 ins. 8 ft. S. of post; and raise a mound of earth 4 ft. base, 2 ft. high, S. of cor.</p> <p>Thence over level land, through sage brush.</p>
20.00	<p>Set an iron post for $\frac{1}{16}$ sec. cor. No. 6, bet. secs. 19 and 24 ($N\frac{1}{2}$), with cap stamped</p> <p style="text-align: center;">$\frac{1}{16}$ S 24 in W. half S 19 in E. half No 6 in N. 1911 in S.</p> <p style="text-align: center;">Dig pits 18x18x12 ins. N. and S. of post 3 ft. dist.; and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, W. of cor.</p>
21.80	Abandoned ditch, 8 lks. wide, course W.
34.60	Ditch, 8 lks. wide, course W.
40.00	<p>Set an iron post for $\frac{1}{4}$ sec. cor. bet. secs. 19 and 24, with cap stamped</p> <p style="text-align: center;">$\frac{1}{4}$ S 24 in W. half S 19 in E. half 1911 in S.</p>

Resurvey of

West Boundary of T. 3 S., R. 4 E.

Chains

Dig pits 18x18x12 ins. N. and S. of post 3 ft. dist.; and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high, W. of cor.

Diligent search was made for the old 1/4 sec. cor. but no trace of same found.

44.50 Road, brs. E. and W.

60.00 Set an iron post for 1/16 sec. cor. No. 12, bet. secs. 19 and 24 (S 1/2), with cap stamped

1/16 S 24 in W. half
S 19 in E. half
No 12 in N.
1911 in S.

Dig pits 18x18x12 ins. N. and S. of post 3 ft. dist.; and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high, W. of cor.

65.25 Road, brs. NW. and SE.

68.00 Adobe hut, brs. West, 4.00 chs. dist.

78.00 Adobe hut, brs. E., 4.00 chs. dist.

80.00 Set an iron post for the cor. of secs. 19, 24, 25 and 30, with cap stamped

T 3 S S 19 in NE. quadrant
R 4 E S 30 in SE. "
S 25 in SW. "
R 3 E S 24 in NW. "
1911 in S.

2 notches on S. and 4 notches on N. edge

Dig pits 18x18x12 ins. in each sec. 5 1/2 ft. dist.; and raise a mound of earth 4 ft. base, 2 ft. high, W. of cor.

Diligent search was made for the old cor., but no trace of same found.

Land, level.
Soil, sandy, 2nd rate.
Brush, sage and mesquite.

South bet. secs. 25 and 30.

Over level land, through brush.

6.90 Road, brs. NE. and SW.

20.00 Set an iron post for 1/16 sec. cor. No. 6, bet. secs. 25 and 30, (N 1/2), with cap stamped

1/16 S 25 in W. half
S 30 in E. half
No 6 in N.
1911 in S.

Dig pits 18x18x12 ins. N. and S. of post 3 ft. dist.; and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high, W. of cor.

40.00 Set an iron post for 1/4 sec. cor. bet. secs. 25 and 30, with cap stamped

Resurvey of

West Boundary of T. 3 S., R. 4 E.

Chains

1/4 S 25 in W. half
S 30 in E. half
1911 in S.

Dig pits 18x18x12 ins. N. and S. of post 3 ft. dist.;
and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high,
W. of cor.

Diligent search was made for the old 1/4 sec. cor. but no
trace of same found.

54.60 Road, brs. E. and W.

60.00 Set an iron post for 1/16 sec. cor. No. 12, bet. secs. 25
and 30 (S 1/2), with cap stamped

1/16 S 25 in W. half
S 30 in E. half
No 12 in N.
1911 in S.

Dig pits 18x18x12 ins. N. and S. of post 3 ft. dist.;
and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high,
W. of cor.

80.00 Set an iron post for the cor. of secs. 25, 30, 31 and 36,
with cap stamped

T 3 S S 30 in NE. quadrant
R 4 E S 31 in SE. "
S 36 in SW. "
R 3 E S 25 in NW. "
1911 in S.

5 notches on N. and 1 notch on S. edge

Dig pits 18x18x12 ins. in each sec. 5 1/2 ft. dist.; and
raise a mound of earth 4 ft. base, 2 ft. high, W. of
cor.

Diligent search was made for the old cor., but no trace
of same found.

Land, level.
Soil, sandy, 2nd rate.
Brush, mesquite and sage.

South bet. secs. 31 and 36.

Over level land, through brush.

20.00 Set an iron post for the 1/16 sec. cor. No. 6, bet. secs.
31 and 36 (N 1/2), with cap stamped

1/16 S 36 in W. half
S 31 in E. half
No 6 in N.
1911 in S.

Dig pits 18x18x12 ins. N. and S. of post 3 ft. dist.;
and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high,
W. of cor.

40.00 Set an iron post for 1/4 sec. cor. bet. secs. 31 and 36,
with cap stamped

1/4 S 36 in W. half
S 31 in E. half
1911 in S.

Resurvey of

West Boundary of T. 3 S., R. 4 E.

Chains

Dig pits 18x18x12 ins. N. and S. of post 3 ft. dist.; and raise a mound of earth 3½ ft. base, 1½ ft. high, W. of cor.

Diligent search was made for the old ¼ sec. cor., but no trace of same found.

60.00 Set an iron post for 1/16 sec. cor. No. 12, bet. secs. 31 and 36 (S½), with cap stamped

1/16 S 36 in W. half
 S 31 in E. half
 No 12 in N.
 1911 in S.

Dig pits 18x18x12 ins. N. and S. of post 3 ft. dist.; and raise a mound of earth 3½ ft. base, 1½ ft. high, W. of cor.

80.00 Set an iron post 3 ft. long, 3 ins. dia., 26 ins. in the ground, for the cor. of Tps. 3 and 4 S., Rgs. 3 and 4 E., with cap stamped

T 3 S S 31 in NE. quadrant
 R 4 E S 6 in SE. "
 T 4 S S 1 in SW. "
 R 3 E S 36 in NW. "
 1911 in S.
 6 notches on N., E., S. and W. edges

Dig pits 24x24x12 ins., on each line, N., E., and W., 4 ft., and S. of post 8 ft. dist.; and raise a mound of earth 5 ft. base, 2½ ft. high, S. of cor.

Diligent search was made for the old Tp. cor., but no trace of same found.

Land, level.
 Soil, sandy, 2nd rate.
 Brush, mesquite and sage.

March 25, 1911.

Resurvey of

North Boundary of T. 4 S., R. 4 E.

Chains

Surveyed by R. A. Farmer, Topographer,

The iron posts used in this survey, unless otherwise described, are 3 ft. long, 1 inch in diameter, and are set 26 ins. in the ground,

March 27, 1911. At 8 a.m., l.m.t., I set off 33° 07' on the lat. arc, 2° 21' N. on the decl. arc, and determine a meridian with the solar, at the cor. of Tps. 3 and 4 S., Rgs. 3 and 4 E., previously described.

Thence I run

East on a random line bet. Tps. 3 and 4 S., R. 4 E., setting temp. $\frac{1}{4}$ and sec. cors. at intervals of 40.00 chs., and at

478.58 Falls 126 lks. S. of the cor. of Tps. 3 and 4 S., Rgs. 4 and 5 E., previously described.

This falling answers to a correction of 0° 09' or 21 lks. north per mile.

Thence I run

S. 89° 51' W. on a true line bet. secs. 1 and 36.

Over level land, through low sage brush, and scattered mesquite brush.

20.00 Set an iron post for the 1/16 sec. cor. No. 1, bet. secs. 1 and 36 ($E\frac{1}{2}$), with cap stamped

1/16 S 36 No 1 in N. half
S 1 1911 in S. half

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise a mound of earth 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, N. of cor.

33.00 Road, brs. N. and S.

40.00 Set an iron post for $\frac{1}{4}$ sec. cor. bet. secs. 1 and 36, with cap stamped

$\frac{1}{4}$ S 36 in N. half
S 1 1911 in S. half

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise a mound of earth 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, N. of cor.

53.00 Road, brs. NE. and SW.

60.00 Set an iron post for 1/16 sec. cor. No. 2, bet. secs. 1 and 36 ($W\frac{1}{2}$), with cap stamped

1/16 S 36 No 2 in N. half
S 1 1911 in S. half

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise a mound of earth 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, N. of cor.

Resurvey of

North Boundary of T. 4 S., R. 4 E.

Chains

- 73.50 Road, brs. N. 60° W. and S. 60° E.
- 80.00 Set an iron post for the cor. of secs. 1, 2, 35 and 36, with cap stamped
- T 3 S S 36 on NE. quadrant
R 4 E S 1 in SE. "
T 4 S S 2 in SW. "
S 35 in NW. "
1911 in S.
1 notch on E. and 5 notches on W. edge
- Dig pits 18x18x12 ins. in each sec. 5½ ft. dist.; and raise a mound of earth 4 ft. base, 2 ft. high, W. of cor.
- Land, level.
Soil, 2nd rate.
Brush, low sage and mesquite.
-
- S. 89° 51' W. on a true line bet. secs. 2 and 35.
- Over level land, through low sage brush.
- 20.00 Set an iron post for 1/16 sec. cor. No. 1, bet. secs. 2 and 35 (E½), with cap stamped
- 1/16 S 35 No 1 in N. half
S 2 1911 in S. half
- Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise a mound of earth 3½ ft. base, 1½ ft. high, N. of cor.
- 40.00 Set an iron post for ¼ sec. cor. bet. secs. 2 and 35, with cap stamped
- ¼ S 35 in N. half
S 2 1911 in S. half
- Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise a mound of earth 3½ ft. base, 1½ ft. high, N. of cor.
- 60.00 Set an iron post for 1/16 sec. cor. No. 2, bet. secs. 2 and 35 (W½), with cap stamped
- 1/16 S 35 No 2 in N. half
S 2 1911 in S. half
- Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise a mound of earth 3½ ft. base, 1½ ft. high, N. of cor.
- 63.00 Road, brs. N. 80° E. and S. 80° W.
- 73.00 Road, brs. NE. and SW.
- 80.00 Set an iron post for the cor. of secs. 2, 3, 34 and 35, with cap stamped
- T 3 S S 35 in NE. quadrant
R 4 E S 2 in SE. "
T 4 S S 3 in SW. "
S 34 in NW. "
1911 in S.
2 notches on E. and 4 notches on W. edge

Resurvey of

North Boundary of T. 4 S., R. 4 E.

Chains

Dig pits 18x18x12 ins. in each sec. 5 1/2 ft. dist.; and raise a mound of earth 4 ft. base, 2 ft. high, W. of cor.

Land, flat.
Soil, 2nd rate.
Brush, low sage.

S. 89° 51' W. on a true line bet. secs. 3 and 34.

Over level land, through brush.

20.00 Set an iron post for 1/16 sec. cor. No. 1, bet. secs. 3 and 34 (E 1/2), with cap stamped

1/16 S 34 No 1 in N. half
S 3 1911 in S. half

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high, N. of cor.

40.00 Set an iron post for 1/4 sec. cor. bet. secs. 3 and 34, with cap stamped

1/4 S 34 in N. half
S 3 1911 in S. half

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high, N. of cor.

57.00 Road, brs. N. 80° E. and S. 80° W.

60.00 Set an iron post for 1/16 sec. cor. No. 2, bet. secs. 3 and 34 (W 1/2), with cap stamped

1/16 S 34 No 2 in N. half
S 3 1911 in S. half

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high, N. of cor.

80.00 Set an iron post for the cor. of secs. 3, 4, 33 and 34, with cap stamped

T 3 S S 34 in NE. quadrant
R 4 E S 3 in SE. "
T 4 S S 4 in SW. "
S 33 in NW. "
1911 in S.
3 notches on E. and W. edges

Dig pits 18x18x12 ins. in each sec. 5 1/2 ft. dist.; and raise a mound of earth 4 ft. base, 2 ft. high, W. of cor.

Land, level.
Soil, 2nd rate.
Brush, low sage and mesquite.

S. 89° 51' W. on a true line bet. secs. 4 and 33.

Over level land, through low sage brush.

Resurvey of

North Boundary of T. 4 S., R. 4 E.

Chains

20.00 Set an iron post for 1/16 sec. cor. No. 1, bet. secs. 4 and 33 ($E\frac{1}{2}$), with cap stamped

1/16 S 33 No 1 in N. half
S 4 1911 in S. half

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, N. of cor.

40.00 Set an iron post for the $\frac{1}{4}$ sec. cor. bet. secs. 4 and 33, with cap stamped

$\frac{1}{4}$ S 33 in N. half
S 4 1911 in S. half

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, N. of cor.

60.00 Set an iron post for 1/16 sec. cor. No. 2, bet. secs. 4 and 33 ($W\frac{1}{2}$), with cap stamped

1/16 S 33 No 2 in N. half
S 4 1911 in S. half

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, N. of cor.

80.00 Set an iron post for the cor. of secs. 4, 5, 32 and 33, with cap stamped

T 3 S S 33 in NE. quadrant
R 4 E S 4 in SE. "
T 4 S S 5 in SW. "
S 32 in NW. "
1911 in S.

4 notches on E. and 2 notches on W. edges

Dig pits 18x18x12 ins. in each sec. $5\frac{1}{2}$ ft. dist.; and raise a mound of earth 4 ft. base, 2 ft. high, W. of cor.

Land, level.

Soil, 2nd rate.

Brush, low sage and mesquite.

S. 89° 51' W. on a true line bet. secs. 5 and 32.

Over level land, through low sage and mesquite brush.

20.00 Set an iron post for 1/16 sec. cor. No. 1, bet. secs. 5 and 32 ($E\frac{1}{2}$), with cap stamped

1/16 S 32 No 1 in N. half
S 5 1911 in S. half

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, N. of cor.

40.00 Set an iron post for the $\frac{1}{4}$ sec. cor. bet. secs. 5 and 32, with cap stamped

$\frac{1}{4}$ S 32 in N. half
S 5 1911 in S. half

Resurvey of

North Boundary of T. 4 S., R. 4 E.

Chains

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high, N. of cor.

60.00 Set an iron post for 1/16 sec. cor. No. 2, bet. secs. 5 and 32 (W 1/2), with cap stamped

1/16 S 32 No 2 in N. half
S 5 1911 in S. half

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high, N. of cor.

80.00 Set an iron post for the cor. of secs. 5, 6, 31 and 32, with cap stamped

T 3 S S 32 in NE. quadrant
R 4 E S 5 in SE. "
T 4 S S 6 in SW. "
S 31 in NW. "
1911 in S.
5 notches on E. and 1 notch on W. edge

Dig pits 18x18x12 ins. in each sec. 5 1/2 ft. dist.; and raise a mound of earth 4 ft. base, 2 ft. high, W. of cor.

Land, level.
Soil, 2nd rate.
Brush, mesquite and low sage.

S. 89° 51' W. on a true line bet. secs. 6 and 31.

Over level land, through low mesquite and sage brush

20.00 Set an iron post for 1/16 sec. cor. No. 1, bet. secs. 6 and 31 (E 1/2), with cap stamped

1/16 S 31 No 1 in N. half
S 6 1911 in S. half

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high, N. of cor.

36.38 Road, brs. NE. and SW.

40.00 Set an iron post for 1/4 sec. cor. bet. secs. 6 and 31, with cap stamped

1/4 S 31 in N. half
S 6 1911 in S. half

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high, N. of cor.

47.15 Road, brs. NE. and SW.

60.00 Set an iron post for 1/16 sec. cor. No. 2, bet. secs. 6 and 31 (W 1/2), with cap stamped

1/16 S 31 No 2 in N. half
S 6 1911 in S. half

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high,

Resurvey of

North Boundary of T. 4 S., R. 4 E.

Chains

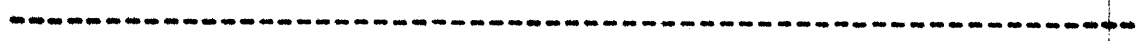
N. of cor.

78.58 The cor. of Tps. 3 and 4 S., Rgs. 3 and 4 E., previously described.

Land, level.
Soil, 2nd rate.
Brush, mesquite and sage (low).

March 27, 1911. At this cor., I set off 2° 24' N. on the decl. arc, and at 12h 05m 44s p.m., l.m.t., observe the sun on the meridian; the resulting lat. is 33° 07', which is within one minute of the proper lat.

March 27, 1911.



South Boundary of the Gila River Indian Reservation
through T. 4 S., R. 4 E.

Chains

Surveyed by R. A. Farmer, Topographer.

The iron posts used in this survey, unless otherwise described, are 3 ft. long, 1 inch in diameter, and are set 26 ins. in the ground.

To establish the south boundary of the Gila River Indian Reservation in T. 4 S., R. 4 E., I proceed to the NE. cor. of sec. ~~13~~ 13, T. 4 S., Rgs. 4 and 5 E., as reestablished by Mr. G. P. Harrington, U. S. Surveyor.

March 25, 1911. At 8.00 a.m., l.m.t., I set off 33° 05' on the lat. arc, 1° 33' N. on the decl. arc, and determine a meridian with the solar at the NE. cor. of sec. ~~13~~ 13, T. 4 S., Rgs. 4 and 5 E.

Thence I run

West on a random line along the S. bdy. of the reservation in T. 4 S., R. 4 E., making diligent search at each 40.00 and 80.00 chs. for traces of the old cors. or witnesses to same.

*

320.61 Falls 176 lks. S. of point for cor. of secs. 8, 9, 16 and 17, ~~xx~~ reestablished as follows:

*
for restoration
of orig. cor.
secs. 9, 10, 15
116, see pg. 22
Book 2873, pp. 98.

I find a mesquite tree 10 ins. dia., mkd. T IV S R IV E. Any other marks that may have been on the tree do not show at present. From this tree I measure N. 41½° E. 65 lks. dist. At this point, I dig about 12 inches below the surface of the ground and find charcoal. From this point a mesquite stump bears S. 65° W., 65 lks. dist., which agrees with the original notes for B.T. I find no trace of the mesquite 8 ins. dia., bearing N. 2¼° E., 65 lks. dist.

At the point where I find the charcoal, I set an iron post for the cor. of secs. 16 and 17, T. 4 S., R. 4 E., on S. bdy. of Gila River Indian Reservation, with cap stamped

G R I R in N.
T 4 N S 17 in SW.
R 4 E S 16 in SE.
1911 in S.
4 notches on E. and 2 on W. edges,

from which

(Original B.T.)

A mesquite 10 ins. dia. brs. S. 41½° W., 65 lks. dist.
Remarked T 4 S R 4 E S 17 G R I R B T.

Dig pits 24x24x12 ins. in each sec. 6 ft. dist.; and raise a mound of earth 4 ft. base, 2 ft. high, S. of cor.

Thence

N. 89° 00' W. on a random line along the S. bdy. of the reservation, making diligent search for traces of the old cors. or of the witnesses to same.

159.16 Falls 162 lks. N. of a mesquite post 4 ins. sq., very much

Resurvey of
South Boundary of the Gila River Indian Reservation
through T. 4 S., R. 4 E.

Chains

decayed, especially above the ground. No trace of any marking (excepting that it has been squared with an axe). I also find slight indications of the original pits. After diligent search I find no trace of charcoal, however, the old notes do not call for charcoal at this point. Being satisfied, from what I find, that this is the point of the original cor, I set an iron post for ~~xxxxx~~ the cor. of secs. 13 and 18, T. 4 S., Rgs. 3 and 4 E., with cap stamped

G R I R in N.
T 4 S R 4 E S 18 in SE.
R 3 E S 13 in SW.
1911 in S.
6 notches on E. and W. edges

Dig pits 30x24x12 ins. in each sec. 6 ft. dist.; and raise a mound earth 5 ft. base, 2 1/2 ft. high, S. of cor.

March 25, 1911.

April 5, 1911.

From the cor. of secs. 7 and 12, T. 4 S., Rgs. 3 and 4 E., which is 2.20 chs. S. 89° 35' E. from the above described corner, which refers to secs. 13 and 18 only, I run

S. 89° 35' E. on a true line along the S. bdy. of sec. 7, which is also the S. bdy. of the reservation.

Over level land.

19.00 Set an iron post for 1/16 sec. cor. No. 2, on the S. bdy. of sec. 7 (W 1/2), with cap stamped

1/16 S 7 No 2 G R I R in N.
1911 in S.

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high, N. of cor.

25.00 Santa Cruz Wash, 4 ft. deep, 200 lks. wide, course NW.

39.00 Set an iron post for 1/4 sec. cor. on the S. bdy. of sec. 7, with cap stamped

1/4 S 7 G R I R in N.
1911 in S.

Dig pits 18x18x12 ins. N. and W. of post 3 ft. dist.; and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high, N. of cor.

59.00 Set an iron post for 1/16 sec. cor. No. 1, on the S. bdy. of sec. 7 (E 1/2), with cap stamped

1/16 S 7 No 1 G R I R in N.
1911 in S.

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high, N. of cor.

79.00 The cor. of secs. 7, and 8, previously described in the notes of subdivision of T. 4 S., R. 4 E.

Land, level.
Soil, 2nd rate.
Brush, sage and mesquite.

Resurvey of
South Boundary of the Gila River Indian Reservation
through T. 4 S., R. 4 E.

Chains

S. 89° 35' E. on a true line along the S. bdy. of sec. 8,
which is also the S. bdy. of the reservation.

Over level land, through brush

20.00 Set an iron post for 1/16 sec. cor. No. 2, on the S. bdy.
of sec. 8 (W $\frac{1}{2}$), with cap stamped

1/16 S 8 No 2 G R I R in N.
1911 in S.

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.;
and raise a mound of earth 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high,
N. of cor.

40.00 Set an iron post for the $\frac{1}{4}$ sec. cor. on the S. bdy. of sec.
8, with cap stamped

$\frac{1}{4}$ S 8 in N.
1911 in S.

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.;
and raise a mound of earth 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high,
N. of cor.

37.99 *Note: For continuation of Reservation bdy./ see notes of subdivisions
of T. 4 S., R. 4 E. Extension survey under Group 98*

60.00 Set an iron post for 1/16 sec. cor. No. 1, on the S. bdy.
of sec. 8 (E $\frac{1}{2}$), with cap stamped

1/16 S 8 No 1 in N.
1911 in S.

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.;
and raise a mound of earth 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high,
N. of cor.

77.96 The old cor. of secs. 8, 9, 16 and 17, which I changed to
a cor. for secs. 16 and 17, previously described.

Thence S. 89° 41' E., along the S. bdy. of sec. 8, con-
tinuing measurement, along Bdy. bet. Reservation and State lands.

80.00 The cor. of secs. 8 and 9, previously described in the
notes of subdivision of T. 4 S., R. 4 E.

Land, level.
Soil, 2nd rate.

April 5, 1911.

April 4, 1911.

S. 89° 41' E. on a true line along the S. bdy. of sec. 9,
~~which is also the S. bdy. of the reservation.~~

Over level land, through brush.

20.00 Set an iron post for 1/16 sec. cor. No. 2, on the S. bdy.
of sec. 9 (W $\frac{1}{2}$), with cap stamped

1/16 S 9 No 2 G R I R in N.
1911 in S.

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.;
and raise a mound of earth 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high,
N. of cor.

40.00 Set an iron post for the $\frac{1}{4}$ sec. cor. on the S. bdy. of

See
retracement
this line
1530, BK C
under grp. 98

Resurvey of

Old South Boundary of the Gila River Indian Reservation

through T. 4 S., R. 4 E.

Chains

sec. 9, with cap stamped

1/4 S 9 GRIR in N.
1911 in S.

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.;
and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high,
N. of cor.

60.00 Set an iron post for 1/16 sec. cor. No. 1, on the S. bdy.
of sec. 9 (E 1/2), with cap stamped

1/16 S 9 No 1 GRIR in N.
1911 in S.

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.;
and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high,
N. of cor.

57.00 Road, brs. NE. and SW.

78.38 For restoration of orig. cor. secs. 15+16 at this point, see Pg. 22 B.M. C, Grp 98.

80.00 The cor. of secs. 9 and 10, previously described in notes
of subdivision of T. 4 S., R. 4 E.

Land, level.
Soil, 2nd and 3rd rate.

April 4, 1911

See retracement this line Pg. 26, Book C under Grp. 98

April 3, 1911.

S. 89° 41' E. on a true line along the S. bdy. of sec. 10,
~~which is also the S. bdy. of the reservation.~~

20.00 Set an iron post for 1/16 sec. cor. No. 2, on S. bdy. of
sec. 10 (W 1/2), with cap stamped

1/16 S 10 No 2 in N.
1911 in S.

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.;
and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high,
N. of cor.

40.00 Set an iron post for 1/4 sec. cor. on the S. bdy. of sec.
10, with cap stamped

1/4 S 10 in N.
1911 in S.

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.;
and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high,
N. of cor.

See retracement this line Pg. 22, Book C under Grp. 98

60.00 Set an iron post for 1/16 sec. cor. No. 1, on the S. bdy.
of sec. 10 (E 1/2), with cap stamped

1/16 S 10 No 1 in N.
1911 in S.

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.;
and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high,
N. of cor.

80.00 The cor. of secs. 10 and 11, previously described in the
notes of subdivision of T. 4 S., R. 4 E.

Land, level.
Soil, 2nd and 3rd rate.

Resurvey of
Old South Boundary of the Gila River Indian Reservation
through T. 4 S., R. 4 E.

Chains

April 1, 1911.
S. 89° 41' E. on a true line along the S. bdy. of sec. 11,
~~which is also the S. bdy. of the reservation.~~

Over level land.

20.00 Set an iron post for 1/16 sec. cor. No. 2, on the S. bdy.
of sec. 11 (W $\frac{1}{2}$), with cap stamped

1/16 S 11 No 2 in N.
1911 in S.

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.;
and raise a mound of earth 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high,
N. of cor.

22.00 Road, brs. N. and S.

40.00 Set an iron post for $\frac{1}{4}$ sec. cor. on the S. bdy. of sec.
11, with cap stamped

$\frac{1}{4}$ S 11 in N.
1911 in S.

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.;
and raise a mound of earth 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high,
N. of cor.

60.00 Set an iron post for 1/16 sec. cor. No. 1, on the S. bdy.
of sec. 11 (E $\frac{1}{2}$), with cap stamped

1/16 S 11 No 1 in N.
1911 in S.

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.;
and raise a mound of earth 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high,
N. of cor.

80.00 The cor. of secs. 11 and 12, previously described in the
notes of subdivision of T. 4 S., R. 4 E.

Land, level.
Soil, 2nd rate.
Brush, mesquite and greasewood.

April 1, 1911.

March 31, 1911.- S. 89° 41' E. on a true line along the
S. bdy. of sec. 12, ~~which is also the S. bdy. of the
reservation.~~

Over level land.

16.00 Road, brs. N. and S.

20.00 Set an iron post for 1/16 sec. cor. No. 2, on the S. bdy.
of sec. 12 (W $\frac{1}{2}$), with cap stamped

1/16 S 12 No 2 in N.
1911 in S.

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.;
and raise a mound of earth 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high,
N. of cor.

40.00 Set an iron post for $\frac{1}{4}$ sec. cor. on the S. bdy. of sec. 12,
with cap stamped

See
retracement
this line by
19, Book "C"
under Gp. 98

Resurvey of

Old South Boundary of the Gila River Indian Reservation

through T. 4 S., R. 4 E.

Chains

1/4 S 12 in N.
1911 in S.

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.;
and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high,
N. of cor.

60.00 Set an iron post for 1/16 sec. cor. No. 1, on the S. bdy.
of sec. 12, (E 1/2), with cap stamped

1/16 S 12 No 1 in N.
1911 in S.

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.;
and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high,
N. of cor.

78.57 The NE cor. for sec. 13, T. 4 S., R. 4 E.,

established
by Guy P. Harrington, U. S. Surveyor, and described in
notes of the W. bdy. of T. 4 S., R. 5 E.

Thence

East on a true line, continuing measurement.

80.00 The SE. cor. of sec. 12, T. 4 S., R. 4 E., established by
Guy P. Harrington, U. S. Surveyor, and described in
notes of the W. bdy. of T. 4 S., R. 5 E.

Land, level.
Soil, 2nd and 3rd rate.
Brush, mesquite and sage.

March 31, 1911.

See
retracement
this line by
13, Book C
under 9498

West Boundary of T. 4 S., R. 4 E.

Chains

Surveyed by R. A. Farmer, Topographer.

The iron posts used in this survey, unless otherwise described, are 3 ft. long, 1 inch in diameter, and are set 26 ins. in the ground.

March 27, 1911.

From the cor. of Tps. 3 and 4 S., Rgs. 3 and 4 E., previously described, I run

South bet. secs. 1 and 6.

Over level land, through brush of low sage and mesquite.

20.00 Set an iron post for 1/16 sec. cor. No. 6, bet. secs. 1 and 6 (N $\frac{1}{2}$), with cap stamped

1/16 S 1 in W. half
S 6 in E. half
No 6 in N.
1911 in S.

Dig pits 18x18x12 ins. N. and S. of post 3 ft. dist.; and raise a mound of earth 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor.

40.00 Set an iron post for $\frac{1}{4}$ sec. cor. bet. secs. 1 and 6, with cap stamped

$\frac{1}{4}$ S 1 in W. half
S 6 in E. half
1911 in S.

Dig pits 18x18x12 ins. N. and S. of post 3 ft. dist.; and raise a mound of earth 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor.

60.00 Set an iron post for 1/16 sec. cor. No. 12, bet. secs. 1 and 6 (S $\frac{1}{2}$), with cap stamped

1/16 S 1 in W. half
S 6 in E. half
No 12 in N.
1911 in S.

Dig pits 18x18x12 ins. N. and S. of post 3 ft. dist.; and raise a mound of earth 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor.

80.00 Set an iron post for the cor. of secs. 1, 6, 7 and 12, with cap stamped

T 4 S S 6 in NE. quadrant
R 4 E S 7 in SE. "
S 12 in SW. "
R 3 E S 1 in NW. "
1911 in S.

1 notch on N. and 5 notches on S. edge

Dig pits 18x18x12 ins. in each sec. 5 $\frac{1}{2}$ ft. dist.; and raise a mound of earth 4 ft. base, 2 ft. high, W. of cor.

Land, level.

Resurvey of

West Boundary of T. 4 S., R. 4 E.

Chains

Soil, 2nd rate.
Brush, mesquite and sage (low).

South bet. secs. 7 and 12.

Over level land, through low brush of sage and mesquite.

18.00 Santa Cruz dry wash, 5 ft. deep, 200 lks. wide, course SW.

20.00 Set an iron post for 1/16 sec. cor. No. 6, bet. secs. 7 and 12 (N $\frac{1}{2}$), with cap stamped

1/16 S 12 in W. half
S 7 in E. half
No 6 in N.
1911 in S.

Dig pits 18x18x12 ins. N. and S. of post 3 ft. dist.; and raise a mound of earth 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor.

40.00 Set an iron post for the $\frac{1}{4}$ sec. cor. bet. secs. 7 and 12, with cap stamped

$\frac{1}{4}$ S 12 in W. half
S 7 in E. half
1911 in S.

Dig pits 18x18x12 ins. N. and S. of post 3 ft. dist.; and raise a mound of earth 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor.

60.00 Set an iron post for the 1/16 sec. cor. No. 12, bet. secs. 7 and 12 (S $\frac{1}{2}$), with cap stamped

1/16 S 12 in W. half
S 7 in E. half
No 12 in N.
1911 in S.

Dig pits 18x18x12 ins. N. and S. of post 3 ft. dist.; and raise a mound of earth 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor.

83.60 Intersect the S. bdy. of the Gila River Indian Reservation, at a point from which the old cor. of secs. 13 and 18 brs. N. 89° 35' W., 2.20 chs. dist. (and from which the true cor. of secs. 7 and 8, T. 4 S., R. 4 E. will bear S. 89° 35' E., 79.00 chs. dist.)

Set an iron post 3 ft. long, 3 ins. dia., 26 ins. in the ground, for the cor. of secs. 7 and 12, on S. bdy. of Gila River Indian Reservation, with cap stamped

G R I R in N.
T 4 N R 4 E S 7 in NE.
R 3 E S 12 in NW.
1911 in S.

Dig pits 30x24x12 ins. in each sec. 6 ft. dist.; and raise a mound of earth 5 ft. base, 2 $\frac{1}{2}$ ft. high, N. of cor.

Land, level.
Soil, 2nd rate.
Brush, sage and mesquite.

March 27, 1911.

South Boundary of the Gila River Indian Reservation

through T. 4 S., R. 3 E.

Chains

Surveyed by R. A. Farmer, Topographer.

The iron posts used in this survey, unless otherwise described, are 3 ft. long, 1 inch in diameter, and are set 26 ins. in the ground.

April 10, 1911. At 7h 01m a.m., l.m.t., I set off $33^{\circ} 05'$ on the lat. arc, $7^{\circ} 42'$ N. on the decl. arc, and determine a meridian with the solar, at the cor. of sec. 7 and 12, T. 4 S., Rgs. 3 and 4 E., on the S. bdy. of the Gila River Indian Reservation, previously described.

Thence I run

N. $89^{\circ} 35'$ W. on a true line along the S. bdy. of sec. 12, which is also the S. bdy. of the reservation.

2.20 The cor. of secs. 13 and 18, as reestablished and previously described.

From this cor. of secs. 13 and 18, I run

West on a random line along the S. bdy. of the reservation, setting a temp. cor. at 37.80 chs., and at intervals of 40.00 chs. thereafter, - for future use when subdividing T. 4 S., R. 3 E. I make diligent search for traces of the old $\frac{1}{4}$ and sec. cors., but find none, and at

477.80 Set a temp. stake for the cor. of secs. 7 and 12, T. 4 S., Rgs. 2 and 3 E. (I permanently establish this cor. on April 11, at a point 70 lks. E. of the temp. stake. For description of same see field notes of the W. bdy. of T. 4 S., R. 3 E. page 228 of this book.)

April 21, 1911.

From the cor. of secs. 7 and 12, T. 4 S., Rgs. 2 and 3 E., I run

East on a true line along the S. bdy. of sec. 7, which is also the S. bdy. of the reservation.

Over level land.

19.30 Set an iron post for $\frac{1}{16}$ sec. cor. No. 2, on the S. bdy. of sec. 7 ($W\frac{1}{2}$), with cap stamped

$\frac{1}{16}$ S 7 No 2 G R I R in N.
1911 in S.

Dig pits $18 \times 18 \times 12$ ins. E. and W. of post 3 ft. dist.; and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, N. of cor.

39.30 Set an iron post for $\frac{1}{4}$ sec. cor. on the S. bdy. of sec. 7, with cap stamped

$\frac{1}{4}$ S 7 G R I R in N.
1911 in S.

Resurvey of
South Boundary of the Gila River Indian Reservation
through T. 4 S., R. 3 E.

Chains

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.;
and raise a mound of earth 3½ ft. base, 1½ ft. high,
N. of cor.

55.00 Road, brs. N. and S.

59.30 Set an iron post for 1/16 sec. cor. No. 1, on the S. bdy.
of sec. 7 (E½), with cap stamped

1/16 S 7 No 1 G R I R in N.
1911 in S.

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.;
and raise a mound of earth 3½ ft. base, 1½ ft. high,
N. of cor.

72.30 Dry wash, 60 lks. wide, course N.

79.30 The cor. of secs. 7 and 8, previously described in the
field notes of the subdivision of T. 4 S., R 3 E.

Land, level.
Soil, 2nd rate.
Brush, small mesquite and sage.

April 19, 1911.

East on a true line along the S. bdy. of sec. 8, which is
also the S. bdy. of the reservation.

Over level land.

15.00 Dry wash, 30 lks. wide, course NW.

17.00 Road, brs. N. and S.

20.00 Set an iron post for 1/16 sec. cor. No. 2, on the S. bdy.
of sec. 8 (W½), with cap stamped

1/16 S 8 No 2 G R I R in N.
1911 in S.

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.;
and raise a mound of earth 3½ ft. base, 1½ ft. high,
N. of cor.

40.00 Set an iron post for ¼ sec. cor. on the S. bdy. of sec. 8,
with cap stamped

¼ S 8 G R I R in N.
1911 in S.

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.;
and raise a mound of earth 3½ ft. base, 1½ ft. high,
N. of cor.

42.00 Road, brs. N. 70° W. and S. 70° E.

59.50 Brush fence, brs. N. 70° W. and S. 70° E.

60.00 Set an iron post for 1/16 sec. cor. No. 1, on the S. bdy.
of sec. 8 (E½), with cap stamped

1/16 S 8 No 1 G R I R in N.
1911 in S.

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.;

Resurvey of
South Boundary of the Gila River Indian Reservation
through T. 4 S., R. 3 E.

Chains	
	and raise a mound of earth 3½ ft. base, 1½ ft. high, N. of cor.
80.00	The cor. of secs. 8 and 9, previously described in the field notes of the subdivision of T. 4 S., R. 3 E. Land, level. Soil, 2nd rate. No timber.

	April 18, 1911. East on a true line along the S. bdy. of sec. 9, which is also the S. bdy. of the reservation. Over level land, through sage brush.
19.99	Set an iron post for 1/16 sec. cor. No. 2, on the S. bdy. of sec. 9, (W½), with cap stamped 1/16 S 9 No 2 G R I R in N. 1911 in S. Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise a mound of earth 3½ ft. base, 1½ ft. high, N. of cor.
39.98	Set an iron post for ¼ sec. cor. on the S. bdy. of sec. 9, with cap stamped ¼ S 9 G R I R in N. 1911 in S. Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise a mound of earth 3½ ft. base, 1½ ft. high, N. of cor.
59.97	Set an iron post for 1/16 sec. cor. No. 1, on the S. bdy. of sec. 9 (E½), with cap stamped 1/16 S 9 No 1 G R I R in N. 1911 in S. Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise a mound of earth 3½ ft. base, 1½ ft. high, N. of cor.
79.96	The cor. of secs. 9 and 10, previously described in the field notes of the subdivision of T. 4 S., R. 3 E. Land, level. Soil, 2nd rate. No timber. Brush, sage and greasewood.

	East on a true line along the S. bdy. of sec. 10, which is also the S. bdy. of the reservation. Over level land, in small sage and greasewood.
1.00	Road, brs. N. and S.
20.00	Set an iron post for 1/16 sec. cor. No. 2, on the S. bdy. of sec. 10 (W½), with cap stamped

Resurvey of
South Boundary of the Gila River Indian Reservation
through T. 4 S., R. 3 E.

Chains	
	<p>1/16 S 10 No 2 G R I R in N. 1911 in S.</p> <p>Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise a mound of earth 3½ ft. base, 1½ ft. high, N. of cor.</p>
28.00	Road, brs. N. and S.
40.00	<p>Set an iron post for ¼ sec. cor. on the S. bdy. of sec. 10, with cap stamped</p> <p>¼ S 10 G R I R in N. 1911 in S.</p> <p>Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise a mound of earth 3½ ft. base, 1½ ft. high, N. of cor.</p>
49.00	Road, brs. N. and S.
50.77	Telegraph line, brs. N. 23° 43' E. and S. 23° 43' W.
51.30	Middle of Arizona and Eastern R.R. single track brs. N. 23° 43' E. and S. 23° 43' W.
60.00	<p>Set an iron post for 1/16 sec. cor. No. 1, on the S. bdy. of sec. 10, (W½), with cap stamped</p> <p>1/16 S 10 No 1 G R I R in N. 1911 in S.</p> <p>Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise a mound of earth 3½ ft. base, 1½ ft. high, N. of cor.</p>
72.00	Leave brush, enter timber, brs. NW. and SE.
80.00	<p>The cor. of secs. 10 and 11, previously described in the field notes of the subdivision of T. 4 S., R. 3 E.</p> <p>Land, level. Soil, 2nd and 3rd rate.</p> <p style="text-align: right;">April 18, 1911.</p> <hr style="border-top: 1px dashed black;"/>
	<p>April 15, 1911.</p> <p>East on a true line along the S. bdy. of sec. 11, which is also the S. bdy. of the reservation.</p> <p>Over level land, through timber.</p>
3.40	<p>Leave timber, brs. NW. and SE. Thence through sage and greasewood brush.</p>
4.00	Dry wash, 20 lks. wide, course NE.
17.00	Road, brs. N. and S.
20.00	<p>Set an iron post for 1/16 sec. cor. No. 2, on the S. bdy. of sec. 11 (W½), with cap stamped</p> <p>1/16 S 11 No 2 G R I R in N. 1911 in S.</p> <p>Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise a mound of earth 3½ ft. base, 1½ ft. high,</p>

Resurvey of
 South Boundary of the Gila River Indian Reservation
 through T. 4 S., R. 3 E.

Chains	
	N. of cor.
40.00	Set an iron post for the $\frac{1}{4}$ sec. cor. on the S. bdy. of sec. 11, with cap stamped $\frac{1}{4}$ S 11 G R I R in N. 1911 in S. Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, N. of cor.
60.00	Set an iron post for $\frac{1}{16}$ sec. cor. No. 1, on the S. bdy. of sec. 11 ($\frac{1}{2}$), with cap stamped $\frac{1}{16}$ S 11 No 1 G R I R in N. 1911 in S. Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, N. of cor.
68.00	Road, brs. NE. and SW.
80.00	The cor. of secs. 11 and 12, previously described in the field notes of the subdivision of T. 4 S., R. 3 E. Land, level. Soil, 2nd and 3rd rate. ----- East on a true line along the S. bdy. of sec. 12, which is also the S. bdy. of the reservation. Over level land, through small sage and greasewood brush.
20.01	Set an iron post for $\frac{1}{16}$ sec. cor. No. 2, on the S. bdy. of sec. 12, which is also the S. bdy. of the reservation, with cap stamped $\frac{1}{16}$ S 12 No 2 G R I R in N. 1911 in S. Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, N. of cor.
40.02	Set an iron post for $\frac{1}{4}$ sec. cor. on the S. bdy. of sec. 12, with cap stamped $\frac{1}{4}$ S 12 G R I R in N. 1911 in S. Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, N. of cor.
60.03	Set an iron post for $\frac{1}{16}$ sec. cor. No. 1, on the S. bdy. of the sec. 12, ($\frac{1}{2}$), with cap stamped $\frac{1}{16}$ S 12 No 1 G R I R in N. 1911 in S. Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, N. of cor.
77.84	The cor. of secs. 13 and 18, T. 4 S., Rgs. 3 and 4 E.,

Resurvey of
South Boundary of the Gila River Indian Reservation
through T. 4 S., R. 3 E.

Chains

previously described in notes of S. bdy. of Gila River
Indian Reservation, through T. 4 S., R. 4 E.

Land, level.
Soil, 2nd and 3rd rate.

April 15, 1911.

Resurvey of
North Boundary of T. 4 S., R. 3 E.

Chains

Surveyed by R. A. Farmer, Topographer.

The iron posts used in this survey, unless otherwise described, are 3 ft. long, 1 inch in diameter, and are set 26 ins. in the ground.

April 11, 1911. At 7h 01m a.m., l.m.t., I set off 33° 07' on the lat. arc, 8° 04' N. on the decl. arc, and determine a meridian with the solar, at the cor. of Tps. 3 and 4 S., Rgs. 3 and 4 E., previously described.

Thence I run

West on a true line bet. secs. 1 and 36.

Over level land, through brush.

20.00 Set an iron post for 1/16 sec. cor. No. 1, bet. secs. 1 and 36 (E $\frac{1}{2}$), with cap stamped

1/16 S 36 No 1 in N. half
S 1 1911 in S. half

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise a mound of earth 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, N. of cor.

40.00 Set an iron post for $\frac{1}{4}$ sec. cor. bet. secs. 1 and 36, with cap stamped

$\frac{1}{4}$ S 36 in N. half
S 1 1911 in S. half

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise a mound of earth 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, N. of cor.

(Diligent search for the old $\frac{1}{4}$ sec. cor. was made, but no trace of same found).

60.00 Set an iron post for 1/16 sec. cor. No. 2, bet. secs. 1 and 36 (W $\frac{1}{2}$), with cap stamped

1/16 S 36 No 2 in N. half
S 1 1911 in S. half

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise a mound of earth 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, N. of cor.

80.00 Set an iron post for the cor. of secs. 1, 2, 35 and 36, with cap stamped

T 3 S S 36 in NE. quadrant
R 3 E S 1 in SE. "
T 4 S S 2 in SW. "
S 35 in NW. "

1911 in S.
1 notch on E. and 5 notches on W. edges

Dig pits 18x18x12 ins. ⁱⁿ each sec. 5 $\frac{1}{2}$ ft. dist.; and raise a mound of earth 4 ft. base, 2 ft. high, W. of cor.

(Diligent search was made for the old cor., but no trace of same found).

Resurvey of

North Boundary of T. 4 S., R. 3 E.

Chains

Land, level.
Soil, 2nd rate.
Brush, greasewood and sage.

West on a true line bet. secs. 2 and 35.

Over level land, through brush.

14.00 Santa Cruz Wash, 8 ft. deep, 200 lks. wide, course NW.

20.00 Set an iron post for 1/16 sec. cor. No. 1, bet. secs. 2 and 35 (E $\frac{1}{2}$), with cap stamped

1/16 S 35 No 1 in N. half
S 2 1911 in S. half

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise a mound of earth 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, N. of cor.

32.00 Road, brs. N. 30° E. and S. 30° W.

36.40 Middle of Arizona Eastern R.R. track, brs. N.23°43'E. and S. 23° 43' W.

37.40 Telegraph line, brs. N.23°43'E. and S.23°43'W.

40.00 Set an iron post for $\frac{1}{4}$ sec. cor. bet. secs. 2 and 35, with cap stamped

$\frac{1}{4}$ S 35 in N. half
S 2 1911 in S. half

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise a mound of earth 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, N. of cor.

(Diligent search was made for the old $\frac{1}{4}$ sec. cor., but no trace of same found).

45.00 Wash, 4 ft. deep, 40 lks. wide, course NW.

60.00 Set an iron post for 1/16 sec. cor. No. 2, bet. secs. 2 and 35 (W $\frac{1}{2}$), with cap stamped

1/16 S 35 No 2 in N. half
S 2 1911 in S. half

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise a mound of earth 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, N. of cor.

64.00 Wash, 4 ft. deep, 30 lks. wide, course NW.

80.00 Set an iron post for the cor. of secs. 2, 3, 34 and 35, with cap stamped

T 3 S S 35 in NE. quadrant
R 3 E S 2 in SE. "
T 4 S S 3 in SW. "
S 34 in NW. "

1911 in S.
2 notches on E. and 4 notches on W. edge

Dig pits 18x18x12 ins. in each sec. 5 $\frac{1}{2}$ ft. dist.; and raise a mound of earth 4 ft. base, 2 ft. high, W. of cor.

Resurvey of

North Boundary of T. 4 S., R. 3 E.

Chains

(Diligent search was made for the old cor., but no trace of same found).

Land, level.
Soil, 2nd rate.
Brush, sage and mesquite.

West on a true line bet. secs. 3 and 34.

Over level land, through brush.

20.00 Set an iron post for 1/16 sec. cor. No. 1, bet. secs. 3 and 34 ($\frac{1}{16}$), with cap stamped

1/16 S 34 No 1 in N. half
S 3 1911 in S. half

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, N. of cor.

38.00 Road, brs. N. and S.

40.00 Set an iron post for $\frac{1}{4}$ sec. cor. bet. secs. 3 and 34, with cap stamped

$\frac{1}{4}$ S 34 in N. half
S 3 1911 in S. half

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, N. of cor.

(Diligent search was made for the old $\frac{1}{4}$ sec. cor., but no trace of same found).

60.00 Set an iron post for 1/16 sec. cor. No. 2, bet. secs. 3 and 34 ($\frac{1}{16}$), with cap stamped

1/16 S 34 No 2 in N. half
S. 3 1911 in S. half

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, N. of cor.

80.00 Set an iron post for the cor. of secs. 3, 4, 33 and 34, with cap stamped

T 3 S S 34 in NE. quadrant
R 3 E S 3 in SE. "
T 4 S S 4 in SW. "
S 33 in NW. "
1911 in S.
3 notches on E. and W. edges

Dig pits 18x18x12 ins. in each sec. $5\frac{1}{2}$ ft. dist.; and raise a mound of earth 4 ft. base, 2 ft. high, W. of cor.

(Diligent search was made for the old sec. cor., but no trace of same found).

Land, level.
Soil, 2nd rate.
Brush, mesquite and sage.

Resurvey of
North Boundary of T. 4 S., R. 3 E.

Chains

- West on a true line bet. secs. 4 and 33.
Over level land, through brush.
- 20.00 Set an iron post for 1/16 sec. cor. No. 1, bet. secs. 4 and 33 (E $\frac{1}{4}$), with cap stamped
- 1/16 S 33 No 1 in N. half
S 4 1911 in S. half
- Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise a mound of earth 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, N. of cor.
- 28.00 Leave brush; enter mesquite timber, brs. NW. and SE.
- 32.50 Wash, 6 ft. deep, 20 lks. wide, course NW.
- 32.70 Road, brs. N. and S.
- 40.00 Set an iron post for $\frac{1}{4}$ sec. cor. bet. secs. 4 and 33, with cap stamped
- $\frac{1}{4}$ S 33 in N. half
S 4 1911 in S. half, from which
- A mesquite 8 ins. dia. brs. N. 61 $\frac{1}{2}$ $^{\circ}$ E., 105 lks. dist.
Mkd. $\frac{1}{4}$ S 33 B T.
A mesquite 8 ins. dia., brs. S. 53 $\frac{1}{4}$ $^{\circ}$ E., 162 lks. dist.
Mkd. $\frac{1}{4}$ S 4 B T.
- (Diligent search was made for the old $\frac{1}{4}$ sec. cor., but no trace of same found.)
- 40.50 Wash, 3 ft. deep, 20 lks. wide, course NW.
- 44.00 Wash, 4 ft. deep, 40 lks. wide, course NW.
- 54.00 Wash, 3 ft. deep, 30 lks. wide, course NW.
- 55.00 Leave timber, brs. NW. and SE. Enter brush.
- 60.00 Set an iron post for 1/16 sec. cor. No. 2, bet. secs. 4 and 33 (W $\frac{1}{2}$), with cap stamped
- 1/16 S 33 No 2 in N. half
S 4 1911 in S. half
- Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise a mound of earth 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, N. of cor.
- 75.00 Wash, 4 ft. deep, 40 lks. wide, course NW.
- 80.00 Set an iron post for the cor. of secs. 4, 5, 32 and 33, with cap stamped
- T 3 S S 33 in NE. quadrant
R 3 E S 4 in SE. "
T 4 S S 5 in SW. "
S 32 in NW. "
1911 in S.
4 notches on E. and 2 notches on W. edge
- Dig pits 18x18x12 ins. in each sec. 5 $\frac{1}{2}$ ft. dist., and raise a mound of earth 4 ft. base, 2 ft. high, W. of cor.
- (Diligent search was made for the old sec. cor., but no trace of same found).

Resurvey of

North Boundary of T. 4 S., R. 3 E.

Chains

Land, level.
Soil, 2nd rate.
Brush, sage, 53.00 chs.; mesquite, 27.00 chs.

West on a true line bet. secs. 5 and 32.

Over level land, through brush.

20.00 Set an iron post for 1/16 sec. cor. No. 1, bet. secs. 5 and 32 (E $\frac{1}{2}$), with cap stamped

1/16 S 32 No 1 in N. half
S 5 1911 in S. half

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise a mound of earth 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, N. of cor.

40.00 Set an iron post for $\frac{1}{4}$ sec. cor. bet. secs. 5 and 32, with cap stamped

$\frac{1}{4}$ S 32 in N. half
S 5 1911 in S. half

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise a mound of earth 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, N. of cor.

(Diligent search was made for the old $\frac{1}{4}$ sec. cor., but no trace of same found).

60.00 Set an iron post for 1/16 sec. cor. No. 2, bet. secs. 5 and 32 (W $\frac{1}{2}$), with cap stamped

1/16 S 32 No 2 in N. half
S 5 1911 in S. half

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise a mound of earth 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, N. of cor.

80.00 Set an iron post for the cor. of secs. 5, 6, 31 and 32, with cap stamped

T 3 S S 32 in NE. quadrant
R 3 E S 5 in SE. "
T 4 S S 6 in SW. "
S 31 in NW. "
1911 in S.

5 notches on E. and 1 notch on W. edge

Dig pits 18x18x12 ins. in each sec. 5 $\frac{1}{2}$ ft. dist.; and raise a mound of earth 4 ft. base, 2 ft. high, W. of cor.

(Diligent search was made for the old sec. cor., but no trace of same found).

Land, flat.
Soil, 2nd rate.
Brush, sage and mesquite.

West on a true line bet. secs. 6 and 31.

Over level land, through brush.

Resurvey of

North Boundary of T. 4 S., R. 3 E.

Chains

- 18.00 Leave brush, brs. N. and S. Enter timber.
- 20.00 Set an iron post for the 1/16 sec. cor. No. 1, bet. secs. 6 and 31 ($\frac{1}{2}$), with cap stamped
 - 1/16 S 31 No 1 in N. half
 - S 6 1911 in S. half

(No B.T.s available.)

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, N. of cor.
- 22.00 Wash, 60 lks. wide, 6 ft. deep, course N.
- 27.00 Wash, 90 lks. wide, 7 ft. deep, course N.
- 34.00 Leave timber, brs. N. and S. Enter brush.
- 40.00 Set an iron post for $\frac{1}{4}$ sec. cor. bet. secs. 6 and 31, with cap stamped
 - $\frac{1}{4}$ S 31 in N. half
 - S 6 1911 in S. half

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, N. of cor.

(Diligent search was made for the old cor., but no trace of same found).
- 43.00 Wash, course N. (30 lks. wide, 4 ft. deep).
- 48.00 Road, brs. N. and S.
- 58.00 Wash, 50 lks. wide, 4 ft. deep, course N.
- 60.00 Set an iron post for 1/16 sec. cor. No. 2, bet. secs. 6 and 31 ($\frac{1}{2}$), with cap stamped
 - 1/16 S 31 No 2 in N. half
 - S 6 1911 in S. half

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, N. of cor.
- 79.06 Set an iron post 3 ft. long, 3 ins. dia., 26 ins. in the ground, for the cor. of Tps. 3 and 4 S., Rgs. 2 and 3 E., with cap stamped
 - T 3 S S 31 in NE. quadrant
 - R 3 E S 6 in SE. "
 - T 4 S S 1 in SW. "
 - R 2 E S 36 in NW. "
 - 1911 in S.
 - 6 notches on E., W., N. and S. edges

Dig pits 24x24x12 ins., on each line, N., E. and W., 4 ft., and S. of post 8 ft. dist.; and raise a mound of earth 5 ft. base, $2\frac{1}{2}$ ft. high, S. of cor.

(Diligent search was made for the old cor., but no trace of same found).

Land, level.
 Soil, 2nd rate.
 Brush, sage, 64.00 chs.; timber, mesquite, 16.00 chs.

April 11, 1911.

Resurvey of

West Boundary of T. 4 S., R. 3 E.

Chains

Surveyed by R. A. Farmer, Topographer..

The iron posts used in this survey, unless otherwise described, are 3 ft. long, 1 inch in diameter, and are set 26 ins. in the ground.

April 11, 1911. At the cor. of Tps. 3 and 4 S., Rgs. 2 and 3 E., I set off 8° 07' N. on the decl. arc, and at 12h 1m 19s p.m., l.m.t., observe the sun on the meridian; the resulting lat. is 33° 07', which is within one minute of the proper lat.

Thence I run

South on a true line bet. secs. 1 and 6.

20.00 Set an iron post for the 1/16 sec. cor. No. 6, bet. secs. 1 and 6 (N $\frac{1}{2}$), with cap stamped

1/16 S 1 in W. half
S 6 in E. half
No 6 in N.
1911 in S.

Dig pits 18x18x12 ins. N. and S. of post 3 ft. dist.; and raise a mound of earth 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor.

40.00 Set an iron post for the $\frac{1}{4}$ sec. cor. bet. secs. 1 and 6, with cap stamped

$\frac{1}{4}$ S 1 in W. half
S 6 in E. half
1911 in S.

Dig pits 18x18x12 ins. N. and S. of post 3 ft. dist.; and raise a mound of earth 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor.

(Diligent search was made for the old $\frac{1}{4}$ sec. cor., but no trace of same found).

60.00 Set an iron post for 1/16 sec. cor. No. 12, bet. secs. 1 and 6 (S $\frac{1}{2}$), with cap stamped

1/16 S 1 in W. half
S 6 in E. half
No 12 in N.
1911 in S.

Dig pits 18x18x12 ins. N. and S. of post 3 ft. dist.; and raise a mound of earth 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor.

80.00 Set an iron post for the cor. of secs. 1, 6, 7 and 12, with cap stamped

T 4 S S 6 in NE. quadrant
R 3 E S 7 in SE. "
S 12 in SW. "
R 2 E S 1 in NW. "
1911 in S.

5 notches on S. and 1 notch on N. edge

Dig pits 18x18x12 ins. in each sec. 5 $\frac{1}{2}$ ft. dist.; and

Resurvey of

West Boundary of T. 4 S., R. 3 E.

Chains

raise a mound of earth 4 ft. base, 2 ft. high, W. of cor.

(Diligent search was made for the old cor., but no trace of same found).

Land, level.
Soil, 2nd rate.
Brush, sage and mesquite.

South on a true line bet. secs. 7 and 12.

Over level land, through brush.

20.00 Set an iron post for 1/16 sec. cor. No. 6, bet. secs. 7 and 12 (N $\frac{1}{2}$), with cap stamped

1/16 S 12 in W. half
S 7 in E. half
No 6 in N.
1911 in S.

Dig pits 18x18x12 ins. N. and S. of post 3 ft. dist.; and raise a mound of earth 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor.

35.00 Dry wash, 20 lks. wide, 2 ft. deep, course NW.

40.00 Set an iron post for the $\frac{1}{4}$ sec. cor. bet. secs. 7 and 12, with cap stamped

$\frac{1}{4}$ S 12 in W. half
S 7 in E. half
1911 in S.

Dig pits 18x18x12 ins. N. and S. of post 3 ft. dist.; and raise a mound of earth 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor.

60.00 Set an iron post for 1/16 sec. cor. No. 12, bet. secs. 7 and 12 (S $\frac{1}{2}$), with cap stamped

1/16 S 12 in W. half
S 7 in E. half
No 12 in N.
1911 in S.

Dig pits 18x18x12 ins. N. and S. of post 3 ft. dist.; and raise a mound of earth 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor.

83.40 Intersect the S. bdy. of the Gila River Indian Reservation at a point 70 lks. E. of the temp. stake set for cor. of secs. 7 and 12.

Set an iron post 3 ft. long, 3 ins. dia., 26 ins. in the ground, for the cor. of secs. 7 and 12, with cap stamped

T 4 S R 3 E S 7 in NE.
R 2 E S 12 in NW.
G R I R in N.
1911 in S.
6 notches on E. and W. edges

Dig pits 30x24x12 ins. in each sec. 6 ft. dist.; and raise a mound of earth 5 ft. base, 2 ft. high, N. of cor.

Land, level. Soil, 2nd rate.
Brush, mesquite and sage.

April 11, 1911.

Resurvey of
West Boundary of T. 3 S., R. 3 E.

Chains

Surveyed by R. A. Farmer, Topographer.

The iron posts used in this survey, unless otherwise described, are 3 ft. long, 1 inch in dia., and are set 26 ins. in the ground.

April 24, 1911. At the cor. of Tps. 3 and 4 S., Rgs. 2 and 3 E., at 9h 00m p.m., l.m.t., I observe Polaris in accordance with instructions in the Manual, and mark the direction thus determined by a tack in a hub firmly set in the ground, about 10.00 chs. Northerly from my station, lat. 33°07'N.

l.m.t.
Astron. time of observation, April 24, 9h 00m
Reduced to 23rd 33h 00m

l.m.t.
U.C. of Polaris (Eph. 1911) April 23, 11h 24m

Hour Angle of Polaris at time of obs'n 21h 36m
Subtracted from 23h 56.1m

Time argument 2h 20.1m

Azimuth of Polaris at observation, 0° 49' E.

April 25, 1911. At 6h 30m a.m., l.m.t., I lay off the azimuth of Polaris 0° 49' to the west, and mark the meridian thus determined by a tack driven in a hub firmly set in the ground, west of the point established last night.

From the cor. of Tps. 3 and 4 S., Rgs. 2 and 3 E., previously described, I run

North bet. secs. 31 and 36.

Over level land, through brush.

20.00 Set an iron post for 1/16 sec. cor. No. 12, bet. secs. 31 and 36 (S $\frac{1}{16}$), with cap stamped

1/16 S 36 in W. half
S 31 in E. half
No 12 in N.
1911 in S.

Dig pits 18x18x12 ins. N. and S. of post 3 ft. dist.; and raise a mound of earth 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor.

40.00 Set an iron post for the $\frac{1}{4}$ sec. cor. bet. secs. 31 and 36, with cap stamped

$\frac{1}{4}$ S 36 in W. half
S 31 in E. half

Dig pits 18x18x12 ins. N. and S. of post 3 ft. dist.; and raise a mound of earth 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor.

(Diligent search was made for the old $\frac{1}{4}$ sec. cor., but no trace of same found).

Resurvey of

West Boundary of T. 3 S., R. 3 E.

Chains

60.00 Set an iron post for 1/16 sec. cor. No. 6, bet. secs. 31 and 36 (N $\frac{1}{2}$), with cap stamped

1/16 S 36 in W. half
S 31 in E. half
No 6 in N.
1911 in S.

Dig pits 18x18x12 ins. N. and S. of post 3 ft. dist.; and raise a mound of earth 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor.

80.00 Set an iron post for the cor. of secs. 25, 30, 31 and 36, with cap stamped

T 3 S S 30 in NE. quadrant
R 3 E S 31 in SE. "
S 36 in SW. "
R 2 E S 25 in NW. "
1911 in S.

1 notch on S. and 5 notches on N. edge

Dig pits 18x18x12 ins. in each sec. 5 $\frac{1}{2}$ ft. dist.; and raise a mound of earth 4 ft. base, 2 ft. high, W. of cor.

(Diligent search was made for the old cor., but no trace of same found).

Land, level.
Soil, alkali, 3rd rate.
Brush, sage and alkali.

North bet. secs. 25 and 30.

Over level land, through brush.

20.00 Set an iron post for 1/16 sec. cor. No. 12, bet. secs. 25 and 30 (S $\frac{1}{2}$), with cap stamped

1/16 S 25 in W. half
S 30 in E. half
No 12 in N.
1911 in S.

Dig pits 18x18x12 ins. N. and S. of post 3 ft. dist.; and raise a mound of earth 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor.

40.00 Set an iron post for the $\frac{1}{4}$ sec. cor. bet. secs. 25 and 30, with cap stamped

$\frac{1}{4}$ S 25 in W. half
S 30 in E. half
1911 in S.

Dig pits 18x18x12 ins. N. and S. of post 3 ft. dist.; and raise a mound of earth 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor.

(Diligent search was made for the old $\frac{1}{4}$ sec. cor., but no trace of same found).

55.00 Road, brs. NW. and SE.

60.00 Set an iron post for the 1/16 sec. cor. No. 6, bet. secs. 25 and 30 (N $\frac{1}{2}$), with cap stamped

Resurvey of

West Boundary of T. 3 S., R. 3 E.

Chains

1/16 S 25 in W. half
S 30 in E. half
No 6 in N.
1911 in S.

Dig pits 18x18x12 ins. N. and S. of post 3 ft. dist.;
and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high,
W. of cor.

80.00 Set an iron post for the cor. of secs. 19, 24, 25 and 30,
with cap stamped

T 3 S S 19 in NE. quadrant
R 3 E S 30 in SE. "
S 25 in SW. "
R 2 E S 24 in NW. "
1911 in S.
2 notches on S. and 4 notches on N. edge

Dig pits 18x18x12 ins. in each sec. 5 1/2 ft. dist.; and
raise a mound of earth 4 ft. base, 2 ft. high, W. of
cor.

(Diligent search was made for the old cor., but no trace
of same found).

Land, level.
Soil, 3rd rate and alkali.
Brush, sage and alkali bush.

North bet. secs. 19 and 24.

Over level land, through brush.

8.00 Enter timber, brs. NW. and SE.

16.00 Wash, 40 lks. wide, course NW. (water in holes).

20.00 Set an iron post for 1/16 sec. cor. No. 12, bet. secs. 19
and 24 (S 1/2), with cap stamped

1/16 S 24 in W. half
S 19 in E. half
No 12 in N.
1911 in S. , from which

A mesquite 10 ins. dia. brs. N. 55° E., 45 lks. dist.
Mkd. 1/16 S 19 B T.

A mesquite 12 ins. dia. brs. N. 45° W., 8 lks. dist.
Mkd. 1/16 S 24 B T.

27.00 Dry wash, 30 lks. wide, course NW. (water in holes).

38.00 Leave timber, brs. NW. and SE. Thence through brush.

40.00 Set an iron post for the 1/4 sec. cor. bet. secs. 19 and 24,
with cap stamped

1/4 S 24 in W. half
S 19 in E. half
1911 in S.

Dig pits 18x18x12 ins. N. and S. of post 3 ft. dist.;
and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high,
W. of cor.

(Diligent search was made for old 1/4 sec. cor., but no
trace of same found).

Resurvey of

West Boundary of T. 3 S., R. 3 E.

Chains

60.00 Set an iron post for 1/16 sec. cor. No. 6, bet. secs. 19 and 24 (N $\frac{1}{2}$), with cap stamped

1/16 S 24 in W. half
S 19 in E. half
No 6 in N.
1911 in S.

Dig pits 18x18x12 ins. N. and S. of post 3 ft. dist.; and raise a mound of earth 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor.

68.00 Enter timber, brs. E. and W.

80.00 Set an iron post for the cor. of secs. 13, 18, 19 and 24, with cap stamped

T 3 S S 16 in NE. quadrant
R 3 E S 19 in SE. "
S 24 in SW. "
R 2 E S 13 in NW. "
1911 in S.
3 notches on N. and S. edges

Dig pits 18x18x12 ins. in each sec. 5 $\frac{1}{2}$ ft. dist.; and raise a mound of earth 4 ft. base, 2 ft. high, W. of cor.

No B.T.s available.

(Diligent search was made for the old cor., but no trace of same found.)

Land, level.
Soil, 3rd rate, alkali.
Rimber, mesquite, 42.00 chs.
Brush, sage and alkali bush.

April 25, 1911

April 26, 1911.

North bet. secs. 13 and 18.

Over level land, through timber.

11.00 Wash, course NW., 20 lks. wide (water in holes).

17.00 Leave timber, brs. E. and W. Enter brush.

20.00 Set an iron post for 1/16 sec. cor. No. 12, bet. secs. 13 and 18 (S $\frac{1}{2}$), with cap stamped

1/16 S 13 in W. half
S 18 in E. half
No 12 in N.
1911 in S.

Dig pits 18x18x12 ins. N. and S. of post 3 ft. dist.; and raise a mound of earth 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor.

28.00 Leave brush; enter timber, brs. E. and W.

32.00 Wash, 20 lks. wide, course NW., water in holes.

40.00 Set an iron post for $\frac{1}{4}$ sec. cor. bet. secs. 13 and 18, with cap stamped

Resurvey of

West Boundary of T. 3 S., R. 3 E.

Chains

1/4 S 13 in W. half
S 18 in E. half
1911 in S.

Dig pits 18x18x12 ins. N. and S. of post 3 ft. dist.;
and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high,
W. of cor.

No B.T.s available.

(Diligent search was made for the old 1/4 sec. cor., but no
trace of same found).

50.00 Santa Cruz Dry Wash, 80 lks. wide, course NW.

58.00 Wash, 30 lks. wide, (running water) course W.

60.00 Set an iron post for 1/16 sec. cor. No. 6, bet. secs. 13
and 18, (N 1/2), with cap stamped

1/16 S 13 in W. half
S 18 in E. half
No 6 in N.
1911 in S.

No B.T.s available.

Dig pits 18x18x12 ins. N. and S. of post 3 ft. dist.;
and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high,
W. of cor.

80.00 Set an iron post for the cor. of secs. 7, 12, 13 and 18,
with cap stamped

T 3 S S 7 in NE. quadrant
R 3 E S 18 in SE. "
S 13 in SW. "
R 2 E S 12 in NW. "
1911 in S.
4 notches on S. and 2 notches on N. edge

No B.T.s available.

Dig pits 18x18x12 ins. in each sec. 5 1/2 ft. dist.; and
raise a mound of earth 4 ft. base, 2 ft. high, W. of
cor.

(No trace of old cor.)

Land, level.

Soil, alkali, 3rd rate.

Brush, greasewood and sage.

Timber, mesquite, 69.00 chs.

North bet. secs. 7 and 12.

Over level land, through timber.

2.00 Road, brs. NW. and SE.

6.00 Leave timber, brs. E. and W.
Thence through low brush.

20.00 Set an iron post for 1/16 sec. cor. No. 12, bet. secs. 7
and 12 (S 1/2), with cap stamped

1/16 S 12 in W. half
S 7 in E. half
No 12 in N.
1911 in S.

Resurvey of

West Boundary of T. 3 S., R. 3 E.

Chains

Dig pits 18x18x12 ins. N. and S. of post 3 ft. dist.; and raise a mound of earth 3½ ft. base, 1½ ft. high, W. of cor.

40.00 Set an iron post for ¼ sec. cor. bet. secs. 7 and 12, with cap stamped

¼ S 12 in W. half
S 7 in E. half
1911 in S.

Dig pits 18x18x12 ins. N. and S. of post 3 ft. dist.; and raise a mound of earth 3½ ft. base, 1½ ft. high, W. of cor.

(Diligent search was made for the old ¼ sec. cor., but no trace of same was found).

60.00 Set an iron post for 1/16 sec. cor. No. 6, bet. secs. 7 and 12, (N½), with cap stamped

1/16 S 12 in W. half
S 7 in E. half
No 6 in N.
1911 in S.

Dig pits 18x18x12 ins. N. and S. of post 3 ft. dist.; and raise a mound of earth 3½ ft. base, 1½ ft. high, W. of cor.

80.00 Set an iron post for the cor. of secs. 1, 6, 7 and 12, with cap stamped

T 3 S S 6 in NE. quadrant
R 3 E S 7 in SE. "
S 12 in SW. "
R 2 E S 1 in NW. "
1911 in S.

5 notches on S. and 1 notch on N. edge

Dig pits 18x18x12 ins. in each sec. 5½ ft. dist.; and raise a mound of earth 4 ft. base, 2 ft. high, W. of cor.

(After diligent search, no trace of the old cor. is found).

Land, level.
Soil, alkali, 3rd rate.
Brush, alkali bush and sage.

North bet. secs. 1 and 6.

Over level land, through brush.

10.00 Enter timber, brs. E. and W.

20.00 Set an iron post for the 1/16 sec. cor. No. 12, bet. secs. 1 and 6 (S.½) with cap stamped

1/16 S 1 in W. half
S 6 in E. half
No 12 in N.
1911 in S., from which

A mesquite 16 ins. dia. brs. S. 64½° W., 41 lks. dist.

Mkd. 1/16 S 1 B T.

A mesquite 24 ins. dia. brs. S. 22½° E., 44 lks. dist.

Mkd. 1/16 S 6 B T.

Resurvey of

West Boundary of T. 3 S., R. 3 E.

Chains	
40.00	<p>Set an iron post for $\frac{1}{4}$ sec. cor. bet. secs. 1 and 6, with cap stamped</p> <p style="padding-left: 40px;">$\frac{1}{4}$ S 1 in W. half S 6 in E. half 1911 in S.</p> <p>Dig pits 18x18x12 ins. N. and S. of post 3 ft. dist.; and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, W. of cor.</p> <p>(Diligent search was made for the old $\frac{1}{4}$ sec. cor., but no trace of same found).</p>
52.00	<p>Road, brs. NW. and SE.</p>
60.00	<p>Set an iron post for $\frac{1}{16}$ sec. cor. No. 6, bet. secs. 1 and 6 ($N\frac{1}{2}$), with cap stamped</p> <p style="padding-left: 40px;">$\frac{1}{16}$ S 1 in W. half S 6 in E. half No 6 in N. 1911 in S., from which</p> <p>A mesquite 8 ins. dia. brs. N. $37\frac{1}{4}^{\circ}$ E., 61 lks. dist. Mkd. $\frac{1}{16}$ S 6 B T.</p> <p>A mesquite 10 ins. dia. brs. S. 49° W., 45 lks. dist. Mkd. $\frac{1}{16}$ S 1 B T.</p>
62.00	<p>Leave timber, brs. E. and W.</p>
76.00	<p>Road, brs. NW. and SE.</p>
80.00	<p>Set an iron post 3 ft. long, 3 ins. dia., 26 ins. in the ground, for the cor. of Tps. 2 and 3 S., Rgs. 2 and 3 E., with cap stamped</p> <p style="padding-left: 40px;">T 2 S S 31 in NE. quadrant R 3 E S 6 in SE. " T 3 S S 1 in SW. " R 2 E S 36 in NW. " 1911 in S. 6 notches on N., E., S. and W. edges</p> <p>Dig pits 24x24x12 ins. in each hr line, N., E. and W., 4 ft., and S. of post 8 ft. dist.; and raise a mound of earth 5 ft. base, $2\frac{1}{2}$ ft. high, S. of cor.</p> <p>(Diligent search was made for the old tp. cor., but no trace of same found).</p>
	<p>Land, level. Soil, 2nd and 3rd rate. Brush, alkali bush, and sage. Timber, mesquite, 52.00 chs.</p> <p style="text-align: right;">April 26, 1911.</p> <hr style="border-top: 1px dashed black;"/>

Resurvey of
North Boundary of T. 3 S., R. 3 E.

Chains

Surveyed by R. A. Farmer, Topographer.

The iron posts used in this survey, unless otherwise described, are 3 ft. long, 1 inch dia., and are set 26 ins. in the ground.

April 27, 1911. At a point 3 lks. S. of the cor. of Tps. 2 and 3 S., Rgs. 2 and 3 E., at 5h 13m a.m., l.m.t., I observe Polaris at Eastern Elongation, in accordance with instructions in the Manual, and mark the point thus determined by a tack driven in a hub firmly set in the ground, about 5.00 chs. Northerly of my station.

At 6. a.m., I turn off the azimuth of Polaris 1° 23' to the west, and mark the meridian thus determined by a tack driven in a hub firmly set in the ground, west of the point previously set.

At this station (i.e., the point 3 lks. S. of the tp.cor.) I turn from the meridian, an angle of 89° 58' to the East, and run

N. 89° 58' E. on the secant, bet. Tps. 2 and 3 S., R. 3 E., making proper offsets from the secant to the Parallel, and setting temp. $\frac{1}{4}$ sec. cor. and sec. cor. at intervals of 40.00 chs., and at

478.50 Fall 45 lks. S. of the cor. of Tps. 2 and 3 S., Rgs. 3 and 4 E., as established by Guy P. Harrington, U. S. Surveyor, and described in notes of the N. bdy. of T. 3 S., R. 4 E.

This falling answers to a correction of 0° 3' or 7 lks. per mile, counting from the NW. cor. of the Tp., therefore, I run

S. 89° 57' W. on a true line bet. secs. 1 and 36, marking and blazing same.

Over level land, through brush.

20.00 Set an iron post for 1/16 sec. cor. No. 1, bet. secs. 1 and 36 ($\frac{1}{16}$), with cap stamped

1/16 S 36 No 1 in N. half
S 1 1911 in S. half

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise a mound of earth 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, N. of cor.

30.50 Indian brush corral 150 lks. sq., brs. S., 100 lks. dist.

31.50 Well, 40 ft. deep, (4 ft. of water) brs. S., 50 lks. dist.

35.00 Road, brs. NW. and SE.

40.00 Set an iron post for $\frac{1}{4}$ sec. cor. bet. secs. 1 and 36, with cap stamped

$\frac{1}{4}$ S 36 in N. half
S 1 1911 in S. half

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise a mound of earth 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, N. of cor.

Resurvey of
North Boundary of T. 3 S., R. 3 E.

Chains

(Diligent search was made for the old $\frac{1}{4}$ sec. cor., but no trace of same found).

46.50 Road, brs. N. and S.

60.00 Set an iron post for $\frac{1}{16}$ sec. cor. No. 2, bet. secs. 1 and 36 ($E\frac{1}{2}$), with cap stamped

$\frac{1}{16}$ S 36 No 2 in N. half
S 1 1911 in S. half

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, N. of cor.

68.50 Road, brs. NW. and SE.

80.00 Set an iron post for the cor. of secs. 1, 2, 35 and 36, with cap stamped

T 2 S S 36 in NE. quadrant
R 3 E S 1 in SE. "
T 3 S S 2 in SW. "
S 35 in NW. "

1911 in S.

1 notch on E. and 5 notches on W. edge

Dig pits 18x18x12 ins. in each sec. $5\frac{1}{2}$ ft. dist.; and raise a mound of earth 4 ft. base, 2 ft. high, W. of cor.

(Diligent search was made for the old cor.; no trace of same found).

Land, level.

Soil, 2nd rate.

Brush, mesquite and sage.

S. $89^{\circ} 57'$ W. on a true line bet. secs. 2 and 35.

Over level land, through brush.

20.00 Set an iron post for $\frac{1}{16}$ sec. cor. No. 1, bet. secs. 2 and 35 ($E\frac{1}{2}$), with cap stamped

$\frac{1}{16}$ S 35 No 1 in N. half
S 2 1911 in S. half

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, N. of cor.

40.00 Set an iron post for $\frac{1}{4}$ sec. cor. bet. secs. 2 and 35, with cap stamped

$\frac{1}{4}$ S 35 in N. half
S 2 1911 in S. half

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, N. of cor.

(Diligent search was made for the old $\frac{1}{4}$ sec. cor., but no trace of same found).

55.00 Road, brs. NW. and SE.

50.00 Set an iron post for $\frac{1}{16}$ sec. cor. No. 2, bet. secs. 2

Resurvey of
North Boundary of T. 3 S., R. 3 E.

Chains

and 35 ($W\frac{1}{2}$), with cap stamped

1/16 S 35 No 2 in N. half
S 2 1911 in S. half

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.;
and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high,
N. of cor.

80.00 Set an iron post for the cor. of secs. 2, 3, 34 and 35,
with cap stamped

T 2 S S 35 in NE. quadrant
R 3 E S 2 in SE. "
T 3 S S 3 in SW. "
S 34 in NW. "

1911 in S.
2 notches on E. and 4 notches on W. edge

Dig pits 18x18x12 ins. in each sec. $5\frac{1}{2}$ ft. dist.; and
raise a mound of earth 4 ft. base, 2 ft. high, W. of
cor.

(Diligent search was made for the old cor., but no trace
of same found).

Land, level.
Soil, sandy, 2nd rate.
Brush, mesquite and sage.

S. 89° 57' W. on a true line bet. secs. 3 and 34.

Over level land, through brush.

20.00 Set an iron post for 1/16 sec. cor. No. 1, bet. secs. 3
and 34 ($E\frac{1}{2}$), with cap stamped

1/16 S 34 No 1 in N. half
S 3 1911 in S. half

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.;
and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high,
N. of cor.

40.00 Set an iron post for $\frac{1}{4}$ sec. cor. bet. secs. 3 and 34,
with cap stamped

$\frac{1}{4}$ S 34 in N. half
S 3 1911 in S. half

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.;
and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high,
N. of cor.

(Diligent search was made for the old $\frac{1}{4}$ sec. cor., but no
trace of same found).

60.00 Set an iron post for 1/16 sec. cor. No. 2, bet. secs. 3 and
34 ($W\frac{1}{2}$), with cap stamped

1/16 S 34 No 2 in N. half
S 3 1911 in S. half

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.;
and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high,
N. of cor.

80.00 Set an iron post for the cor. of secs. 3, 4, 33 and 34,

Resurvey of
North Boundary of T. 3 S., R. 3 E.

Chains

with cap stamped

T 2 S S 34 in NE. quadrant
R 3 E S 3 in SE. "
T 3 S S 4 in SW. "
S 33 in NW. "
1911 in S.
3 notches on E. and W. edges

Dig pits 18x18x12 ins. in each sec. 5 $\frac{1}{2}$ ft. dist.; and raise a mound of earth 4 ft. base, 2 ft. high, W. of cor.

(Diligent search was made for the old cor., but no trace of same found).

Land, level.
Soil, sandy, 2nd rate.
Brush, mesquite and sage.

S. 89° 57' W. on a true line bet. secs. 4 and 33.

Over level land, through brush.

10.00 Road, brs. NE. and SW.

20.00 Set an iron post for 1/16 sec. cor. No. 1, bet. secs. 4 and 33 (E $\frac{1}{2}$), with cap stamped

1/16 S 33 No 1 in N. half
S 4 1911 in S. half

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise a mound of earth 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, N. of cor.

40.00 Set an iron post for $\frac{1}{4}$ sec. cor. bet. secs. 4 and 33, with cap stamped

$\frac{1}{4}$ S 33 in N. half
S 4 1911 in S. half

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise a mound of earth 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, N. of cor.

(Diligent search was made for the old $\frac{1}{4}$ sec. cor., but no trace of same found).

40.20 Well, 30 ft. deep, (8 ft. of water), brs. S. 50 lks. dist.

41.00 Indian hut, brs. N. 75 lks. dist.

57.00 Road, brs. NW. and SE.

60.00 Set an iron post for 1/16 sec. cor. No. 2, bet. secs. 4 and 33 (W $\frac{1}{2}$), with cap stamped

1/16 S 33 No 2 in N. half
S 4 1911 in S. half

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise a mound of earth 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, N. of cor.

80.00 Set an iron post for the cor. of secs. 4, 5, 32 and 33, with cap stamped

Resurvey of

North Boundary of T. 3 S., R. 3 E.

Chains

T 2 S S 33 in NE. quadrant
 R 3 E S 4 in SE. "
 T 3 S S 5 in SW. "
 S 32 in NW. "

1911 in S.
 4 notches on E. and 2 notches on W. edge

Dig pits 18x18x12 ins. in each sec. 5 1/2 ft. dist.; and raise a mound of earth 4 ft. base, 2 ft. high, W. of cor.

(Diligent search was made for the old cor., but no trace of same found).

Land, level.
 Soil, sandy, 2nd rate.
 Brush, sage and mesquite.

S. 89° 57' W. on a true line bet. secs. 5 and 32.

Over level land, through brush.

20.00 Set an iron post for 1/16 sec. cor. No. 1, bet. secs. 5 and 32 (E 1/2), with cap stamped

1/16 S 32 No 1 in N. half
 S 5 1911 in S. half

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high, N. of cor.

40.00 Set an iron post for 1/4 sec. cor. bet. secs. 5 and 32, with cap stamped

1/4 S 32 in N. half
 S 5 1911 in S. half

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist., and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high, N. of cor.

(Diligent search was made for the old 1/4 sec. cor., but no trace of same found).

46.00 Road, brs. NW. and SE.

56.00 Dry wash, 4 ft. deep, 30 lks. wide, course N. 60° W.

60.00 Set an iron post for 1/16 sec. cor. No. 2, bet. secs. 5 and 32 (W 1/2), with cap stamped

1/16 S 32 No 2 in N. half
 S 5 1911 in S. half

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high, N. of cor.

80.00 Set an iron post for the cor. of secs. 5, 6, 31 and 32, with cap stamped

T 2 S S 32 in NE. quadrant
 R 3 E S 5 in SE. "
 T 3 S S 6 in SW. "
 S 31 in NW. "

1911 in S.
 5 notches on E. and 1 notch on W. edge

Resurvey of

North Boundary of T. 3 S., R. 3 E.

Chains

Dig pits 18x18x12 ins. in each sec. 5 1/2 ft. dist.; and raise a mound of earth 4 ft. base, 2 ft. high, W. of cor.

(Diligent search was made for the old 1/4 sec. cor., but no trace of same found).

Land, level.
Soil, sandy, 2nd rate.
Brush, sage and mesquite.

S. 89° 57' W. on a true line bet. secs. 6 and 31,

Over level land, through brush.

5.70 Right bank of Gila River, course NW.; bank, 14 ft. high.

Set an iron post for M.C. of frac. secs. 6 and 31, with cap stamped

M C in W.
T 2 S S 31 in NE.
T 3 S R 3 E S 6 in SE.
1911 in S.
6 notches on N. and S. edges

Dig a pit 36x36x12 ins. 8 ft. E. of post; and raise a mound of earth 4 ft. base, 2 ft. high, E. of cor.

6.50 Foot of bank; enter bed of river (dry) 2 to 3 ft. deep, course NW.

20.00 Point for 1/16 sec. cor. No. 1, bet. secs. 6 and 31 (E 1/2) falls in river.

35.30 Leave Gila River bed. Ascend 8 ft. bank.

35.40 Left bank of Gila River, course N. 10° W.

Set an iron post for M.C. of frac. secs. 6 and 31, with cap stamped

M C in E.
T 3 S 6 in SW.
T 2 S R 3 E S 31 in NW.
1911 in S.
6 notches on N. and S. edges

Dig a pit 36x36x12 ins. 8ft. W. of post; and raise a mound of earth 4 ft. base, 2 ft. high, W. of cor.

Thence over low river bottom, subject to overflow, through dense arrow weed.

40.00 Set an iron post for the 1/4 sec. cor. bet. secs. 6 and 31, with cap stamped

1/4 S 31 in N. half
S 6 1911 in S. half

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high, N. of cor.

(Diligent search was made for the old 1/4 sec. cor., but no trace of same found).

Resurvey of

North Boundary of T. 3 S., R. 3 E.

Chains

56.00 Leave river bottom subject to overflow, brs. NW. and SE. Thence over level land, through sage and mesquite brush.

60.00 Set an iron post for 1/16 sec. cor. No. 2, bet. secs. 6 and 31 (W $\frac{1}{2}$), with cap stamped

1/16 S 31 No 2 in N. half
S 6 1911 in S. half

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise a mound of earth 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, N. of cor.

78.50 The cor. of Tps. 2 and 3 S., Rgs. 2 and 3 E., previously described.

Land, level, 28.20 chs.
Low river bottom, 20.60 chs. River bed, 28.80 chs.
Soil, sandy, 2nd rate.
Brush, mesquite and sage; dense arrow weed, 20.60 chs.

April 27, 1911.



Resurvey of

West Boundary of T. 2 S., R. 3 E.

Chains.

Surveyed by R. A. Farmer, Topographer.

Nov. 9, 1911. At camp in sec. 23, T.2 S.,R.2 E.,lat. 33°14'N. I observe Polaris at 7h 22m p.m., l.m.t., in accordance with instructions in the Manual, and mark the direction thus determined by a tack driven in a hub firmly set in the ground about 5.00 chs. northerly from my station.

Astron. l.m.t. of obs. Nov. 9 7h 22.0m
Equivalent to time of Nov. 8 31 22.0

Astron. l.m.t., U.C. Polaris, Nov. 8 (sub.) 10 20.3

Hour Angle of Polaris at obs. 21h 01.7m
Subtract from 23 56.1

Time argument 2h 54.4m

Azimuth of Polaris at observation 0°58' East.

Nov. 10, 1911. At 8h 00m. a.m., l.m.t., I lay off the azimuth of Polaris, 0°58' to the West, and mark the meridian thus determined by a tack driven in a hub firmly set in the ground, west of the point established last night.

On this meridian, I test my instrument, and find it to be correct.

Nov. 11, 1911. At 10.00 a.m., l.m.t., I set off 33°12' on the lat. arc, 17°14'S. on the decl. arc, and determine a meridian with the solar, at the cor. of Ts. 2 and 3 S., Rs. 2 and 3 E., previously described.

(The magnetic bearing of the meridian is N.14°00'W., which gives the magnetic decl. 14°00'E.)

Thence

North, bet. secs. 31 and 36.

Over level land, through brush.

20.00 Set an iron post for 1/16 sec. cor. No. 12, bet. secs. 31 and 36 (S 1/2), with cap stamped

1/16 S 36 in W. half
S 31 in E. half
No 12 in N.
1911 in S.

Dig pits 18x18x12 ins. N. and S. of post 3 ft. dist., and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high, W. of cor.

27.50 Enter timber, brs. NW. and SE. Leave sage brush.

40.00 Set an iron post for 1/4 sec. cor. bet. secs. 31 and 36, with cap stamped

1/4 S 36 in W. half
S 31 in E. half
1911. in S., from which

A mesquite 6 ins. dia. brs. N.57 1/4°E., 44 lks. dist.
Mkd. 1/4 S 31 B T.

A mesquite 7 ins. dia. brs. N.84 1/2°W., 40 lks. dist.
Mkd. 1/4 S 36 B T.

(Diligent search was made for the old 1/4 sec. cor., but no

Resurvey of

West Boundary of T. 2 S., R. 3 E.

Chains

trace of same found).

55.00 Leave timber, brs. NW. and SE.
Enter brush.

60.00 Set an iron post for 1/16 sec. cor. No. 6, bet. secs. 31
and 36 (N $\frac{1}{2}$), with cap stamped

1/16 S 36 in W. half
S 31 in E. half
No 6 in N.
1911 in S.

Dig pits 18x18x12 ins. N. and S. of post 3 ft. dist.;
and raise a mound of earth 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high,
W. of cor.

78.50 Left bank of Gila River, course N. 20° W.

Set an iron post for M.C. of frac. secs. 31 and 36, with
cap stamped

M C in N.
T 2 S R 2 E S 36 in SW.
R 3 E S 31 in SE.
1911 in S.
6 notches on E. and W. edges

Dig a pit 36x36x12 ins. S. of post; and raise a
mound of earth 4 ft. base, 2 ft. high, S. of cor.

79.00 Descend 15-ft. bank, and enter shallow channel of Gila
River, from 1 to 2 ft. deep, course NW.

80.00 Point for the cor. of secs. 25, 30, 31 and 36, falls in
Gila River.

Land, level, 78.50 chs.; river bed, 1.50 chs.
Soil, sandy, 1st rate.
Timber, mesquite 27.50 chs.; agricultural land, 78.50 chs.

North bet. secs. 25 and 30.

Over river bed.

20.00 Point for 1/16 sec. cor. No. 12, bet. secs. 25 and 30 (S $\frac{1}{2}$)
falls in river.

40.00 Point for $\frac{1}{4}$ sec. cor. bet. secs. 25 and 30, falls in river.

48.00 Right bank of Gila River, course W.; bank 8 ft. high.

Set an iron post for M.C. of frac. secs. 25 and 30, with
cap stamped

M C 1911 in S.
T 2 S R 3 E S 30 in NE.
R 2 E S 25 in NW
6 notches on E. and W. edges, from which

A mesquite 12 ins. dia. brs. N. 56 $\frac{1}{2}$ ° W., 52 lks. dist.
Mkd. T 2 S R 2 E S 25 M C B T.

(No other B.T. available).

Dig a pit 36x36x12 ins. S. of post; and raise a
mound of earth 4 ft. base, 2 ft. high, N. of cor.

Resurvey of

West Boundary of T. 2 S., R. 3 E.

Chains

Thence over level river bottom, through timber.

58.25 Irrigation ditch, 10 ft. wide, course NW.
Leave timber, brs. NW. and SE.; enter brush.

60.00 Set an iron post for 1/16 sec. cor. No. 6, bet. secs. 25
and 30 ($N\frac{1}{2}$), with cap stamped

1/16 S 25 in W. half
S 30 in E. half
No 6 in N.
1911 in S.

Dig pits 18x18x12 ins. N. and S. of post 3 ft. dist.;
and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high,
W. of cor.

65.10 Road, brs. NW. and SE.

68.00 Leave river bottom and ascend 10-foot bank bearing E. and
W. Thence over level land.

68.48 Road, brs. E. and W.

80.00 Set an iron post for the cor. of secs. 19, 24, 25 and 30,
with cap stamped

T 2 S S 19 in NE. quadrant
R 3 E S 30 in SE. "
S 25 in SW. "
R 2 E S 24 in NW. "
1911 in S.

4 notches on N. and 2 notches on S. edge

Dig pits 18x18x12 ins. in each sec. $5\frac{1}{2}$ ft. dist.; and
raise a mound of earth 4 ft. base, 2 ft. high, W. of
cor.

(Diligent search was made for the old cor., but no trace
of same found).

Land, river bed and channel, 48.00 chs.; river bottom,
20.00 chs.; level, 12.00 chs.

Soil, sandy, 1st rate.

Timber, mesquite, 10.25 chs.

Agricultural land, 80.00 chs.

North bet. secs. 19 and 24.

Over level land, through sage brush.

20.00 Set an iron post for 1/16 sec. cor. No. 12, bet. secs. 19
and 24 ($S\frac{1}{2}$), with cap stamped

1/16 S 24 in W. half
S 19 in E. half
No 12 in N.
1911 in S.

Dig pits 18x18x12 ins. N. and S. of post 3 ft. dist.;
and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high,
W. of cor.

40.00 Set an iron post for $\frac{1}{4}$ sec. cor. bet. secs. 19 and 24,
with cap stamped

$\frac{1}{4}$ S 24 in W. half
S 19 in E. half
1911 in S.

Resurvey of
West Boundary of T. 2 S., R. 3 E.

Chains

Dig pits 18x18x12 ins. N. and S. of post 3 ft. dist.;
and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high,
W. of cor.

(Diligent search was made for the old $\frac{1}{4}$ sec. cor., but no
trace of same found).

60.00 Set an iron post for 1/16 sec. cor. No. 6, bet. secs. 19
and 24 ($\frac{1}{2}$), with cap stamped

1/16 S 24 in W. half
S 19 in E. half
No 6 in N.
1911 in S.

Dig pits 18x18x12 ins. N. and S. of post 3 ft. dist.;
and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high,
W. of cor.

67.45 Dim road, brs. N. 80° W. and S. 80° E.

80.00 Set an iron post for the cor. of secs. 13, 18, 19 and 24,
with cap stamped

T 2 S S 18 in NE. quadrant
R 3 E S 19 in SE. "
S 24 in SW. "
R 2 E S 13 in NW. "
1911 in S.
3 notches on N. and S. edges

Dig pits 18x18x12 ins. in each sec. $5\frac{1}{2}$ ft. dist.; and
raise a mound of earth 4 ft. base, 2 ft. high, W. of
cor.

(Diligent search was made for the old cor., but no trace
of same found).

Land, level.

Soil, sandy, 1st rate.

Brush, low sage and mesquite.

(Agricultural land, 80.00 chs.)

Cloudy at Noon today; no observation for lat. Nov. 11, 1911.

North bet. secs. 13 and 18.

Over level land, through low sage and mesquite brush.

19.80 Road, brs. E. and W.

20.00 Set an iron post for 1/16 sec. cor. No. 12, bet. secs. 13
and 18 ($\frac{1}{2}$), with cap stamped

1/16 S 13 in W. half
S 18 in E. half
No 12 in N.
1911 in S.

Dig pits 18x18x12 ins. N. and S. of post 3 ft. dist.;
and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high,
W. of cor.

40.00 Set an iron post for the $\frac{1}{4}$ sec. cor. bet. secs. 13 and 18,
with cap stamped

$\frac{1}{4}$ S 13 in W. half

Resurvey of

West Boundary of T. 2 S., R. 3 E.

Chains

S 18 in E. half
1911 in S.

Dig pits 18x18x12 ins. N. and S. of post 3 ft. dist.;
and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high,
W. of cor.

(Diligent search was made for the old $\frac{1}{4}$ sec. cor., but no
trace of same found).

54.25 Road, brs. NW. and SE.

60.00 Set an iron post for $1/16$ sec. cor. No. 6, bet. secs. 13
and 18 ($N\frac{1}{2}$), with cap stamped

$1/16$ S 13 in W. half
S 18 in E. half
No 6 in N.
1911 in S.

Dig pits 18x18x12 ins. N. and S. of post 3 ft. dist.;
and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high,
W. of cor.

78.10 Dim road, brs. NW. and SE.

80.00 Set an iron post for the cor. of secs. 7, 12, 13 and 18,
with cap stamped

T 2 S S 7 in NE. quadrant
R 3 E S 18 in SE. "
S 13 in SW. "
R 2 E S 12 in NW. "
1911 in S.

4 notches on S. and 2 notches on N. edge

Dig pits 18x18x12 ins. in each sec. $5\frac{1}{2}$ ft. dist.; and
raise a mound of earth 4 ft. base, 2 ft. high, W. of
cor.

(Diligent search was made for the old cor., but no trace
of same found).

Land, level.

Soil, sandy, 1st rate.

Brush, low sage and mesquite.

(Agricultural land, 80.00 chs.)

Nov. 11, 1911.

Nov. 13, 1911. At 8.00 a.m., l.m.t., I set off $33^{\circ} 16'$
on the lat. arc, $17^{\circ} 45'$ S. on the decl. arc, and
determine a meridian with the solar, at the cor. of
secs. 7, 12, 13 and 18.

Thence I run

North bet. secs. 7 and 12.

Over level land, through low sage and mesquite brush.

1.50 Road, brs. N. 30° W. and S. 30° E.

5.00 Enter scattered timber, brs. E. and W.

20.00 Set an iron post for $1/16$ sec. cor. No. 12, bet. secs. 7
and 12 ($S\frac{1}{2}$) with cap stamped

Resurvey of

West Boundary of T. 2 S., R. 3 E.

Chains

1/16 S 12 in W. half
 S 7 in E. half
 No 12 in N.
 1911 in S.

(No B.T.s available).

Dig pits 18x18x12 ins. N. and S. of post 3 ft. dist.; and raise a mound of earth 3½ ft. base, 1½ ft. high, W. of cor.

24.00 Leave scattered timber, brs. E. and W.

40.00 Set an iron post for ¼ sec. cor. bet. secs. 7 and 12, with cap stamped

¼ S 12 in W. half
 S 7 in E. half
 1911 in S.

Dig pits 18x18x12 ins. N. and S. of post 3 ft. dist.; and raise a mound of earth 3½ ft. base, 1½ ft. high, W. of cor.

(Diligent search for the old ¼ sec. cor. was made, but no trace of same found).

60.00 Set an iron post for 1/16 sec. cor. No. 6, bet. secs. 7 and 12 (N½), with cap stamped

1/16 S 12 in W. half
 S 7 in E. half
 No 6 in N.
 1911 in S.

Dig pits 18x18x12 ins. N. and S. of post 3 ft. dist.; and raise a mound of earth 3½ ft. base, 1½ ft. high, W. of cor.

80.00 Set an iron post for the cor. of secs. 1, 6, 7 and 12, with cap stamped

T 2 S 6 in NE. quadrant
 R 3 E 7 in SE. "
 S 12 in SW. "
 R 2 E 1 in NW. "
 1911 in S.

5 notches on S. and 1 notch on N. edge

Dig pits 18x18x12 ins. in each sec. 5½ ft. dist.; and raise a mound of earth 4 ft. base, 2 ft. high, W. of cor.

(Diligent search was made for the old cor., but no trace of same found).

Land, level.

Soil, sandy, 1st rate.

Scattered timber, 19.00 chs. mesquite.

Brush, low sage and mesquite.

(Agricultural land, 80.00 chs.).

 North bet. secs. 1 and 6.

Over level land, through low sage and mesquite brush.

17.40 Dry wash, 10 lks. wide, course W.

Resurvey of
West Boundary of T. 2 S., R. 3 E.

Chains

20.00 Set an iron post for 1/16 sec. cor. No. 12, bet. secs. 1 and 6 (S $\frac{1}{2}$), with cap stamped

1/16 S 1 in W. half
S 6 in E. half
No 12 in N.
1911 in S.

Dig pits 18x18x12 ins. N. and S. of post 3 ft. dist.; and raise a mound of earth 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor.

30.00 Leave low sage and mesquite brush; and enter greasewood and cactus, brs. E. and W.

40.00 Set an iron post for $\frac{1}{4}$ sec. cor. bet. secs. 1 and 6, with cap stamped

$\frac{1}{4}$ S 1 in W. half
S 6 in E. half
1911 in S.

Dig pits 18x18x12 ins. N. and S. of post 3 ft. dist.; and raise a mound of earth 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor.

(Diligent search was made for the old $\frac{1}{4}$ sec. cor., but no trace of same found).

60.00 Set an iron post for 1/16 sec. cor. No. 6, bet. secs. 1 and 6 (N $\frac{1}{2}$), with cap stamped

1/16 S 1 in W. half
S 6 in E. half
No 6 in N.
1911 in S.

Dig pits 18x18x12 ins. N. and S. of post 3 ft. dist.; and raise a mound of earth 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor.

65.00 Dry wash, 20 lks. wide, course S. 70° W.

73.25 Intersect the N. bdy. of the Gila River Indian Reservation at a point from which the old cor. of Tps. 1 and 2 S., Rgs. 2 and 3 E. brs. S. 89° 56' W., 7.00 chs. dist.

Set an iron post 3 ft. long, 3 ins. dia., 26 ins. in the ground, for closing cor. of T. 2 S., Rgs. 2 and 3 E., with cap stamped

C C 1911 in S.
T 2 S R 2 E S 1 in SW.
R 3 E S 6 in SE.
6 notches on E., S. and W. edges

Build a mound of stone 2 ft. base, 1 $\frac{1}{2}$ ft. high, S. of cor.

Land, level.

Soil, sandy, 1st rate for first 30.00 chs.; rocky, 3rd rate for last 43.25 chs.

Brush, low sage and mesquite, 30.00 chs.; greasewood and cactus, 43.25 chs.

(Agricultural land, 73.25 chs.).

Nov. 13, 1911.

Resurvey of the South Boundary of T. 1 S., R. 3 E.

being a part of the N. bdy. of Gila River Indian Reservation.

Chains

Surveyed by R. A. Farmer, Topographer.

The iron posts used in this survey, unless otherwise described, are 3 ft. long, 1 inch in diameter, and are set 26 ins. in the ground.

Nov. 18, 1911.

I begin at the old cor. of Tps. 1 and 2 S., Rgs. 3 and 4 E., which is a mesquite post 4 ins. in dia., marked and witnessed as described in notes of Guy P. Harrington, U. S. Surveyor.

North of and alongside this old post, I set an iron post 3 ft. long, 3 ins. dia., 26 ins. in the ground, for W.C. to the cor. of Tps. 1 S., - - - Rgs. 3 and 4 E., with cap stamped

T 1 S R 4 E S 31 in NE. quadrant
R 3 E S 36 in NW.
W C 1911 in S.
6 notches on N., E., - and W. edge,

from which

A mesquite 4 ins. dia. brs. N. $10\frac{1}{2}^{\circ}$ W., 58 lks. dist.
Mkd. T 1 S R 3 E S 36 B T.

At 8 a.m., l.m.t., I set off $33^{\circ} 17'$ on the lat. arc, $19^{\circ} 03'$ S. on the decl. arc, and determine a meridian with the solar, at the above described corner.

Thence I run

West on a random line on the S. bdy. of sec. 36, along the reservation boundary.

40.01 Falls 7 lks. N. of the old $\frac{1}{4}$ sec. cor. bet. secs. 1 and 36.

Returning to the cor. of Tps. 1 South, Rgs. 3 and 4 E., thence I run

S. $89^{\circ} 54'$ W. on a true line on the S. bdy. of sec. 36, along the reservation boundary.

Over level land, through low sage and greasewood brush.

0.23 A U.S.G.S. bench mark, which is an iron post 4 ins. dia., stamped 1168, brs. N., 22 lks. dist.

8.20 Road, brs. N. and S.

10.10 Road, brs. N. and S.

11.30 Dry wash, 10 lks. wide, course S.

40.01 The old $\frac{1}{4}$ sec. cor. bet. secs. 1 and 36, which is a mesquite post 3 ins. dia., 18 ins. above ground, well set, and marked $\frac{1}{4}$ S 36 on N. face and S 1 on S. face.
I destroy the markings on the S. face, and set an iron

Resurvey of the South Boundary of T. 1 S., R. 3 E.

being a part of the N. bdy. of Gila River Indian Reservation

Chains

post north and alongside, for W.C. to the 1/4 sec. cor., with cap stamped

1/4 S 36 in N. half
G R I R W C 1911 in S. half

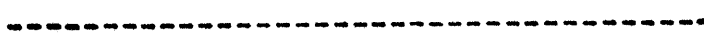
Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high, N. of cor.

Land, level. (Agricultural, 40.00 chs.)

Soil, sandy, 1st rate.

Brush, low greasewood and sage.

A few scattered trees along this line.



West on a random line along the S. bdy. of sec. 36 (W 1/2), on the reservation bdy.

40.00 Falls 7 lks. N. of the cor. of secs. 1, 2, 35 and 36.

Returning to the 1/4 sec. cor. of sec. 36, thence I run S. 89° 54' W. on a true line on the S. bdy. of sec. 36 (W 1/2), along the reservation boundary.

Over level land, through low greasewood brush and scattered timber.

9.30 Road, brs. NE. and SW.

40.00 The cor. of secs. 1, 2, 35 and 36, which is a malpais stone 4x4x4 ins. above ground, well set and marked with 1 notch on E. and 5 notches on W. face. North of and alongside, I set an iron post for W.C. to the cor. of secs. 35 and 36, with cap stamped

T 1 S S 36 in NE.
R 3 E S 35 in NW.
G R I R W C 1911 in S., from which

An ironwood 12 ins. dia. brs. N. 46° E., 322 lks. dist. Mkd. T 1 S R 3 E S 36 B T.

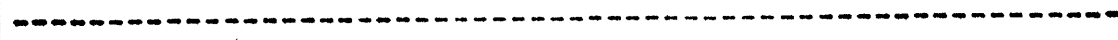
Dig pits 24x24x12 ins. NE. and NW. of post 6 ft. dist.; and raise a mound of earth 4 ft. base, 2 ft. high, N. of cor.

Land, level. (Agricultural, 40.00 chs.)

Soil, sandy, 1st rate.

Brush, greasewood.

A few scattered trees along this line.



West on a random line on the S. bdy. of sec. 35, along the reservation bdy.

40.04 Falls 10 lks. N. of the 1/4 sec. cor. bet. secs. 2 and 35.

Returning to the cor. of secs. 35 and 36, thence I run

S. 89° 51' W. on a true line on the S. bdy. of sec. 35 (E 1/2) along the reservation bdy.

Over level land, through greasewood brush and scattered timber.

Resurvey of the South Boundary of T. 1 S., R. 3 E.,

being a part of the N. bdy. of Gila River Indian Reservation

Chains

9.00 Dry wash, 10 lks. wide, course S.

40.04 The $\frac{1}{4}$ sec. cor. bet. secs. 2 and 35, which is a palo verde post 3 ins. dia., 12 ins. above ground, well set and marked $\frac{1}{4}$ S 35 on N. face, S 2 on S. face. I destroy the markings on the S. face, and north and alongside, set an iron post for W.C. to the $\frac{1}{4}$ sec. cor. of sec. 35, with cap stamped

$\frac{1}{4}$ S 35 in N. half
G R I R W C 1911 in S. half

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, N. of cor.

Land, level. (Agricultural, 40.04 chs.)
Soil, sandy, 1st rate.
Brush, greasewood.
A few scattered trees along this line.

West on a random line along the S. bdy. of sec. 35 ($W\frac{1}{2}$), on the reservation bdy.

40.00 Falls 4 lks. S. of the cor. of secs. 2, 3, 34 and 35.

Returning to the $\frac{1}{4}$ sec. cor. of sec. 35, thence I run

N. $89^{\circ} 57'$ W. on a true line on the S. bdy. of sec. 35 ($W\frac{1}{2}$) along the reservation bdy.

Over level land, through greasewood brush and scattered timber.

32.00 Dry wash, 12 lks. wide, course S.

40.00 The old cor. of secs. 2, 3, 34 and 35, which is a mesquite post 5 ins. dia., 18 ins. above ground, well set and marked R 3 E S 2 on SE., T 2 S S 3 on SW., R 3 E S 34 on NW., and T 1 S S 35 on NE. faces. I destroy all the markings relating to secs. south of the line; and north of and alongside set an iron post for W.C. to the cor. of secs. 34 and 35, with cap stamped

T 1 S S 35 in NE.
R 3 E S 34 in NW.
G R I R W C 1911 in S.

Dig pits 24x24x12 ins. NE. and NW. of post 6 ft. dist.; and raise a mound of earth 4 ft. base, 2 ft. high, N. of cor.

Land, level. (Agricultural).
Soil, sandy, 1st rate.
Brush, greasewood.
A few scattered trees along this line.

West on a random line along the S. bdy. of sec. 34 ($E\frac{1}{2}$), on the reservation bdy.

40.04 Falls 4 lks. S. of the old $\frac{1}{4}$ sec. cor. bet. secs. 3 and 34.

Returning to the cor. of secs. 34 and 35, thence I run

Resurvey of the South Boundary of T. 1 S., R. 3 E.

being a part of the N. bdy. of Gila River Indian Reservation.

Chains

N. 89° 57' W. on a true line on the S. bdy. of sec. 34 (E $\frac{1}{2}$), along the reservation bdy.

Over level land, through brush and scattered timber.

24.60 Road, brs. NE. and SW.

28.00 Begin ascent of spur of ridge, brs. N. and S.

30.30 Top of ascent. Spur from ridge, brs. N. and S. Begin descent.

34.00 Foot of descent. Dry wash, 15 lks. wide, course S. Begin ascent, over rocky land.

40.04 The old $\frac{1}{4}$ sec. cor. bet. secs. 3 and 34, which is a malpais stone 4x8x5 ins. above ground, well set, and marked $\frac{1}{4}$ on N. face. North of and alongside I set an iron post for W.C. to the $\frac{1}{4}$ sec. cor. of sec. 34, with cap stamped

$\frac{1}{4}$ S 34 in N. half
G R I R W C 1911 in S. half

Build a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, N. of cor.

Land, level, 28.00 chs.; hilly, 12.04 chs.
Soil, 1st rate, 28.00 chs. rocky, 3rd rate, 12.04 chs.
Brush, greasewood.
A few scattered trees along this line.
(Agricultural land, 28.00 chs.; grazing land, 12.04 chs.)

Nov. 18, 1911. At the above $\frac{1}{4}$ sec. cor. on the S. bdy. of sec. 34, I set off 19° 07' S. on the decl. arc, and at 11h 45m 08s a.m., l.m.t., observe the sun on the meridian; the resulting lat. is 33° 17', which is within one minute of the proper lat.

West on a random line along the S. bdy. of sec. 34 (W $\frac{1}{2}$), on the reservation bdy.

40.00 Intersect the old cor. of secs. 3, 4, 33 and 34.

Returning to the $\frac{1}{4}$ sec. cor. on the S. bdy. of sec. 34, thence I run

West on a true line on the S. bdy. of sec. 34 (W $\frac{1}{2}$), along the reservation bdy.

Ascending, through brush and scattered timber.

1.25 Top of ascent. Ridge, brs. N. and S. Begin descent.

4.00 Foot of descent, brs. N. 10° W. and S. 10° E. Thence over level land.

40.00 The old cor. of secs. 3, 4, 33 and 34, which is a malpais stone, 4x8x4 ins. above ground, well set, and marked with 3 notches on E. and 3 notches on W. faces. North of and alongside the stone, I set an iron post for W.C. to the cor. of secs. 33 and 34, with cap stamped

T 1 S S 34 in NE.
R 3 E S 33 in NW.
G R I R W C 1911 in S.

Resurvey of the South Boundary of T. 1 S., R. 3 E.

being a part of the N. bdy. of Gila River Indian Reservation

Chains

Dig pits 24x24x12 ins. NE. and NW. of post 6 ft. dist.; and raise a mound of earth 4 ft. base, 2 ft. high, N. of cor.

Land, hilly, 36.00 chs.; level, 4.00 chs.
Soil, rocky, 3rd rate.
Brush, greasewood.
A few scattered trees along this line.
(Grazing land, 40.00 chs.)

West on a random line along the S. bdy. of sec. 33 ($E\frac{1}{2}$), on the reservation bdy.

39.82 Falls 1 lk. N. of the old $\frac{1}{4}$ sec. cor. bet. secs. 4 and 33.

Returning to the cor. of secs. 33 and 34, thence I run S. $89^{\circ} 59'$ W. on a true line on the S. bdy. of sec. 33 ($E\frac{1}{2}$), along the reservation bdy.

Over level land, through brush and scattered timber.

9.00 Dry wash, 15 lks. wide, course S. 10° E.

20.00 Begin ascent, brs. N. and S.

26.00 Top of ascent. Ridge, brs. N. and S.
Begin descent.

30.00 Foot of descent, brs. N. and S.
Thence over level land.

39.82 The $\frac{1}{4}$ sec. cor. bet. secs. 4 and 33, which is a limestone 8x4x6 ins., above ground, well set and marked $\frac{1}{4}$ on N. face. North of and alongside the stone, I set an iron post for W.C. to the $\frac{1}{4}$ sec. cor. of sec. 33, with cap stamped

$\frac{1}{4}$ S 33 in N. half
G R I R W C 1911 in S. half

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, N. of cor.

Land, level, 29.82 chs.; rough and hilly, 10.00 chs.
Soil, rocky, 3rd rate.
Brush, greasewood and cactus.
A few scattered trees along this line.
(Grazing land, 39.82 chs.)

West on a random line on the S. bdy. of sec. 33 ($W\frac{1}{2}$) along the reservation bdy.

39.87 Falls 5 lks. N. of the old cor. of secs. 4, 5, 32 and 33.

Returning to the $\frac{1}{4}$ sec. cor. on the S. bdy. of sec. 33, thence I run

S. $89^{\circ} 56'$ W. on a true line on the S. bdy. of sec. 33 ($W\frac{1}{2}$) along the reservation bdy.

Over level land, through brush and scattered timber.

Resurvey of the South Boundary of T. 1 S., R. 3 E.

being a part of the N. bdy. of Gila River Indian Reservation

Chains

24.50 Arroyo, 10 ft. deep, course S. 10° W.
Begin ascent.

20.00 Top of ascent. Ridge, brs. N. and S. Begin descent.

35.70 Foot of descent, brs. NW. and SE.
Dry wash, 10 lks. wide, course SE. Begin ascent.

39.87 The cor. of secs. 4, 5, 32 and 33, which is a malpais
stone, 5x6x6 ins., mkd. 4 notches on E. and 2 notches on
W.
North of and alongside the stone, I set an iron post for
W.C. to the cor. of secs. 32 and 33, with cap stamped

T 1 S 33 in NE.
R 3 E 32 in NW.
G R I R W C 1911 in S., from which

A palo verde 4 ins. dia. brs. N. 7° E., 74 lks. dist.
Mkd. T 1 S R 3 E S 33 B T.
A palo verde 6 ins. dia. brs. N. 37° W., 246 lks. dist.
Mkd. T 1 S R 3 E S 32 B T.

Land, level, 24.50 chs.; mountainous 15.37 chs.
Soil, rocky, 3rd and 4th rate.
Scattered palo verde and ironwood timber, 39.87 chs.
Brush, greasewood and cactus.
(Grazing land).

Nov. 20, 1911. At 8.00 a.m., l.m.t., I set off 33° 17'
on the lat. arc, 19° 30' S. on the decl. arc, and deter-
mine a meridian with the solar, at the cor. of secs. 32
and 33.

Thence I run

West on a random line on the S. bdy. of sec. 32 (E½) along
the reservation bdy.

40.00 Falls 9 lks. N. of the old ¼ sec. cor. bet. secs. 5 and 32.

Returning to the cor. of secs. 32 and 33, thence I run
S. 89° 52' W. on a true line on the S. bdy. of sec. 33,
(E½), along the reservation bdy.

Ascending over mountainous land.

0.15 Top of ascent of high narrow ridge, brs. N. 10° W. and
S. 10° E. Begin descent.

10.00 Foot of descent, brs. NE. and SW.
Dry wash, 30 lks. wide, course SW. Begin ascent.

15.00 Top of ascent. Ridge, brs. N. 50° E. and S. 50° W.
Begin descent.

20.00 Foot of descent. Arroyo 20 ft. deep, course SW.
Begin ascent, brs. NE. and SW.

21.00 Arroyo, 10 ft. deep, course S.

32.75 Enter arroyo, from W., course SE.

33.20 Leave arroyo, from NW. course E.
Begin steep ascent.

Resurvey of the South Boundary of T. 1 S., R. 3 E.

being a part of the N. bdy. of Gila River Indian Reservation

Chains	
37.90	Top of ascent. Ridge, brs. N. and S. Begin descent.
40.00	<p>The $\frac{1}{4}$ sec. cor. bet. secs. 5 and 32, which is a malpais stone, 6x8x4 ins. above ground, well set and marked $\frac{1}{4}$ on N. face.</p> <p>North of and alongside the stone, I set an iron post for W.C. to the $\frac{1}{4}$ sec. cor. of sec. 32, with cap stamped</p> <p style="text-align: center;">$\frac{1}{4}$ S 32 in N. half G R I R W C 1911 in S. half</p> <p>Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, N. of cor.</p> <p>Land, mountainous. (Grazing). Soil, rocky, 4th rate. Scattered timber. Brush, greasewood and cactus.</p> <p style="text-align: center;">-----</p>
40.00	West on a random line on the S. bdy. of sec. 32 ($W\frac{1}{2}$), along the reservation bdy.
40.00	Falls 12 lks. N. of the old cor. of secs. 5, 6, 31 and 32.
40.00	<p>Returning to the $\frac{1}{4}$ sec. cor. on the S. bdy. of sec. 32, thence I run</p> <p>S. $89^{\circ} 50'$ W. on a true line on the S. bdy. of sec. 32 ($W\frac{1}{2}$) along the reservation bdy.</p> <p>Over mountainous land, through scattered timber and brush, descending.</p>
3.00	Foot of descent, brs. NW. and SE. Dry wash, 10 lks. wide, course SE. Begin ascent.
8.00	Top of ascent. Ridge, brs. NW. and SE. Begin descent.
11.50	Foot of descent, brs. NW. and SE. Thence over level land.
18.50	Arroyo, 15 ft. deep, course S.
31.00	Dry wash, 50 lks. wide, course S.
34.50	Road, brs. N. and S.
38.30	Dry wash, 100 lks. wide, course S.
40.00	<p>The cor. of secs. 5, 6, 31 and 32, which is a granite stone, 5x6x6 ins. above ground, well set and marked with 1 notch on E. and 5 notches on W. edge.</p> <p>North of and alongside this stone, I set an iron post for W.C. to the cor. of secs. 31 and 32, with cap stamped</p> <p style="text-align: center;">T 1 S S 32 in NE. R 3 E S 31 in NW. G R I R W C 1911 in S., from which</p> <p>An ironwood 8 ins. dia. brs. N. $68\frac{1}{2}^{\circ}$ E., 144 lks. dist. Mkd. T 1 S R 3 E S 32 B T.</p> <p>A palo verde 8 ins. dia. brs. N. $21\frac{1}{2}^{\circ}$ W., 268 lks. dist. Mkd. T 1 S R 3 E S 31 B T.</p>

Resurvey of the South Boundary of T. 1 S., R. 3 E.

being a part of the N. bdy. of Gila River Indian Reservation

Chains

Land, level, 38.50 chs.; mountainous, 11.50 chs.
Soil, rocky, 3rd rate.
Scattered palo verde and ironwood timber.
Brush, greasewood and cactus.
(Grazing land, 40.00 chs.)

West on a random line along S. bdy. of sec. 31 ($E\frac{1}{2}$) on the reservation bdy.

40.04 Falls 4 lks. N. of the $\frac{1}{4}$ sec. cor. bet. secs. 6 and 31,

Returning to the cor. of secs. 31 and 32, thence I run
S. $89^{\circ} 57' W.$ on a true line on the S. bdy. of sec. 31
($E\frac{1}{2}$), along the reservation bdy.

Over level land, through scattered timber and brush.

6.70 Dry wash, 20 lks. wide, course S. $20^{\circ} W.$

24.50 Begin ascent, brs. NE. and SW.

29.30 Top of ascent. Ridge, brs. NE. and SW. Begin descent.

35.00 Foot of descent, brs. NE. and SW.
Thence over level land.

36.50 Dry wash, 30 lks. wide, course SW.

40.04 The $\frac{1}{4}$ sec. cor. bet. secs. 6 and 31, which is a granite
stone 4x4x6 ins. above ground, well set and marked $\frac{1}{4}$
on N. face. North of and alongside the stone, I
set an iron post for W.C. to the $\frac{1}{4}$ sec. cor. of sec. 31,
with cap stamped

$\frac{1}{4}$ S 31 in N. half
G R I R W C 1911 in S. half

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.;
and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high,
N. of cor.

Land, level, 29.04 chs.; rocky ridge, 11.00 chs.
Soil, rocky, 3rd rate.
Scattered palo verde and ironwood timber.
Brush, greasewood and cactus.
(Grazing land, 40.04 chs.)

West on a random line along the S. bdy. of sec. 31 ($W\frac{1}{2}$),
on the reservation bdy.

38.03 Falls 5 lks. N. of the old cor. of Tps. 1 and 2 S., Rgs.
2 and 3 E.

Returning to the $\frac{1}{4}$ sec. cor. of sec. 31, thence I run
S. $89^{\circ} 56' W.$ on a true line on the S. bdy. of sec. 31
($W\frac{1}{2}$), along the reservation bdy.

Over level land, through brush. Leave timber at cor.
bearing NE. and SW.

6.00 Dry wash, 15 lks. wide, course S.

Resurvey of the South Boundary of T. 1 S., R. 3 E.

being a part of the N. bdy. of Gila River Indian Reservation

Chains

26.40 Dry wash, 40 lks. wide, course S. 10° W.

34.20 Dry wash, 20 lks. wide, course S.

31.03 The C.C. of T. 2 S., Rgs. 2 and 3 E.

38.03 The old cor. of Tps. 1 and 2 S., Rgs. 2 and 3 E., which is a malpais stone 6x6x6 ins. above ground, well set and marked T 1 S on NE., R 3 E on SE., T 2 S. on SW. and R. 2 E. on NW., 6 notches on N., E., S. and W. cors. I destroy all markings relating to secs. to the south; and north of and alongside the stone I set an iron post 3 ft. long, 3 ins. dia., 26 ins. in the ground, for W.C. to the cor. of T. 1 S., Rgs. 2 and 3 E., with cap stamped

T 1 S R 3 E S 31 in NE.
R 2 E S 36 in NW.
G R I R W C 1911 in S.

Dig pits 30x24x12 ins. NE. and NW. of post 6 ft. dist.; and raise a mound of earth 5 ft. base, 2½ ft. high, N. of cor.

Land, level. (Grazing).
Soil, rocky, 3rd rate.
Brush, greasewood and cactus.
A few scattered palo verde and ironwood trees along this line.

Nov. 20, 1911.

After completing the subdivision of T. 2 S., R. 3 E., I find it necessary to establish ¼ and 1/16 sec. cors. on the S. bdy. of T. 1 S., R. 3 E., which will refer to T. 2 S., R. 3 E. only.

From the closing cor. of secs. 5 and 6, T. 2 S., R. 3 E., previously described (in subdivision notes of T. 2 S., R. 3 E.), I run

S. 89° 57' W. on a true line along the N. bdy. of sec. 6, on the reservation boundary.

6.88 The cor. of secs. 31 and 32, T. 1 S., R. 3 E.

40.00 Set an iron post for ¼ sec. cor. on N. bdy. of sec. 6, with cap stamped

¼ S 6 G R I R 1911 in S.

Build a mound of stone 2 ft. base, 1½ ft. high, S. of cor.

46.92 The ¼ sec. cor. on the S. bdy. of sec. 31, T. 1 S., R. 3 E.

Thence S. 89° 56' W. on a true line along the N. bdy. of sec. 6, continuing measurement.

77.95 The C.C. of secs. 1 and 6, T. 2 S., Rgs. 2 and 3 E.

Dec. 15, 1911.

Resurvey of the South Boundary of T. 1 S., R. 3 E.

being a part of the N. bdy. of Gila River Indian Reservation

Chains

From the C.C. of secs. 5 and 6, T. 2 S., R. 3 E., I run N. 89° 50' E. on a true line along the N. bdy. of sec. 5, on the reservation bdy.

33.12 The 1/4 sec. cor. of sec. 32, T. 1 S., R. 3 E.

Thence N. 89° 52' E. on a true line along the N. bdy. of sec. 5, continuing measurement.

40.06 Set an iron post for 1/4 sec. cor. of N. bdy. of sec. 5, with cap stamped

1/4 S 5 G R I R 1911 in S.

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high, S. of cor.

73.12 The cor. of secs. 32 and 33, T. 1 S., R. 3 E., previously described.

80.12 The C.C. of secs. 4 and 5, T. 2 S., R. 3 E., previously described in notes of subdivision of T. 2 S., R. 3 E.

Dec. 12, 1911.

From the C.C. of secs. 4 and 5, T. 2 S., R. 3 E., I run N. 89° 56' E. on a true line along the N. bdy. of sec. 4, on the reservation boundary.

32.87 The 1/4 sec. cor. of sec. 33, T. 1 S., R. 3 E., previously described.

Thence N. 89° 59' E. on true line, continuing measurement.

40.02 Set an iron post for 1/4 sec. cor. on N. bdy. of sec. 4, with cap stamped

1/4 S 4 G R I R 1911 in S.

Build a mound of stone 2 ft. base, 1 1/2 ft. high, S. of cor.

72.69 The cor. of secs. 33 and 34, T. 1 S., R. 3 E., previously described.

80.04 The C.C. of secs. 3 and 4, T. 2 S., R. 3 E., previously described in notes of subdivision of T. 2 S., R. 3 E.

Dec. 9, 1911.

From the C.C. of secs. 3 and 4, T. 2 S., R. 3 E., I run East on a true line along the N. bdy. of sec. 3, on the reservation boundary.

20.00 Set an iron post for 1/16 sec. cor. No. 2, on the N. bdy. of sec. 3 (W 1/2), with cap stamped

1/16 S 3 No 2 G R I R 1911 in S.

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high, S. of cor.

32.65 The 1/4 sec. cor. of sec. 34, T. 1 S., R. 3 E., previously described.

Resurvey of the South Boundary of T. 1 S., R. 3 E.

being a part of the N. bdy. of the Gila River Indian Reservation

Chains

Thence S. 89° 57' E. on a true line along the N. bdy. of sec. 3, continuing measurement.

40.00 Set an iron post for the 1/4 sec. cor. on the N. bdy. of sec. 3, with cap stamped

1/4 S 3 G R I R 1911 in S., from which

A palo verde 14 ins. dia. brs. S. 32 1/4° E., 176 lks. dist.

Mkd. 1/4 S 3 B T.

An ironwood 8 ins. dia. brs. S. 44 1/2° W., 85 lks. dist.

Mkd. 1/4 S 3 B T.

60.00 Set an iron post for 1/16 sec. cor. No. 1, on the N. bdy. of sec. 3 (E 1/2), with cap stamped

1/16 S 3 No 1 G R I R 1911 in S.

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high, S. of cor.

72.69 The cor. of secs. 34 and 35, T. 1 S., R. 3 E., previously described.

80.00 The C.C. of secs. 2 and 3, T. 2 S., R. 3 E., previously described in subdivision notes of T. 2 S., R. 3 E.

Dec. 7, 1911.

From the C.C. of secs. 2 and 3, T. 2 S., R. 3 E., I run S. 89° 57' E. on a true line along the N. bdy. of sec. 2, on the reservation boundary.

19.98 Set an iron post for 1/16 sec. cor. No. 2, on the N. bdy. of sec. 2 (W 1/2), with cap stamped

1/16 S 2 No 2 G R I R 1911 in S., from which

An ironwood 6 ins. dia. brs. S. 64 1/4° E., 179 lks. dist.

Mkd. 1/16 S 2 B T.

(No other B.T. available.)

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high, S. of cor.

32.69 The 1/4 sec. cor. of sec. 35, T. 1 S., R. 3 E., previously described.

Thence N. 89° 51' E. on a true line along the N. bdy. of sec. 2, continuing measurement,

39.96 Set an iron post for 1/4 sec. cor. on the N. bdy. of sec. 2, with cap stamped

1/4 S 2 G R I R 1911 in S.

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high, S. of cor.

59.94 Set an iron post for 1/16 sec. cor. No. 1, on the N. bdy. of sec. 2 (E 1/2), with cap stamped

1/16 S 2 No 1 G R I R 1911 in S.

Resurvey of the South Boundary of T. 1 S., R. 3 E.,
being a part of the N. bdy. of Gila River Indian Reservation

- Chains
- Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.;
and raise a mound of earth 3½ ft. base, 1½ ft. high,
S. of cor.
- 72.73 The cor. of secs. 35 and 36, T. 1 S., R. 3 E., previously
described.
Thence N.89°54'E.along N.bdy.of sec.2,continuing measurement.
- 79.92 The C.C. of secs. 1 and 2, T. 2 S., R. 3 E., previously
described in subdivision of T. 2 S., R. 3 E.

Nov. 25, 1911.

From the C.C. of secs. 1 and 2, T. 2 S., R. 3 E., I run
N. 89° 54' E. on a true line along the N. bdy. of sec. 1,
on the reservation bdy.

- 20.01 Set an iron post for 1/16 sec. cor. No. 2, on N. bdy. of
sec. 1, (W½), with cap stamped

1/16 S 1 No 2 G R I R 1911 in S.

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.;
and raise a mound of earth 3½ ft. base, 1½ ft. high,
S. of cor.

- 32.81 The ¼ sec. cor. of sec. 36, T. 1 S., R. 3 E., previously
described.

- 40.02 Set an iron post for ¼ sec. cor. on N. bdy. of sec. 1,
with cap stamped

¼ S 1 G R I R 1911 in S.

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.;
and raise a mound of earth 3½ ft. base, 1½ ft. high,
S. of cor.

- 60.03 Set an iron post for 1/16 sec. cor. No. 1, on the N. bdy.
of sec. 1 (E½), with cap stamped

1/16 S 1 No 1 G R I R 1911 in S.

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.;
and raise a mound of earth 3½ ft. base, 1½ ft. high,
S. of cor.

- 72.82 The cor. of T. 1 S., Rgs. 3 and 4 E., previously described.

- 80.04 The C.C. of T. 2 S., Rgs. 3 and 4 E., previously described.

Nov. 16, 1911.

NOTE: These 1/16 and ¼ sec. cors. on the N. bdy. of T. 2
S., R. 3 E. were marked "C C" for closing cors.,
but they are not considered as such.

Resurvey of
North Boundary of T. 3 S., R. 2 E.

Chains

Surveyed by R. A. Farmer, Topographer.

The iron posts used in this survey, unless otherwise described, are 3 ft. long, 1 inch in dia., and are set 26 ins. in the ground.

Nov. 16, 1911. At 8h 00m a.m., l.m.t., I set off $33^{\circ} 12'$ on the lat. arc, $18^{\circ} 31'$ S. on the decl. arc, and determine a meridian with the solar, at the cor. of Tps. 2 and 3 S., Rgs. 2 and 3 E., previously described.

Thence I run

West on a true line bet. secs. 1 and 36.

Over level land, through sage and mesquite brush.

- 2.70 Dim road, brs. N. 20° W. and S. 20° E.
Enter timber on west side of road.
- 20.00 Set an iron post for $1/16$ sec. cor. No. 1, bet. secs. 1 and 36 ($E\frac{1}{2}$), with cap stamped
- $1/16$ S 36 No 1 in N. half
S 1 1911 in S. half, from which
- A mesquite 14 ins. dia. brs. S. $69\frac{1}{2}^{\circ}$ E., 13 lks. dist.
Mkd. $1/16$ S 1 B T.
A mesquite 8 ins. dia. brs. N. 41° W., 62 lks. dist.
Mkd. $1/16$ S 36 B T.
- 27.40 Road, brs. NW. and SE.
- 29.00 Road, brs. N. and S.
- 40.00 Set an iron post for the $\frac{1}{4}$ sec. cor. bet. secs. 1 and 36, with cap stamped
- $\frac{1}{4}$ S 36 in N. half
S 1 1911 in S. half, from which
- A mesquite 18 ins. dia. brs. S. $12\frac{1}{2}^{\circ}$ W., 38 lks. dist.
Mkd. $\frac{1}{4}$ S 1 B T.
A mesquite 36 ins. dia. brs. N. 73° W., 118 lks. dist.
Mkd. $\frac{1}{4}$ S 36 B T.
- (Diligent search was made for the old $\frac{1}{4}$ sec. cor., but no trace of same found).
- 44.70 Road, brs. NW. and SE.
Leave timber on East side of road.
- 60.00 Set an iron post for $1/16$ sec. cor. No. 2, bet. secs. 1 and 36 ($W\frac{1}{2}$), with cap stamped
- $1/16$ S 36 No 2 in N. half
S 1 1911 in S. half
- Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, N. of cor.
- 80.00 Set an iron post for the cor. of secs. 1, 2, 35 and 36, with cap stamped

Resurvey of

North Boundary of T. 3 S., R. 2 E.

Chains

T 2 S S 36 in NE. quadrant
 R 2 E S 1 in SE. "
 T 3 S S 2 in SW. "
 S 35 in NW. "

1911 in S.
 1 notch on E. and 5 notches on W. edge

Dig pits 18x18x12 ins. in each sec. 5½ ft. dist.; and raise a mound of earth 4 ft. base, 2 ft. high, W. of cor.

(Diligent search was made for the old cor., but no trace of same was found).

Land, level.
 Soil, sandy, 1st rate.
 Timber, mesquite, 42.00 chs.
 Brush, mesquite and sage, 80.00 chs.
 (Agricultural land, 80.00 chs.)

 West on a true line bet. secs. 2 and 35.

Over level land, through sage brush.

20.00 Set an iron post for 1/16 sec. cor. No. 1, bet. secs. 2 and 35 (E½), with cap stamped

1/16 S 35 No 1. in N. half
 S 2 1911 in S. half

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise a mound of earth 3½ ft. base, 1½ ft. high, N. of cor.

40.00 Set an iron post for ¼ sec. cor. bet. secs. 2 and 35, with cap stamped

¼ S 35 in N. half
 S 2 1911 in S. half

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise a mound of earth 3½ ft. base, 1½ ft. high, N. of cor.

(Diligent search was made for the old ¼ sec. cor., but no trace of same found).

60.00 Set an iron post for 1/16 sec. cor. No. 2, bet. secs. 2 and 35 (W½), with cap stamped

1/16 S 35 No 2 in N. half
 S 2 1911 in S. half

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise a mound of earth 3½ ft. base, 1½ ft. high, N. of cor.

80.00 Set an iron post for the cor. of secs. 2, 3, 34 and 35, with cap stamped

T 2 S S 35 in NE. quadrant
 R 2 E S 2 in SE. "
 T 3 S S 3 in SW. "
 S 34 in NW. "

1911 in S.
 2 notches on E. and 4 notches on W. edges

Dig pits 18x18x12 ins. in each sec. 5½ ft. dist., and

Resurvey of

North Boundary of T. 3 S., R. 2 E.

Chains

raise a mound of earth 4 ft. base, 2 ft. high, W. of cor.

(Diligent search was made for the old cor., but no trace of same found).

Land, level.
Soil, sandy, 1st rate.
Sage brush, 80.00 chs.
(Agricultural land, 80.00 chs.)

West on a true line bet. secs. 3 and 34.

Over level land, through brush.

20.00 Set an iron post for 1/16 sec. cor. No. 1, bet. secs. 3 and 34 (E $\frac{1}{2}$), with cap stamped

1/16 S 34 No 1 in N. half
S 3 1911 in S. half

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise a mound of earth 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, N. of cor.

22.30 Road, brs. NW. and SE.

40.00 Set an iron post for the $\frac{1}{4}$ sec. cor. bet. secs. 3 and 34, with cap stamped

$\frac{1}{4}$ S 34 in N. half
S 3 1911 in S. half

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise a mound of earth 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, N. of cor.

(Diligent search was made for the old $\frac{1}{4}$ sec. cor., but no trace of same found).

40.30 Irrigation ditch, 10 lks. wide, course N.

60.00 Set an iron post for 1/16 sec. cor. No. 2, bet. secs. 3 and 34 (W $\frac{1}{2}$), with cap stamped

1/16 S 34 No 2 in N. half
S 3 1911 in S. half

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise a mound of earth 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, N. of cor.

62.40 Dim road, brs. N. and S.

67.00 Road, brs. NE. and SW.

78.00 Enter timber, brs. N. and S.

80.00 Set an iron post for the cor. of secs. 3, 4, 33 and 34, with cap stamped

T 2 S S 34 in NE. quadrant
R 2 E S 3 in SE. "
T 3 S S 4 in SW. "
S 33 in NW. "

1911 in S.
3 notches on E. and W. edges, from which

Resurvey of

North Boundary of T. 3 S., R. 2 E.

Chains

- A mesquite 12 ins. dia. brs. N. $17\frac{1}{2}^{\circ}$ E., 62 lks. dist.
Mkd. T 2 S R 2 E S 34 B T.
- A mesquite 8 ins. dia. brs. S. 14° E., 58 lks. dist.
Mkd. T 3 S R 2 E S 3 B T.
- A mesquite 10 ins. dia. brs. S. 4° W., 26 lks. dist.
Mkd. T 3 S R 2 E S 4 B T.
- A mesquite 6 ins. dia. brs. N. 82° W., 59 lks. dist.
Mkd. T 2 S R 2 E S 33 B T.

(Diligent search was made for the old cor., but no trace of same found).

Land, level.
Soil, alkaline, 3rd rate.
Timber, mesquite, 2.00 chs.
(Agricultural land, 80.00 chs.).

Nov. 16, 1911. At this cor., I set off $18^{\circ} 35'$ S. on the decl. arc, and at 11h 44m 45s a.m., l.m.t., observe the sun on the meridian; the resulting lat. is $33^{\circ} 12'$, which is within one minute of the proper lat.

West on a true line bet. secs. 4 and 33.

Over level land, through timber.

- 12.00 Wash (dry) 30 lks. wide, course N.
- 14.15 Main wash of Santa Cruz, 50 lks. wide, course N.; good water.
Leave timber on E. side of wash.
- 20.00 Set an iron post for $\frac{1}{16}$ sec. cor. No. 1, bet. secs. 4 and 33 ($E\frac{1}{2}$), with cap stamped

 $\frac{1}{16}$ S 33 No 1 in N. half
 S 4 1911 in S. half

 Dig pits $18 \times 18 \times 12$ ins. E. and W. of post 3 ft. dist.; and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, N. of cor.

25.00 Road, brs. N. 30° W. and S. 30° E.

26.50 Road, brs. N. 30° W. and S. 30° E.
Begin ascent, brs. N. and S.

- 40.00 Set an iron post for $\frac{1}{4}$ sec. cor. bet. secs. 4 and 33, with cap stamped

 $\frac{1}{4}$ S 33 in N. half
 S 4 1911 in S. half

Dig pits $18 \times 18 \times 12$ ins. E. and W. of post 3 ft. dist.; and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, N. of cor.

(Diligent search was made for the old $\frac{1}{4}$ sec. cor., but no trace of same found).

44.75 Dry wash, 50 lks. wide, course S. 50° E.

48.80 Dry wash, 50 lks. wide, course S. 70° E.

59.70 Same wash, 50 lks. wide, course N.
Thence over rocky slope, and enter scattered timber.

Resurvey of

North Boundary of T. 3 S., R. 2 E.

Chains

79.40 Road, brs. N. 70° E. and S. 70° W.

80.00 Set an iron post for the cor. of secs. 4, 5, 32 and 33, with cap stamped

T 2 S S 33 in NE. quadrant
R 2 E S 4 in SE. "
T 3 S S 5 in SW. "
S 32 in NW. "

1911 in S.
4 notches on E. and 2 notches on W. edge

Build a mound of stone 2 ft. base, 1½ ft. high, W. of cor.

Land, level, 26.50 chs.; gradual ascent, 53.50 chs.
Soil, 1st rate, 59.70 chs.; rocky, 3rd rate, 20.30 chs.
Timber, scattered palo verde, last 20.30 chs.; mesquite, 14. 15 chs.
Brush, mesquite, 59.70 chs.; greasewood and palo verde, 20.30 chs.
(Agricultural land, 26.50 chs.; grazing land, 53.50 chs.)

Nov. 16, 1911.

Nov. 17, 1911. At 8h 00m a.m., l.m.t., I set off 33° 12' on the lat. arc, 18° 46' S. on the decl. arc, and determine a meridian with the solar, at the cor. of secs. 4, 5, 32 and 33.

Thence I run

West on a true line bet. secs. 5 and 32.

Ascending over rocky slope, through greasewood and palo verde brush.

7.00 Dry wash, 20 lks. wide, course N. 60° E.

39.00 Arroyo, 10 ft. deep, 50 lks. wide, course S. 80° E.

40.00 Set an iron post for the ¼ sec. cor. bet. secs. 5 and 32, with cap stamped

¼ S 32 in N. half
S 5 1911 in S. half

Build a mound of stone 2 ft. base, 1½ ft. high, N. of cor.

68.10 Enter arroyo, 20 ft. deep, from W. course SE. (50 lks.wide)

79.80 Leave arroyo, from NW., course E.

80.00 Set an iron post for the cor. of secs. 5, 6, 31 and 32, with cap stamped

T 2 S S 32 in NE. quadrant
R 2 E S 5 in SE. "
T 3 S S 6 in SW. "
S 31 in NW. "

1911 in S.
5 notches on E. and 1 notch on W. edge

Build a mound of stone 2 ft. base, 1½ ft. high, W. of cor.

Resurvey of
North Boundary of T. 3 S., R. 2 E.

Chains

Land, rocky slope, 69.30 chs.; bed of arroyo, 11.70 chs.
Soil, rocky, 4th rate.
Brush, greasewood, sage, palo verde and cactus.
(Grazing land, 80.00 chs.)

West on a true line bet. secs. 6 and 31.

Ascending steep, rocky east slope of Estrella Mountains,
through dense cactus, greasewood, and scattered palo
verde and ironwood timber.

40.00 Set an iron post for $\frac{1}{4}$ sec. cor. bet. secs. 6 and 31, with
cap stamped

$\frac{1}{4}$ S 31 in N. half
S 6 1911 in S. half

Build a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high, N. of
cor.

Leave timber, brs. N. and S.

50.00 Rocky gulch, course NE. Begin steep ascent, brs. NE.
and SW.

64.00 Head of rocky gulch, course N.

75.50 Head of deep and rocky gulch, course N.

78.59 Set an iron post 3 ft. long, 3 ins. dia., 26 ins. in the
ground, for the cor. of Tps. 2 and 3 S., R. 2 E., on
the W. bdy. of the Gila River Indian Reservation, with
cap stamped

T 2 S S 31 in NE.
T 3 S R 2 E S 6 in SE.
G R I R in E.
1911 in S.
6 notches on N., E. and S. edges

Build a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high, E. of
cor.

Land, rough and mountainous. (Grazing, 78.59 chs.)
Soil, rocky, 4th rate.
Brush, cactus, greasewood.
Timber, scattered palo verde and ironwood.

Nov. 17, 1911.

Resurvey of the West Boundary of T. 2 S., R. 2 E.,
a part of which is Gila River Indian Reservation Boundary.

Chains

Surveyed by R. A. Farmer, Topographer.

The iron posts used in this survey, unless otherwise described, are 3 ft. long, 1 inch in diameter, and are set 26 ins. in the ground.

Nov. 21, 1911. At the cor. of Tps. 2 and 3 S., R. 2 E., on the W. bdy. of Gila River Indian Reservation, at 3h 22m a.m., l.m.t., I observe Polaris at Western elongation in accordance with instructions in the Manual, and mark the direction thus determined by a tack in a hub firmly set in the ground about 4.00 chs. Northerly from my station.

Nov. 21, 1911. At 7h a.m., l.m.t., I lay off the azimuth of Polaris 1° 23' to the east, and mark the meridian thus determined by a tack in a hub firmly set in ~~the~~ a mound of stones east of the point set last night.

The magnetic bearing of this meridian is N. 13° 15' W., which gives the magnetic decl., 13° 15' E.

Thence

North on the W. bdy. of sec. 31, along the Gila River Indian Reservation boundary.

Descending into canyon.

- 0.90 Foot of descent, in canyon course NE. Begin ascent, leaving canyon 50 ft. deep.
 - 4.80 Top of ascent; shoulder of mountain brs. E. and W. Begin descent.
 - 15.00 Foot of descent. Dry wash, course E. Begin ascent of ridge, brs. E. and W.
 - 21.50 Top of ascent. Ridge, brs. E. and W, Begin descent.
 - 28.70 Foot of descent. Dry wash, course E. Begin ascent of high ridge, brs. E. and W.
 - Point for $\frac{1}{4}$ sec. cor. on W. bdy. of sec. 31 will fall on steep rocky slope, where it is impracticable to set a corner, therefore at
 - 34.70 Set an iron post for W.C. to the $\frac{1}{4}$ sec. cor., with cap stamped

 $\frac{1}{4}$ S 31 G R I R in E.
W C 1911 in S.

Build a mound of stone 2 ft. base, 1 $\frac{1}{2}$ ft. high, E. of cor.
 - 36.00 Arroyo, 20 ft. deep, course SE. Begin steep ascent, brs. NW. and SE.
 - 40.00 True point for $\frac{1}{4}$ sec. cor. of sec. 31, falls on steep slope.
 - 59.00 Top of ascent; high narrow ridge, brs. E. and W.
- From this ridge the level land along the Gila River may

Resurvey of the West Boundary of T. 2 S., R. 2 E.,
a part of which is Gila River Indian Reservation boundary.

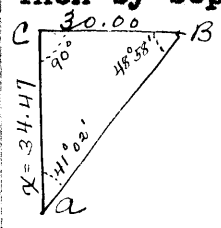
Chains

be seen to the north.
I erect a signal in a mound of stones as a check on my line.

Thence descend from high ridge bearing E. and W., over rocky slope.

65.20 To edge of cliff too steep for direct measurement. On either side, the side hill is too broken to permit of measuring an accurate base line. I set a signal on edge of cliff. Then I set a flag on line on low rocky hill, and from this point measure a base east 30.00 chs. From the east end of this base, the signal on edge of cliff brs. S. 41° 02' W.

Then by separate measurement, the angles A., B. and C. are 41° 02', 48° 58' and 90° 00' respectively.



Then the dist., A C is $\tan. 48^\circ 58'$ (1.14902) x 30.00 chs. = 34.47, which added to 65.20 makes 99.67 chs.

The point for cor. of secs. 30 and 31, at 80.00 chs. falls in deep canyon at foot of cliff, where it is impracticable to set a cor., therefore at

99.67 Set an iron post for W.C. to the cor. of secs. 30 and 31, with cap stamped

- G R I R in E.
- T 2 S S 30 in NE.
- R 2 E S 31 in SE.
- W C 1911 in S.
- 1 notch on S. and 5 notches on N. edges

Build a mound of stone 2 ft. base, 1½ ft. high, E. of cor.

Land, rough, broken and mountainous.
Soil, rocky, 4th rate.
Barren, 80.00 chs.

From the true point for the cor. of secs. 30 and 31, I run

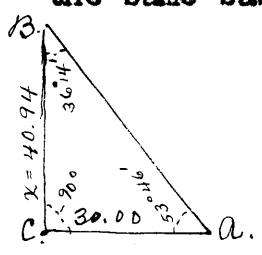
North on the W. bdy. of sec. 30, along the Gila River Indian Reservation boundary.

Leave canyon, course N. 20° E.

19.67 W.C. to the cor. of secs. 30 and 31, on low rocky hill.

To the north, a rough and broken spur of the main range runs to the East, and is too steep for direct measurement.

Therefore I set a flag on line on top of ridge, and using the same base as before, measure the angles.



A., B. and C., by separate measurement, are 53° 46', 36° 14' and 90° 00'.

The dist., B C is $\tan. 53^\circ 46'$ (1.36466) x 30.00 chs. = 40.94 chs., which added to 19.67 makes 60.61 chs.

From this point I measure back 100 lks. to edge of steep slope and at

Resurvey of the West Boundary of T. 2 S., R. 2 E.

a part of which is Gila River Indian Reservation boundary.

Chains

59.61 Set an iron post for W.C. to the 1/4 sec. cor. on W. bdy. of sec. 30, with cap stamped

1/4 S 30 G R I R in E.
W C 1911 in S.

Build a mound of stone 2 ft. base, 1 1/2 ft. high, E. of cor.

Thence over top of ridge or spur from main range which bears E. and W.

60.61 Triangulation point. Begin descent, brs. E. and W.

66.00 Bottom of descent. Head of gulch course E. Begin ascent.

69.00 Top of ascent and gap in rocky ridge, brs. E. and W.

Begin descent along steep side hill bearing N. 20° W. and SE.

80.00 Set an iron post for the cor. of secs. 19 and 30, with cap stamped

T 2 S S 19 in NE.
R 2 E S 30 in SE.
1911 in S.
G R I R in E.

2 notches on S. and 4 notches on N. edge

Build a mound of stone 2 ft. base, 1 1/2 ft. high, E. of cor.

Land, rough and broken, - mountainous. Barren, 80.00 chs. Soil, rocky, 4th rate.

Nov. 22, 1911.

Nov. 23, 1911.

North on the W. bdy. of sec. 19, along the Gila River Indian Reservation Boundary.

Descending along side hill which bears N. 20° W. and S. 20° E.

10.00 Begin steep descent bearing E. and W.

26.00 Foot of descent; deep gulch, course NE. Begin ascent.

32.30 Top of ascent; ridge, brs. E. and W. Begin descent.

35.00 Gulch 120 ft. deep, course NE.

40.00 Set an iron post for 1/4 sec. cor. on W. bdy. of sec. 19, with cap stamped

1/4 S 19 G R I R in E.
1911 in S.

Build a mound of stone 2 ft. base, 1 1/2 ft. high, E. of cor.

Begin steep descent, brs. NW. and SE.

64.00 Foot of descent brs. NW. and SE. Leave mountains, and descend over rocky slope cut by deep arroyos.

Resurvey of the West Boundary of T. 2 S., R. 2 E.

a part of which is Gila River Indian Reservation Boundary.

Chains	<p>Through scattered timber and cactus.</p> <p>72.05 Angle Point on Gila River Indian Reservation boundary.</p> <p>80.00 Set an iron post for the cor. of secs. 18 and 19, with cap stamped</p> <p style="padding-left: 40px;">T 2 S S 18 in NE. R 2 E S 19 in SE. 1911 in S. 3 notches on N. and S. edges</p> <p>(No B.T.s available).</p> <p>Build a mound of stone 2 ft. base, 1½ ft. high, E. of cor.</p> <p>Land, rough and mountainous, 64.00 chs.; rocky slope, 16.00 chs. Soil, rocky, 4th rate. Timber, scattered palo verde, 16.00 chs. Brush, greasewood and cactus, 16.00 chs. (Barren desert mountains 64.00 chs.; grazing land, 16.00 chs.)</p> <p>-----</p> <p>North on the W. bdy. of sec. 18, T. 2 S., R. 2 E.</p> <p>Through scattered timber, descending.</p> <p>4.00 Arroyo, 20 ft. deep, course N. 70° E.</p> <p>8.60 Arroyo, 10 ft. deep, course NE.</p> <p>22.00 Arroyo, 20 ft. deep, course N. 70° E.</p> <p>36.00 Dim road, brs. NE. and SW.</p> <p>39.75 Arroyo, 10 ft. deep, course NE.</p> <p>40.00 Set an iron post for ¼ sec. cor. on W. bdy. of sec. 18, with cap stamped</p> <p style="padding-left: 40px;">¼ S 18 in E. 1911 in S., from which</p> <p style="padding-left: 40px;">An ironwood 7 ins. dia. brs. N. 6¼° E., 23 lks. dist. Mkd. ¼ S 18 B T. A palo verde 8 ins. dia. brs. S. 41½° E., 29 lks. dist. Mkd. ¼ S 18 B T.</p> <p>(Diligent search was made for the old ¼ sec. cor. but no trace of same found).</p> <p>44.80 Arroyo, 20 ft. deep, course N. 70° E.</p> <p>52.10 Arroyo, 20 ft. deep, course N. 70° E.</p> <p>75.00 Arroyo, 20 ft. deep, course NE. Leave scattered timber on S. side of arroyo.</p> <p>80.00 Set an iron post for cor. of secs. 7 and 18, with cap stamped</p> <p style="padding-left: 40px;">T 2 S S 7 in NE. R 2 E S 18 in SE. 1911 in S, 4 notches on S. and 2 on N. edges.</p>
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Resurvey of the West Boundary of T. 2 S., R. 2 E.,
a part of which is Gila River Indian Reservation Boundary

Chains	
	Build a mound of stone 2 ft. base, 1½ ft. high, E. of cor.
	(Diligent search was made for the old cor., but no trace of same found).
	Land, rocky slope. (Grazing land, 80.00 chs.) Soil, rocky, 4th rate. Scattered palo verde and ironwood timber, 75.00 chs. Brush, greasewood and cactus, 80.00 chs.
	Nov. 23, 1911. At this cor., at 5h 00m p.m., l.m.t., I observe Polaris in accordance with instructions in the Manual, and mark the line thus determined by a tack in a hub, firmly set in the ground, 5.00 chs. Northerly from my station.
<i>Astron. l.m.t.</i>	U. C. of Polaris, Nov. 22, 9h 24m 13s Observation Nov. 23, 5h 00m l.m.t. Reduced to Nov. 22, <i>Astron. l.m.t.</i> 29h 00m 00s Hour Angle 19h 35m 47s Azimuth 1° 16' E. of N.
	Nov. 24, 1911. At 7.00 a.m., l.m.t., I lay off the azimuth of Polaris 1° 16' to the West, and mark the meridian thus determined by a tack in a hub, firmly set in the ground, west of the point established last night.
	From this cor. the signal left on the mountain to the south is plainly visible and my line thus far agrees within less than one minute with the meridian as determined by Polaris observation.
	Thence I run North on the W. bdy. of sec. 7, T. 2 S., R. 2 E. Over broken land, through brush and cactus, descending.
3.00	Arroyo, 10 ft. deep, course N. 70° E.
13.50	Wide dry wash, 400 lks. wide, course N. 70° E.
20.00	Set an iron post for 1/16 sec. cor. No. 12, on W. bdy. of sec. 7 (S½), with cap stamped 1/16 S 7 in E. No 12 in N. 1911 in S.
	Build a mound of stone 2 ft. base, 1½ ft. high, E. of cor.
25.00	Road, brs. N. 20° W. and S. 20° E.
28.00	Indian hut brs. W., 100 lks. dist.
31.00	Indian hut, brs. E., 50 lks. dist.
33.00	Foot of descent brs. NE. and SW. Thence over level land, through brush.
40.00	Set an iron post for ¼ sec. cor. on W. bdy. of sec. 7, with cap stamped ¼ S 7 in E. 1911 in S.

Resurvey of the West Boundary of T. 2 S., R. 2 E.,
a part of which is Gila River Indian Reservation Boundary

Chains	
	<p>Dig pits 18x18x12 ins. N. and S. of post 3 ft. dist.; and raise a mound of earth 3½ ft. base, 1½ ft. high, E. of cor.</p> <p>(Diligent search was made for the old ¼ sec. cor., but no trace of same found).</p>
41.50	Santa Cruz Wash, 30 lks. wide, course NW.
42.00	Brush fence, brs. NW. and SE. Enter cultivated field.
51.00	Fence, brs. NE. and SW.
51.05	Irrigation ditch, 5 lks. wide, course SW.
57.20	Irrigation ditch, 5 lks. wide, course NW.
57.25	Brush fence, brs. NW. and SE.
57.75	Brush fence, brs. NE. and SW,
60.00	Set an iron post for 1/16 sec. cor. No. 6, on W. bdy. of sec. 7 (N½), with cap stamped <p style="margin-left: 40px;">1/16 S 7 in E. No 6 in N. 1911 in S.</p> <p>Dig pits 18x18x12 ins. N. and S. of post 3 ft. dist.; and raise a mound of earth 3½ ft. base, 1½ ft. high, E. of cor.</p>
61.25	Fence, brs. NW. and SE.
69.00	Fence, brs. NE. and SW.
69.05	Irrigation ditch, 20 lks. wide, course SW.
70.00	Irrigation ditch 10 lks. wide, course NW.
70.05	Fence, brs. NW. and SE.
74.00	Fence, brs. NE. and SW.
75.80	Indian hut, brs. E., 100 lks. dist.
76.70	Fence, brs. NW. and SE. Leave cultivated fields; thence through brush.
80.00	Left bank of Gila River, from SE. course N. 5° W. Set an iron post for the cor. of secs. 6 and 7, and also for M.C., with cap stamped <p style="margin-left: 40px;">M C in N. T 2 S S 6 in NE. R 2 E S 7 in SE. 1911 in S. 5 notches on S. and 1 notch on N. edge</p> <p>Dig pits 24x24x12 ins. NE. and SE. of post 6 ft. dist.; and raise a mound of earth 4 ft. base, 2 ft. high, E. of cor.</p> <p>(Diligent search was made for the old cor., but no trace of same found).</p> <p>Land, rough, 33.00 chs.; level, 47.00 chs. Soil, rocky, 3rd rate, 33.00 chs.; sandy, 1st rate, 47.00 chs.</p>

Resurvey of the West Boundary of T. 2 S., R. 2 E.,
a part of which is Gila River Indian Reservation Boundary

Chains

Brush, greasewood and cactus, 1st 33.00 chs.; mesquite and low sage, last 47.00 chs.
(Grazing land, 33.00 chs.; agricultural land, 47.00 chs.)

North on the W. bdy. of sec. 6, T. 2 S., R. 2 E.

Descending left bank of Gila River.

0.50 Foot of 8-foot bank. Thence over river bed (dry), through dense arrow weed and willow.

12.50 Leave dry bed of river, and begin ascent of 8-foot left bank of Gila River.

12.70 Left bank of Gila River, course NE.
Set an iron post for M.C. of frac. sec. 6, with cap stamped

M C in S.
T 2 S R 2 E S 6 in E.
1911 in S.

Dig a pit 36x36x12 ins. 8 ft. N. of post; and raise a mound of earth 4 ft. base, 2 ft. high, N. of cor.

Thence over level land, through dense arrow weed and low mesquite brush.

20.00 Set an iron post for 1/16 sec. cor. No. 12, on W. bdy. of sec. 6 (S $\frac{1}{2}$), with cap stamped

1/16 S 6 in E.
No 12 in N.
1911 in S.

Dig pits 18x18x12 ins. N. and S. of post 3 ft. dist.; and raise a mound of earth 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, E. of cor.

40.00 Set an iron post for $\frac{1}{4}$ sec. cor. on W. bdy. of sec. 6, with cap stamped

$\frac{1}{4}$ S 6 in E.
1911 in S.

Dig pits 18x18x12 ins. N. and S. of post, 3 ft. dist.; and raise a mound of earth 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, E. of cor.

(Diligent search was made for the old $\frac{1}{4}$ sec. cor. but no trace of same found).

60.00 Set an iron post for 1/16 sec. cor. No. 6, on W. bdy. of sec. 6 (N $\frac{1}{2}$), with cap stamped

1/16 S 6 in E.
No 6 in N.
1911 in S.

Dig pits 18x18x12 ins. N. and S. of post 3 ft. dist.; and raise a mound of earth 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, E. of cor.

71.50 Road, brs. E. and W.

73.17 Intersect the S. bdy. of T. 1 S., R. 2 E. at a point from

Resurvey of the West Boundary of T. 2 S., R. 2 E.,
a part of which is Gila River Indian Reservation Boundary

Chains

which the cor. of T. 1 S., Rgs. 1 and 2 E. brs. West
5.23 chs. dist.

Set an iron post 3 ft. long, 3 ins. dia., 26 ins. in the
ground, for the C.C. of T. 2 S., Rgs. 1 and 2 E., with
cap stamped

T 2 S R 1 E S 1 in SW.
R 2 E S 6 in SE.
1911 in S.
6 notches on E., S. and W. edges

Dig pits 30x24x12 ins. E. and W. of post 4 ft., and S.
8 ft. dist.; and raise a mound of earth 5 ft. base,
2½ ft. high, S. of cor.

Land, level, 60.97 chs.; river bed, 12.20 chs.
Soil, sandy, 1st rate.
Brush, arrow weed, willow and sage.
(Agricultural land, 60.97 chs.)

Nov. 24, 1911.

From the C.C. of T. 2 S., Rgs. 1 and 2 E., above described,
I run

South along the E. bdy. of sec. 1, T. 2 S., R. 1 E., for
the purpose of establishing 1/16 and ¼ sec. cors., to
refer to sec. 1 only.

21.37 Set an iron post for 1/16 sec. cor. No. 6, on E. bdy. of
sec. 1 (N½), with cap stamped

1/16 S 1 in W.
No 6 in N.
1912 in S.

Dig pits 18x18x12 ins. N. and S. of post 3 ft. dist.,
and raise a mound of earth 3½ ft. base, 1½ ft. high,
W. of cor.

41.37 Set an iron post for ¼ sec. cor. on E. bdy. of sec. 1,
with cap stamped

¼ S 1 in W.
1912^c in S.

Dig pits 18x18x12 ins. N. and S. of post 3 ft. dist.;
and raise a mound of earth 3½ ft. base, 1½ ft. high,
W. of cor.

61.37 Set temp. 1/16 sec. cor. No. 12, on E. bdy. of sec. 1 (S½)
in Gila River.

81.37 The C.C. of secs. 1 and 12, T. 2 S., R. 1 E., described
in notes of subdivision of T. 2 S., R. 1 E.

Jan. 12, 1912.

From the C.C. of secs. 1 and 12, I run

South along the E. bdy. of sec. 12, T. 2 S., R. 1 E. for
the purpose of establishing the ¼ sec. cor. on the E.
bdy. of sec. 12.

Resurvey of the West Boundary of T. 2 S., R. 2 E.,
a part of which is Gila River Indian Reservation boundary

Chains

39.93 Set an iron post for $\frac{1}{4}$ sec. cor. on E. bdy. of sec. 12,
with cap stamped

$\frac{1}{4}$ S 12 in W.
1912 in S., from which

A mesquite 6 ins. dia. brs. S. $14\frac{1}{2}^{\circ}$ W., 77 lks. dist.
Mkd. $\frac{1}{4}$ S 12 B T.

A mesquite 8 ins. dia. brs. N. $47\frac{1}{2}^{\circ}$ W., 207 lks. dist.
Mkd. $\frac{1}{4}$ S 12 B T.

(Scattered timber near cor.)

Jan. 10, 1912.

Note: These $\frac{1}{4}$ and $\frac{1}{16}$ sec. cors. on the E. bdy. of
secs. 1 and 12, T. 2 S., R. 1 E., were marked "C C"
for closing corner, but they are not considered as
such.

West Boundary of T. 3 S., R. 2 E., being a part of
the West Boundary of the Gila River Indian Reservation.

Chains

Surveyed by R. A. Farmer, Topographer.

The iron posts used in this survey, unless otherwise described, are 3 ft. long, 1 inch in diameter, and are set 26 ins. in the ground.

Dec. 28, 1911.

From the cor. of Tps. 2 and 3 S., R. 2 E., on W. bdy. of Gila River Indian Reservation, I run

South on the W. bdy. of sec. 6, T. 3 S., R. 2 E., along the reservation bdy.

Over rough, mountainous land, ascending.

40.00 True point for $\frac{1}{4}$ sec. cor. on W. bdy. of sec. 6 falls on steep slope among boulders; impracticable to set cor., therefore at

53.28 Set an iron post for W.C. to the $\frac{1}{4}$ sec. cor., with cap stamped

$\frac{1}{4}$ S 6 G R I R in E.
W C 1911 in S.

Build a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high, E. of cor.

Top of ascent; ridge brs. N. 60° E. and S. 60° W.
Begin descent.

57.00 Foot of descent; canyon, course N. 60° E. Begin ascent.

65.00 Top of ascent. Ridge, brs. N. 60° E. and S. 60° W.
Begin descent.

67.00 Foot of descent. Canyon, course E. Begin ascent.

80.00 Set an iron post for the cor. of secs. 6 and 7, with cap stamped

T 3 S 6 in NE.
R 2 E 7 in SE.
G R I R in E.
1911 in S.

1 notch on N. and 5 notches on S. edge

Build a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high, E. of cor.

Land, rough and mountainous. (Barren, 80.00 cfs.)
Soil, rocky, 4th rate.

South on the W. bdy. of sec. 7, T. 3 S., R. 2 E., along the reservation bdy.

Over mountainous land, ascending.

13.90 Top of ascent. Main ridge of the Estrella Mountains brs. N. 60° W. and S. 60° E.

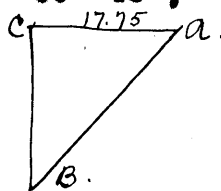
From this point the line descends into a canyon too steep to permit of direct measurement.

West Boundary of T. 3 S., R. 2 E., being a part of
the West Boundary of the Gila River Indian Reservation.

Chains

I set a flag on line on a ridge to the South and measure a base, due East 17.75 chs. From the E. end of this base the flag to the south brs. S. 30° 15' W.

The angles A., B. and C. then by separate measurement, are 59° 45', 30° 15' and 90° 00'.



$$\begin{array}{r} \text{Tan. A} = 1.71473 \\ \text{Base} \quad \quad \quad 17.75 \\ \hline \end{array}$$

$$\begin{array}{r} 30.43 \text{ chs.}, \text{ which added to } 13.90 \\ = 44.33 \text{ chs.} \end{array}$$

44.33 Set an iron post for W.C. to the $\frac{1}{4}$ sec. cor. on the W. bdy. of sec. 7, with cap stamped

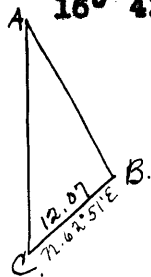
$\frac{1}{4}$ S 7 G R I R in E.
W C 1911 in S.

Build a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high, E. of cor.

The W.C. falls on rocky ridge bearing E. and W.

It is impracticable to measure from this point or to get a base, therefore I set a flag on line on ridge to the south; from this station the longest base possible is N. 62° 51' E., 12.07 chs. From the E. end of this base the flag to the North brs. N. 16° 43' W.

Then by separate measurement, the angles A., B. and C. are 16° 43', 100° 26' and 62° 51' respectively.



$$\text{The side } b = a \cdot \frac{\sin B}{\sin A}$$

$$\begin{array}{r} \log 12.07 = 1.081707 \\ \sin 100^{\circ}26' = 9.992759 \\ \text{colog } \sin 16^{\circ}43' = 0.541152 \\ \hline 1.615618 \end{array}$$

$$= 41.27 \text{ chs. which added to}$$

$$44.33 \text{ chs.} = 85.60 \text{ chs.}$$

true

80.00 The point for cor. of secs. 7 and 18, falls on boulders; impracticable to set post; therefore at

85.60 Set an iron post for W.C. to the cor. of secs. 7 and 18, with cap stamped

T 3 S 8 7 in NE.
R 2 E 8 18 in SE.
G R I R in E.
W C 1911 in S.
2 notches on N. and 4 notches on S. edge

Build a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high, E. of cor.

Land, rough, broken and mountainous.
Soil, rocky, 4th rate.
(Barren mountains, 80.00 chs.)

South on the W. bdy. of sec. 18, T. 3 S., R. 2 E., along the reservation boundary, measuring from the true point for the cor. of secs. 7 and 18.

Ascending.

5.60 W.C. to the cor. of secs. 7 and 18 on ridge bearing N. 60° E. and S. 60° W. Begin descent.

West Boundary of T. 3 S., R. 2 E., being a part of the West Boundary of the Gila River Indian Reservation.

Chains	
40.00	<p>Set an iron post for $\frac{1}{4}$ sec. cor. on W. bdy. of sec. 18, with cap stamped</p> <p style="text-align: center;">$\frac{1}{4}$ S 18 G R I R in E. 1911 in S.</p> <p>Build a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high, E. of cor.</p>
80.00	<p>Set an iron post for the cor. of secs. 18 and 19, with cap stamped</p> <p style="text-align: center;">T 3 S S 18 in NE. quadrant R 2 E S 19 in SE. " G R I R in E. 1911 in S. 3 notches on N. and S. edges</p> <p>Build a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high, E. of cor.</p> <p>Land, rough, broken and mountainous. Soil, rocky, 4th rate. Barren, 80.00 chs.</p> <hr style="border-top: 1px dashed black;"/> <p>South on the W. bdy. of sec. 19, T. 3 S., R. 2 E., along the reservation boundary.</p> <p>Descending.</p>
15.00	<p>Foot of descent, brs. E. and W. Arroyo, 200 lks. wide, 15 ft. deep, course W.</p>
28.00	<p>Arroyo, 150 lks. wide, 10 ft. deep, course W. Begin steep ascent, brs. E. and W.</p>
36.50	<p>Top of ascent, brs. E. and W. Begin descent.</p> <p>True point for $\frac{1}{4}$ sec. cor. will fall among boulders where it is impracticable to set the post; therefore at</p>
36.60	<p>Set an iron post for W.C. to the $\frac{1}{4}$ sec. cor. on W. bdy. of sec. 19, with cap stamped</p> <p style="text-align: center;">$\frac{1}{4}$ S 19 G R I R in E. W C 1911 in S.</p> <p>Build a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high, E. of cor.</p>
40.00	<p>Point for $\frac{1}{4}$ sec. cor. on unsafe ground.</p>
55.00	<p>Foot of descent. Gulch, course W. Begin ascent.</p>
61.00	<p>Top of ascent. Rocky butte. Begin descent.</p>
63.00	<p>Foot of descent, brs. N. and W. Thence along side hill.</p>
80.00	<p>Set an iron post for the cor. of secs. 19 and 30, with cap stamped</p> <p style="text-align: center;">T 3 S S 19 in NE. quadrant R 2 E S 30 in SE. " G R I R in E. 1911 in S. 4 notches on N. and 2 notches on S. edges</p>

West Boundary of T. 3 S., R. 2 E., being a part of the West Boundary of the Gila River Indian Reservation.

Chains

Build a mound of stone 2 ft. base, 1 1/2 ft. high, E. of cor.

Land, rough and mountainous. Barren, 80.00 chs. Soil, rocky, 4th rate.

South on the W. bdy. of sec. 30, T. 3 S., R. 2 E., along the reservation bdy.

- 2.00 Rocky gulch, course NW. Begin steep ascent bearing NW. and SE.
 - 8.00 Top of ascent. Spur from main ridge, brs. NW. and SE. Begin descent.
 - 15.00 Foot of descent. Rocky gulch, course W. Begin ascent.
 - 28.50 Top of ascent brs. N. 70° E. and S. 70° W. Begin descent.
- True point for 1/4 sec. cor. will fall on steep slope among boulders, where it is impossible to set cor., therefore at
- 28.70 Set an iron post for W.C. to the 1/4 sec. cor. on W. bdy. of sec. 30, with cap stamped

1/4 S 30 G R I R in E.
W C 1911 in S.

Build a mound of stone 2 ft. base, 1 1/2 ft. high, E. of cor.

- 40.00 True point for 1/4 sec. cor.
- 50.00 Foot of steep descent, brs. NW. and SE. Begin gradual descent over slope covered with boulders.
- 60.00 Leave boulders; enter timber, bearing NW. and SE.
- 70.00 Arroyo, 20 ft. deep, course SW.
- 78.00 Arroyo, 20 ft. deep, course SW.
- 80.00 Set an iron post for the cor. of secs. 30 and 31, with cap stamped

T 3 S 8 30 in NE. quadrant
R 2 E 8 31 in SE. "
G R I R in E.
1911 in S.
1 notch on S. and 5 notches on N. edge

Build a mound of stone 2 ft. base, 1 1/2 ft. high, E. of cor.

(No B.T.s available).

Land, rough and mountainous. Soil, rocky, 4th rate. Timber, palo verde and ironwood, 20.00 chs. Brush, greasewood and cactus. (Grazing land, 20.00 chs.; barren, 60.00 chs.)

West Boundary of T. 3 S., R. 2 E., being a part of
the West Boundary of the Gila River Indian Reservation.

Chains

South on the W. bdy. of sec. 31, T. 3 S., R. 2 E., along
the reservation boundary.

Through timber and brush, descending.

20.00 Arroyo, 15 ft. deep, course SW.

34.00 Foot of descent; dry wash, 100 lks. wide, course SW.

36.00 Same dry wash, 100 lks. wide, course S. 20° E.

40.00 Set an iron post for 1/4 sec. cor. on W. bdy. of sec. 31,
with cap stamped

1/4 S 31 G R I R in E.
1911 in S., from which

A palo verde 10 ins. dia. brs. N. 16 1/2° E., 160 lks. dist.
Mkd. G R I R T 3 S R 2 E S 31 B T.

A palo verde 8 ins. dia. brs. S. 29 1/4° E., 190 lks. dist.
Mkd. G R I R T 3 S R 2 E S 31 B T.

50.00 Dry wash, 50 lks. wide, course SE.

79.50 Arroyo, 10 ft. deep, course N. 60° E.

80.00 Set an iron post 3 ft. long, 3 ins. dia., 26 ins. in the
ground, for the cor. of Tps. 3 and 4 S., R. 2 E., on W.
bdy. of Gila River Indian Reservation, with cap stamped

T 3 S S 31 in NE. quadrant
T 4 S R 2 E S 6 in SE. quadrant
G R I R in E.
1911 in S.
6 notches on N., E. and S. edges

Dig pits 30x24x12 ins., on each line, N. and S., 4 ft.,
and E. of post 8 ft. dist.; and raise a mound of earth
5 ft. base, 2 1/2 ft. high, E. of cor.

(No B.T.s available).

Land, rough and broken. (Grazing, 80.00 chs.)

Soil, rocky, 4th rate.

Brush, greasewood and cactus.

Timber, palo verde and ironwood.

Dec. 29, 1911.



Resurvey of the North Boundary of T. 4 S., R. 2 E.

Chains

Surveyed by R. A. Farmer, Topographer.

The iron posts used in this survey, unless otherwise described, are 3 ft. long, 1 inch in diameter, and are set 26 ins. in the ground.

Jan. 4, 1912. At 8.00 a.m., l.m.t., I set off 33° 07' on the lat. arc, 22° 46' S. on the decl. arc, and determine a meridian with the solar, at the cor. of Tps. 3 and 4 S., Rgs. 2 and 3 E., previously described.

Thence I run

West on a random line bet. Tps. 3 and 4 S., R. 2 E., setting temp. ¼ and sec. cors. at intervals of 40.00 chs., and at

479.37 Intersect the cor. of Tps. 3 and 4 S., R. 2 E., on the W. bdy. of Gila River Indian Reservation (described in notes of W. bdy. of T. 3 S., R. 2 E.)

Thence I run

East on a true line bet. secs. 6 and 31.

Over rough, broken land, through scattered timber.

3.60 Dry wash, 20 lks. wide, course SE.

29.00 Dry wash, 30 lks. wide, course S. 10° E.

31.00 Dry wash, 20 lks. wide, course S.

34.50 Begin ascent, brs. N. and S.

39.37 Set an iron post for ¼ sec. cor. bet. secs. 6 and 31, with cap stamped

¼ S 31 in N. half
S 6 1912 in S. half, from which

A palo verde 8 ins. dia. brs. S. 75° E., 63 lks. dist.
Mkd. ¼ S 6 B T.

A palo verde 7 ins. dia. brs. N. 60° W., 160 lks. dist.
Mkd. ¼ S 31 B T.

49.60 Top of ascent. Ridge, brs. N. 70° E. and S. 70° W. Begin descent.

69.00 Foot of descent. Dry wash, 100 lks. wide, course S. Begin ascent, brs. N. and S.

79.37 Set an iron post for the cor. of secs. 5, 6, 31 and 32, with cap stamped

T 3 S S 32 in NE. quadrant
R 2 E S 5 in SE. "
T 4 S S 6 in SW. "
S 31 in NW. "
1912 in S.
5 notches on E. and 1 notch on W. edge,

from which

A palo verde 6 ins. dia. brs. N. 24½° E., 94 lks. dist.
Mkd. T 3 S R 2 E S 32 B T.

Resurvey of the North Boundary of T. 4 S., R. 2 E.

Chains

A palo verde 6 ins. dia. brs. S. $45\frac{1}{2}^{\circ}$ E., 35 lks. dist.
Mkd. T 4 S R 2 E S 5 B T.
A palo verde 6 ins. dia. brs. S. $21\frac{1}{2}^{\circ}$ W., 82 lks. dist.
Mkd. T 4 S R 2 E S 6 B T.
A palo verde 6 ins. dia. brs. N. $27\frac{1}{2}^{\circ}$ W., 220 lks. dist.
Mkd. T 3 S R 2 E S 31 B T.

Land, rough and mountainous.
Soil, rocky, 3rd and 4th rate.
Brush, greasewood and cactus.
Scattered timber of palo verde and ironwood.
(Grazing land, 79.37 chs.)

East on a true line bet. secs. 5 and 32.

Through timber, ascending.

- 2.00 Top of ascent; narrow ridge, brs. N. 20° E. and S. 20° W.
Begin descent.
- 23.00 Gulch, 20 ft. deep, course S. 20° W.
- 27.20 Rocky butte, 175 ft. high, brs. N., 4.00 chs. dist.
- 29.00 Foot of descent, brs. NE. and SW.
Dry wash, 20 lks. wide, course SW.
Thence over smooth slope, descending.
- 40.00 Set an iron post for $\frac{1}{4}$ sec. cor. bet. secs. 5 and 32,
with cap stamped
- $\frac{1}{4}$ S 32 in N. half
S 5 1912 in S. half, from which
- A palo verde 10 ins. dia. brs. N. 30° E., 22 lks. dist.
Mkd. $\frac{1}{4}$ S 32 B T.
A palo verde 12 ins. dia. brs. S. 45° W., 2 lks. dist.
Mkd. $\frac{1}{4}$ S 5 B T.
- (Diligent search was made for the old $\frac{1}{4}$ sec. cor., but no trace of same found).
- 80.00 Set an iron post for the cor. of secs. 4, 5, 32 and 33,
with cap stamped
- T 3 S S 33 in NE. quadrant
R 2 E S 4 in SE. "
T 4 S S 5 in SW. "
S 32 in NW. "
1912 in S.
4 notches on E. and 2 notches on W. edge
- Dig pits 18x18x12 ins. in each sec. $5\frac{1}{2}$ ft. dist.; and
raise a mound of earth 4 ft. base, 2 ft. high, W. of
cor.
- (Diligent search was made for the old cor., but no trace
of same found).
- Land, rough and mountainous, 29.00 chs.; smooth slope,
51.00 chs.
Soil, rocky, 3rd and 4th rate.
Brush, greasewood and cactus.
Scattered timber, palo verde and ironwood.
(Grazing land, 80.00 chs.).
- Cloudy at Noon today; no observation for lat. Jan. 4, 1912.

Resurvey of the North Boundary of T. 4 S., R. 2 E.

Chains

East on a true line bet. secs. 4 and 33.

Through scattered timber, descending.

40.00 Set an iron post for 1/4 sec. cor. bet. secs. 4 and 33, with cap stamped

1/4 S 33 in N. half
S 4 1912 in S. half

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high, N. of cor.

(Diligent search was made for the old 1/4 sec. cor., but no trace of same found).

59.00 Road, brs. NE. and SW.

80.00 Set an iron post for the cor. of secs. 3, 4, 33 and 34, with cap stamped

T 3 S S 34 in NE. quadrant
R 2 E S 3 in SE. "
T 4 S S 4 in SW. "
S 33 in NW. "
1912 in S,
3 notches on E. and W. edges

Dig pits 18x18x12 ins. in each sec. 5 1/2 ft. dist.; and raise a mound of earth 4 ft. base, 2 ft. high, W. of cor.

(Diligent search was made for the old cor., but no trace of same found).

No trees available for B.T.s.

Land, smooth slope from mountainous.
Soil, rocky, 3rd rate.
Brush, greasewood and cactus.
Scattered timber, palo verde and ironwood.
(Grazing land, 80.00 chs.)

East on a true line bet. secs. 3 and 34.

Through scattered timber, descending.

20.00 Set an iron post for 1/16 sec. cor. No. 2, bet. secs. 3 and 34 (W 1/2), with cap stamped

1/16 S 34 No 2 in N. half
S 3 1912 in S. half

(No B.T.s available).

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high, N. of cor.

20.50 Dry wash, 10 lks. wide, course S. 80° E.

40.00 Set an iron post for 1/4 sec. cor. bet. secs. 3 and 34, with cap stamped

1/4 S 34 in N. half
S 3 1912 in S. half, from which

Resurvey of the North Boundary of T. 4 S., R. 2 E.

Chains

An ironwood 12 ins. dia. brs. N. $12\frac{1}{2}^{\circ}$ W., 187 lks. dist.
Mkd. $\frac{1}{4}$ S 34 B T.

(No other tree available)

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.;
and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high,
N. of cor.

(Diligent search was made for the old $\frac{1}{4}$ sec. cor., but
no trace of same found.)

Leave scattered timber bearing N. and S.
Thence through low brush.

60.00 Set an iron post for 1/16 sec. cor. No. 1, bet. secs. 3
and 34 ($E\frac{1}{2}$), with cap stamped

$1/16$ S 34 No 1 in N. half
S 3 1912 in S. half

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.;
and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high,
N. of cor.

80.00 Set an iron post for the cor. of secs. 2, 3, 34 and 35,
with cap stamped

T 3 S S 35 in NE. quadrant
R 2 E S 2 in SE. "
T 4 S S 3 in SW. "
S 34 in NW. "
1912 in S.

2 notches on E. and 4 notches on W. edge

Dig pits 18x18x12 ins. in each sec. $5\frac{1}{2}$ ft. dist.; and
raise a mound of earth 4 ft. base, 2 ft. high, W. of
cor.

(Diligent search was made for the old $\frac{1}{4}$ sec. cor., but no
trace of same found).

Land, level.

Soil, 2nd and 3rd rate.

Brush, greasewood and cactus, 40.00 chs.; low sage, 40.00
chs.

Scattered timber, 40.00 chs.

(Agricultural land south of line, and grazing land north
of line, 80.00 chs.)

East on a true line bet. secs. 2 and 35.

Through brush, descending.

9.75 Road, brs. N. 20° W. and S. 20° E.

20.00 Set an iron post for 1/16 sec. cor. No. 2, bet. secs. 2
and 35 ($W\frac{1}{2}$), with cap stamped

$1/16$ S 35 No 2 in N. half
S 2 1912 in S. half

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.;
and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high,
N. of cor.

40.00 Set an iron post for the $\frac{1}{4}$ sec. cor. bet. secs. 2 and 35,
with cap stamped

Resurvey of the North Boundary of T. 4 S., R. 2 E.

Chains

1/4 S 35 in N. half
S 2 1912 in S. half

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.;
and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high,
N. of cor.

(Diligent search for the old 1/4 sec. cor. was made, but no
trace of same found).

60.00 Set an iron post for 1/16 sec. cor. No. 1, bet. secs. 2
and 35 (E 1/2), with cap stamped

1/16 S 35 No 1 in N. half
S 2 1912 in S. half

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.;
and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high,
N. of cor.

64.80 Foot of descent. Dry wash, 100 lks. wide, course N.80°E.
Thence over level land.

80.00 Set an iron post for the cor. of secs. 1, 2, 35 and 36,
with cap stamped

T 3 S S 36 in NE. quadrant
R 2 E S 1 in SE. "
T 4 S S 2 in SW. "
S 35 in NW. "
1912 in S.
1 notch on E. and 5 notches on W. edges

Dig pits 18x18x12 ins. in each sec. 5 1/2 ft. dist.; and
raise a mound of earth 4 ft. base, 2 ft. high, W. of
cor.

(After diligent search no trace of the old cor. was found)

Land, level, 15.20 chs.; smooth descent, 64.80 chs.
Soil, 1st and 2nd rate.
Brush, low sage.
(Agricultural land, 80.00 chs.)

East on a true line bet. secs. 1 and 36.
Over level land, through brush.

20.00 Set an iron post for 1/16 sec. cor. No. 2, bet. secs. 1
and 36 (W 1/2), with cap stamped

1/16 S 36 No 2 in N. half
S 1 1912 in S. half

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.;
and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high,
N. of cor.

25.50 Dry wash, 20 lks. wide, course NE.

31.60 Dry wash, 25 lks. wide, course N.

40.00 Set an iron post for 1/4 sec. cor. bet. secs. 1 and 36,
with cap stamped

1/4 S 36 in N. half
S 1 1912 in S. half

Resurvey of the North Boundary of T. 4 S., R. 2 E.

Chains

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise a mound of earth 3½ ft. base, 1½ ft. high, N. of cor.

(Diligent search for the old ¼ sec. cor. was made, but no trace of same found).

60.00 Set an iron post for 1/15 sec. cor. No. 1, bet. secs. 1 and 36 (B½), with cap stamped

1/16 S 36 No 1 in N. half
S 1 1912 in S. half

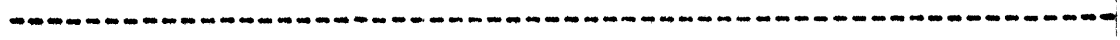
Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise a mound of earth 3½ ft. base, 1½ ft. high, N. of cor.

63.90 Dry wash, 20 lks. wide, course NE.

80.00 The cor. of Tps. 3 and 4 S., Rgs. 2 and 3 E., previously described.

Land, level. (Agricultural, 80.00 chs.)
Soil, 1st rate.
Brush, low sage.

Jan. 4, 1912.



Survey of the S. bdy. of the Gila River Indian Reservation
through T. 2 S., R. 1 E.

Chains

Surveyed by R. A. Farmer, Topographer.

The iron posts used in this survey, unless otherwise described, are 3 ft. long, 1 inch in diameter, and are set 26 ins. in the ground.

Jan. 5, 1912. From the cor. of secs. 13, 18, 19, and 24, on the Gila River Principal Meridian, in T. 2 S., R. 1 E., I run

East on a random line along the S. bdy. of the Gila River Indian Reservation through T. 2 S., R. 1 E., setting temp. $\frac{1}{4}$ and sec. cors. at intervals of 40.00 and 80.00 chs., and at

482.73 Intersect the W. bdy. of T. 2 S., R. 2 E. at a point from which the cor. of secs. 18 and 19 hrs. North 7.95 chs. dist. (now making the S. bdy. of sec. 13, 85.23 chs., so as to be the same as the N. bdy. of sec. 1, according to instructions received from A. F. Dunnington, Topographer in Charge. This would make the S. bdy. of sec. 18, 77.50 chs.)

Jan. 5, 1912. At 8.00 a.m., l.m.t., I set off 33° 15' on the lat. arc, 22° 40' S. on the decl. arc, and determine a meridian with the solar at the cor. of secs. 13, 18, 19 and 24, on the Gila River Principal Meridian, and W. bdy. of the Gila River Indian Reservation.

Thence I run

East on a true line bet. secs. 18 and 19, which is also the S. bdy. of the Gila River Indian Reservation.

Over rough, rocky land, through greasewood and scattered palo verde and ironwood timber, ascending.

37.50 Set an iron post for $\frac{1}{4}$ sec. cor. bet. secs. 18 and 19, with cap stamped

$\frac{1}{4}$ S 18 G R I R in N.
S 19 1912 in S.

Build a mound of stone 2 ft. base, 1 $\frac{1}{2}$ ft. high, N. of cor.

42.00 Leave brush and timber, hrs. N. and S. Begin steep ascent of W. slope of mountain.

71.50 Dry drain, course S. 75° W. Ascend steep NW. slope.

77.50 Set an iron post for the cor. of secs. 17, 18, 19 and 20, with cap stamped

T 2 S S 17 in NE. quadrant
R 1 E S 20 in SE. "
S 19 in SW. "
S 18 in NW. "

G R I R in N.
1912 in S.

5 notches on E. and 1 notch on W. edge

Build a mound of stone 2 ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor.

Survey of the S. bdy. of the Gila River Indian Reservation
through T. 2 S., R. 1 E.

Chains

Land, mountainous, 35.50 chs.; gradual ascent, 42.00 chs.
Soil, rocky, 3rd and 4th rate.
Timber, scattered ironwood and palo verde, 42.00 chs.
Brush, greasewood, 42.00 chs.
Barren, - 35.50 chs.

Jan. 5, 1912. At this cor., I set off 22° 41' S. on the decl. arc, and at 12h 05m 5s p.m., l.m.t., observe the sun on the meridian; the resulting lat. is 33° 15', which is within one minute of the proper lat.

East on a true line bet. secs. 17 and 20, which is also the S. bdy. of the Gila River Indian Reservation.

Ascending over rocky NW. slope of ridge, bearing N. 75° E. and S. 75° W.

29.00 Top of ascent, brs. NE. and SW. Begin descent.

39.80 Foot of descent; dry drain, course SW. Begin ascent.

40.00 Set an iron post for the 1/4 sec. cor. bet. secs. 17 and 20, with cap stamped

1/4 S 17 G R I R in N.
S 20 1912 in S.

Build a mound of stone 2 ft. base, 1 1/2 ft. high, N. of cor.

48.00 Top of ascent, brs. N. and S. Begin steep descent.

78.00 Dry drain, course S.

80.00 Set an iron post for the cor. of secs. 16, 17, 20 and 21, with cap stamped

T 2 S S 16 in NE. quadrant
R 1 E S 21 in SE. "
S 20 in SW. "
S 17 in NW. "

G R I R in N.
1912 in S.

4 notches on E. and 2 notches on W. edge

Build a mound of stone 2 ft. base, 1 1/2 ft. high, W. of cor.

Land, mountainous.
Soil, stony, 4th rate.
No timber.
Barren, 80.00 chs.

Jan. 5, 1912.

Jan. 6, 1912. At 8.00 a.m., l.m.t., I set off 33° 15' on the lat. arc, 22° 33' S. on the decl. arc, and determine a meridian with the solar, at the cor. of secs. 16, 17, 20 and 21.

Thence I run

East on a true line bet. secs. 16 and 21, along the S. bdy. of the Gila River Indian Reservation.

Survey of the S. bdy. of the Gila River Indian Reservation
through T. 2 S., R. 1 E.

Chains

Ascending over S. end of ridge, bearing N. and S.

23.77 Top of ridge, brs. N. and S.
Thence along S. slope of ridge, over rolling, rocky
ridges.

34.00 Head of dry drain, course S. 30° W.

40.00 True point for $\frac{1}{4}$ sec. cor. bet. secs. 16 and 21 falls on
slide rock, on steep bluff, which is unstable ground,
therefore at

44.10 Set an iron post for W.C. to the $\frac{1}{4}$ sec. cor. bet. secs.
16 and 21, with cap stamped

$\frac{1}{4}$ S 16 G R I R in N.
S 21 W C 1912 in S.

Build a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high, N. of
cor.

45.50 Dry drain, course S. 60° W.

80.00 True point for the cor. of secs. 15, 16, 21 and 22 falls
on large boulder where it is impossible to set corner,
therefore at a point 7.60 chs. East of the true point,
I set an iron post for W.C. to the cor. of secs. 15,
16, 21 and 22, with cap stamped

T 2 S S 15 in NE. quadrant
R 1 E S 22 in SE. "
S 21 in SW. "
S 16 in NW. "

G R I R in N.
W C 1912 in S.
3 notches on E. and W. edges

Build a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high, W. of
cor.

Land, mountainous.
Soil, rocky, 4th rate.
No timber.
Barren, 80.00 chs.

Jan. 6, 1912. At this cor., I set off 22° 34' S. on the
decl. arc, and at 12h 5m 32s p.m., l.m.t., observe the
sun on the meridian; the resulting lat. is 33° 15',
which is within one minute of the proper lat.

East on a true line bet. secs. 15 and 22, along the S. bdy.
of the Gila River Indian Reservation, (from the true
point for the cor. of secs. 15, 16, 21 and 22).

Steep ascent.

7.60 Top of ascent, brs. NW. and SE., also Montezuma Head.

W.C. to the cor. of secs. 15, 16, 21 and 22, above des-
cribed.

Thence along broken S. slope of ridge, brs. NW. and SE.

36.00 Head of dry drain, course SW.

40.00 True point for $\frac{1}{4}$ sec. cor. bet. secs. 15 and 22 falls on

Survey of the S. bdy. of the Gila River Indian Reservation
through T. 2 S., R. 1 E.

Chains	
	slide rock, on unstable ground, therefore at
45.00	Set an iron post for W.C. to the $\frac{1}{4}$ sec. cor. bet. secs. 15 and 22, with cap stamped $\frac{1}{4}$ S 15 G R I R in N. S 22 W C 1912 in E. Build a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high, N. of cor.
52.00	Top of Estrella Range, brs. N. 30° W. and S. 30° E. Begin steep descent.
80.00	Set an iron post for the cor. of secs. 14, 15, 22 and 23, with cap stamped T 2 S S 14 in NE. quadrant R 1 E S 23 in SE. " S 22 in SW. " S 15 in NW. " G R I R in N., 1912 in S. 2 notches on E. and 4 notches on W. edge Build a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor. Land, mountainous. Soil, rocky, 4th rate. No timber. Barren, 80.00 chs. Jan. 6, 1912.

	Jan. 8, 1912. At 8 a.m., l.m.t., I set off 33° 15' on the lat. arc, 22° 19' S. on the decl. arc, and determine a meridian with the solar, at the cor. of secs. 14, 15, 22 and 23. Thence I run East on a true line bet. secs. 14 and 23, along the S. bdy. of the Gila River Indian Reservation. Descending.
8.00	Dry drain, course NE. Foot of descent. Thence along N. slope of ridge, brs. NE. and SW. Begin ascent over rocky land.
24.00	Top of ridge, brs. NE. and SW. Begin descent.
40.00	True point for $\frac{1}{4}$ sec. cor. bet. secs. 14 and 23 falls on unstable ground, therefore at
41.85	Set an iron post for W.C. to the $\frac{1}{4}$ sec. cor. bet. secs. 14 and 23, with cap stamped $\frac{1}{4}$ S 14 G R I R in N. S 23 W C 1912 in S. Build a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high, N. of cor.
52.00	Foot of steep descent; dry drain, course NE. Thence over rough, rocky land, through greasewood and scattered palo verde, brs. N. and S.

Survey of the S. bdy. of the Gila River Indian Reservation
through T. 2 S., R. 1 E.

Chains

80.00 Set an iron post for the cor. of secs. 13, 14, 23 and 24, with cap stamped

T 2 S S 13 in NE. quadrant
R 1 E S 24 in SE. "
S 23 in SW. "
S 14 in NW. "

G R I R in N., 1912 in S.
1 notch on E. and 5 notches on W. edge

Build a mound of stone 2 ft. base, 1½ ft. high, N. of cor.

Land, mountainous. (Grazing, 28.00 chs.)
Soil, rocky, 4th rate.
Timber, scattered palo verde, 28.00 chs.
Brush, greasewood, 28.00 chs.
Barren, 52.00 chs.

Jan. 8, 1912. At this cor., I set off 22° 19' S. on the decl. arc, and at 12h 06m 24s p.m., l.m.t., observe the sun on the meridian; the resulting lat. is 33° 15', which is within one minute of the proper lat.

East on a true line bet. secs. 13 and 24, along the S. bdy. of the Gila River Indian Reservation.

Over rough, rocky land.

3.50 Dry drain, course NE.

21.00 Begin gradual ascent of N. slope of ridge, brs. N. 30° E. and S. 30° W.

29.00 Dry drain, course NE.

34.00 Begin steep ascent of ridge.

40.00 Top of ascent, brs. NE. and SW.
Set an iron post for ¼ sec. cor. bet. secs. 13 and 24, with cap stamped

¼ S 13 G R I R in N.
S 24 1912 in S.

Build a mound of stone 2 ft. base, 1½ ft. high, N. of cor.

Begin steep descent.

48.00 Foot of steep descent; enter brush brs. NW. and SE. Thence gradual descent along N. slope of ridge.

80.00 Dry drain, course N. 30° E.

85.23 Intersect the W. bdy. of T. 2 S., R. 2 E. at a point from which the cor. of secs. 18 and 19, T. 2 S., R. 2 E., brs. North 7.95 chs. dist., at which point

Set an iron post 3 ft. long, 3 ins. dia., 26 ins. in the ground, ~~with~~ for C.C. of sec. 13, T. 2 S., R. 1 E. and angle point on the Gila River Indian Reservation boundary, with cap stamped

G R I R in NE.
T 2 S R 1 E S 13 in NW.
1912 in S. ; 3 notches on N. and S. edges,

Survey of the S. bdy. of the Gila River Indian Reservation
through T. 2 S., R. 1 E.

Chains

and 6 notches on E. and W. edges.

Build a mound of stone 2 ft. base, 1½ ft. high, W. of cor.

Land, mountainous.
Soil, rocky, 4th rate.
No timber.
Barren, 85.23 chs.

Jan. 8, 1912.



West Boundary of T. 4 S., R. 2 E., being a part of
the West Boundary of the Gila River Indian Reservation.

Chains

Surveyed by R. A. Farmer, Topographer.

The iron posts used in this survey, unless otherwise described, are 3 ft. long, 1 inch in diameter, and are set 26 ins. in the ground.

Feb. 10, 1912. At 8h 00m a.m., l.m.t., I set off 33°07' on the lat. arc, 14° 36' S. on the decl. arc, and determine a meridian with the solar, at the cor. of Tps. 3 and 4 S., R. 2 E., on W. bdy. of Gila River Indian Reservation, previously described.

Thence I run

South on the W. bdy. of sec. 6, T. 4 S., R. 2 E., along the reservation boundary.

Through scattered timber, ascending.

10.00 Arroyo, 18 ft. deep, course E.

15.00 Begin steep ascent bearing NW. and SE. Leave timber bearing NW. and SE.

24.00 Canyon, 100 ft. deep, course N. 60° E.

38.00 Canyon, 100 ft. deep, course E.

40.00 Point for ¼ sec. cor. falls on steep slope among boulders; impracticable to set post; therefore at

43.50 Set an iron post for W.C. to the ¼ sec. cor. on the W.bdy. of sec. 6, with cap stamped

¼ S 6 G R I R in E.
W C 1912 in S.

Build a mound of stone 2 ft. base, 1½ ft. high, E. of cor.

W.C. falls on top of narrow ridge bearing E. and W. Begin descent.

50.00 Canyon, 100 ft. deep, course SW.

75.00 Foot of steep descent, brs. NW. and SE. Enter scattered timber along foot of hills. Thence gradual descent.

80.00 Set an iron post for cor. of secs. 6 and 7, with cap stamped

T 4 S 5 6 in NE. quadrant
R 2 E 3 7 in SE. "
G R I R in E.
1912 in S.

1 notch on N. and 5 notches on S. edges

(No B.T.s available).

Build a mound of stone 2 ft. base, 1½ ft. high, E. of cor.

Land, rough and mountainous.

West Boundary of T. 4 S., R. 2 E., being a part of
the West Boundary of the Gila River Indian Reservation.

Chains

Soil, rocky, 4th rate.
Brush, greasewood and cactus.
Scattered palo verde and ironwood timber, 20.00 chs.
(Grazing land, 20.00 chs.; barren, 60.00 chs.)

South on the W. bdy. of sec. 7, T. 4 S., R. 2 E., along
the reservation boundary.

Through scattered timber, gradually descending.

18.50 Arroyo, 10 lks. wide, course SW.

40.00 Set an iron post for $\frac{1}{4}$ sec. cor. on the W. bdy. of sec. 7,
with cap stamped

$\frac{1}{4}$ S 7 G R I R in E.
1912 in S.

(No B.T.s available).

Build a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high, E. of
cor.

83.40 Set temp. cor. of sec. 7, T. 4 S., R. 2 E., which will
also be the SW. cor. of the Gila River Indian Reserva-
tion.

The true point for ^{cor.} was determined Feb. 12, when running
the S. bdy. of the reservation through T. 4 S., R. 2 E.
and is at 83.30 chs., or 10 lks. N. of the temp. cor.

Land, gradual descent.
Soil, rocky, 4th rate.
Brush, greasewood and cactus.
Scattered timber, palo verde and ironwood.
(Grazing land, 83.40 chs.).

Feb. 10, 1912.

Resurvey of

S. bdy. of Gila River Indian Res'n through T. 4 S., R. 2 E.

Chains	<p>Surveyed by R. A. Farmer, Topographer,</p> <p>The iron posts used in this survey, unless otherwise described, are 3 ft. long, 1 inch in diameter, and are set 26 ins. in the ground.</p> <p>Feb. 11, 1912. At the cor. of secs. 7 and 12, T. 4 S., Rgs. 2 and 3 E., on the S. bdy. of the Gila River Indian Reservation, at 9h 57.5m p.m., l.m.t., I observe Polaris at western elongation, in accordance with instructions in the Manual, and mark the direction thus determined by a tack in a hub firmly set in the ground 5.00 chs. northerly of my station.</p> <p>Feb. 12, 1912. At 7h 00m a.m., l.m.t., I lay off the azimuth of Polaris 1° 23' to the East, and mark the meridian thus determined by a tack in a hub firmly set in the ground east of the point set last night. The magnetic bearing of this meridian is N. 13° 14' E.</p> <p>On this meridian I test my solar and find it to be in adjustment.</p> <p>Thence</p> <p>West on a random line along the S. bdy. of the reservation through T. 4 S., R. 2 E., making diligent search for the old corners. Finding no trace of same, I set temp.cors. at 40.00 and 80.00 chs., and at</p> <p>479.56 Intersect the west bdy. of the reservation at a point from which the cor. of Tps. 3 and 4 S., R. 2 E. brs. North 163.30 chs. and the temp. SW. cor. of sec. 7 bears S. 10 lks.</p> <p>Set an iron post 3 ft. long, 3 ins. dia., 26 ins. in the ground, for the SW. cor. of sec. 7, T. 4 S., R. 2 E., also the SW. cor. of the Gila River Indian Reservation, with cap stamped</p> <p style="text-align: center;">SW COR S 7 T 4 S R 2 E G R I R in NE. 1912 in S.</p> <p>Dig pits 36x36x12 ins. N. and E. of post 8 ft. dist.; and raise a mound of earth 5 ft. base, 2½ ft. high, NE. of cor.</p> <p>Feb. 13, 1912.</p> <p>Thence I run</p> <p>East on a true line on the S. bdy. of sec. 7, along the reservation bdy.</p> <p>Over smooth S. slope from mountain.</p> <p>9.56 Dry wash, 20 lks. wide, course S. 20° E.</p> <p>15.56 Dry wash, 20 lks. wide, course S.</p> <p>35.56 Dry wash, 10 lks. wide, course S. 20° E.</p> <p>39.56 Set an iron post for ¼ sec. cor. on the S. bdy. of sec. 7, also the S. bdy. of the reservation, with cap stamped</p>
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Resurvey of

S. bdy. of Gila River Indian Res'n, through T. 4 S., R. 2 E.

Chains

1/4 S 7 G R I R in N.
1912 in S.

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.;
and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high,
N. of cor.

40.00 Dry wash, 20 lks. wide, course S.

67.56 Road and dry wash bearing N. and S.

79.56 The cor. of secs. 7 and 8, on the S. bdy. of the reserva-
tion, previously described in notes of subdivision of
T. 4 S., R. 2 E.

Land, sloping S. and E.
Soil, 2nd rate.
Brush, small greasewood.

East on a true line on the S. bdy. of sec. 8, along the
reservation bdy.

Over nearly level land, through small greasewood brush.

40.00 Set an iron post for 1/4 sec. cor. on the S. bdy. of sec. 8,
also the S. bdy. of the reservation, with cap stamped

1/4 S 8 G R I R in N.
1912 in S.

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.;
and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high,
N. of cor.

80.00 The cor. of secs. 8 and 9, on the S. bdy. of the reserva-
tion, previously described in notes of subdivision of
T. 4 S., R. 2 E.

Land, level.
Soil, 2nd to 4th rate.
Brush, small greasewood and mesquite.

Feb. 13, 1912.

Feb. 14, 1912.

East on a true line on the S. bdy. of sec. 9, along the
reservation bdy.

Over level land, through small brush.

39.96 Set an iron post for 1/4 sec. cor. on the S. bdy. of sec. 9,
also the S. bdy. of the reservation, with cap stamped

1/4 S 9 G R I R in N.
1912 in S.

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.;
and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high,
N. of cor.

79.92 The cor. of secs. 9 and 10, on the S. bdy. of the reserva-
tion, previously described in notes of subdivision of
T. 4 S., R. 2 E.

Resurvey of

S. bdy. of Gila River Indian Res'n, through T. 4 S., R. 2 E.

Chains

Land, level.
Soil, 2nd and 3rd rate.
Brush, mesquite and greasewood.

East on a true line on the S. bdy. of sec. 10, along the reservation bdy.

- 19.98 Set an iron post for 1/16 sec. cor. No. 2, on S. bdy. of sec. 10 ($W\frac{1}{2}$), with cap stamped

1/16 S 10 G R I R No 2. in N.
1912 in S.

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, N. of cor.

- 39.96 Set an iron post for $\frac{1}{4}$ sec. cor. on S. bdy. of sec. 10, with cap stamped

$\frac{1}{4}$ S 10 G R I R in N.
1912 in S.

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, N. of cor.

- 59.94 Set an iron post for 1/16 sec. cor. No. 1, on the S. bdy. of sec. 10 ($E.\frac{1}{2}$), with cap stamped

1/16 S 10 G R I R No 1 in N.
1912 in S.

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, N. of cor.

- 79.92 The cor. of secs. 10 and 11, on the S. bdy. of the reservation, previously described in notes of subdivision of T. 4 S., R. 2 E.

Land, level.
Soil, 2nd rate.

East on a true line on the S. bdy. of sec. 11, along the reservation bdy.

Over level land.

- 20.02 Set an iron post for 1/16 sec. cor. No. 2, on the S. bdy. of sec. 11 ($W\frac{1}{2}$), with cap stamped

1/16 S 11 G R I R No 2. in N.
1912 in S.

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, N. of cor.

- 28.00 Road, brs. N. and S.

- 40.04 Set an iron post for $\frac{1}{4}$ sec. cor. on the S. bdy. of sec. 11, with cap stamped

$\frac{1}{4}$ S 11 G R I R in N.
1912 in S.

Resurvey of

S. bdy. of Gila River Indian Res'n, through T. 4 S., R. 2 E.

Chains	
	<p>Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist., and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, N. of cor.</p>
55.50	Dry wash, 20 lks. wide, course NE.
60.06	<p>Set an iron post for $1/16$ sec. cor. No. 1, on the S. bdy. of sec. 11 ($E\frac{1}{2}$), with cap stamped</p> <p style="text-align: center;">$1/16$ S 11 G R I R No 1 in N. 1912 in S.</p> <p>Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist., and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, N. of cor.</p>
80.08	<p>Point for cor. of secs. 11 and 12, on the S. bdy. of the reservation, previously described in notes of subdivision of T. 4 S., R. 2 E.</p> <p>Land, level. Soil, 2nd rate. Brush, mesquite and greasewood.</p> <p style="text-align: right;">Feb. 14, 1912.</p> <hr style="border-top: 1px dashed black;"/> <p>East on a true line on the S. bdy. of sec. 12, along the reservation bdy.</p> <p>Over level land.</p>
.20	Dry wash, 25 lks. wide, course NE.
20.02	<p>Set an iron post for $1/16$ sec. cor. No. 2, on the S. bdy. of sec. 12 ($W\frac{1}{2}$) with cap stamped</p> <p style="text-align: center;">$1/16$ S 12 No 2 G R I R in N. 1912 in S.</p> <p>Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, N. of cor.</p>
40.04	<p>Set an iron post for $\frac{1}{4}$ sec. cor. on S. bdy. of sec. 12, also S. bdy. of the reservation, with cap stamped</p> <p style="text-align: center;">$\frac{1}{4}$ S 12 G R I R in N. 1912 in S.</p> <p>Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, N. of cor.</p>
54.00	Dry wash, 30 lks. wide, course N.
60.06	<p>Set an iron post for $1/16$ sec. cor. No. 1, on the S. bdy. of sec. 12 ($E\frac{1}{2}$), with cap stamped</p> <p style="text-align: center;">$1/16$ S 12 No 1 G R I R in N. 1912 in S.</p> <p>Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, N. of cor.</p>
80.08	<p>The cor. of secs. 7 and 12, T. 4 S., Rgs. 2 and 3 E., previously described.</p> <p>Land, level. Soil, 2nd and 3rd rate. Brush, mesquite and greasewood.</p> <p style="text-align: right;">Feb. 12, 1912.</p>

Washington, D.C., *June 17,* 1915.

I hereby certify that the survey of the foregoing exterior lines was made under my direction and supervision and to the best of my knowledge and belief the field work was executed in strict accordance with the instructions received from the Commissioner of the General Land Office, dated Oct. 11, 1910, and the Manual of Surveying Instructions, and that these field notes are a correct representation thereof.

A. F. Dunnington

Topographer in Charge of Indian
Surveys.

CERTIFICATE OF ASSISTANTS.

We, the undersigned, hereby certify upon honor that we assisted, to the best of our skill and ability,
Guy P. Harrington _____, U. S. Surveyor, during the periods and in the capacities
 stated opposite our several signatures, in surveying all those parts or portions of **the Gila River**
Indian Reservation

of the **Gila & Salt River** _____ Meridian, in the State of **Arizona**

which are represented in the foregoing field notes as having been executed by him, and under his direc-
 tion; and that said survey has been, in all respects, to the best of our knowledge and belief, well and
 faithfully executed.

NAME.	PERIOD OF SERVICE.		CAPACITY.
	BEGUN.	ENDED.	
Earl G. Harrington	Dec. 5, 1910	May 10, 1911	Instrumentman
Hugh M. Neighbor	Dec. 5, 1910	May 10, 1911	Instrumentman
Drury F. Adkins	Dec. 5, 1910	Jan. 7, 1911	Axeman
John X. Miller	Dec. 5, 1910	Jan. 24, 1911	Axeman
Arthur Hicks	Dec. 5, 1910	March 16, 1911	Axeman
Mike Cavanaugh	Dec. 5, 1910	April 10, 1911	Axeman
Charles Hoebeke	Dec. 5, 1910	May 3, 1911	Flagman
A. O. Stinson	Dec. 5, 1910	May 10, 1911	Chainman
Louis G. Hurst	Dec. 5, 1910	May 10, 1911	Flagman
Clifford Mc Laughlin	Dec. 5, 1910	May 10, 1911	Axeman
Archie Strane	Dec. 5, 1910	May 10, 1911	Chainman
E. W. Hoagland	Dec. 5, 1910	May 10, 1911	Chainman
Myron E. Hays	Dec. 5, 1910	May 10, 1911	Chainman
Fred J. Bergener	Dec. 5, 1910	May 10, 1911	Moundman
J. W. Rodgers	Dec. 5, 1910	May 10, 1911	Moundman
Elmer L. Nye	Dec. 5, 1910	May 10, 1911	Axeman

Subscribed and certified to before me on the dates of the final service as shown above.

Guy P. Harrington

U. S. Surveyor.

307
COOK 2873

FINAL OATH OF UNITED STATES SURVEYOR.

I, Guy P. Harrington, U. S. Surveyor, do solemnly swear that, in pursuance of special instructions received from the Commissioner of the General Land Office by A. F. Dunnington, Topographer in Charge of Indian Surveys bearing date of the 11th day of October, 1910, I have well, faithfully, and truly, in my own proper person, and in strict conformity with said instructions, the Manual of Surveying Instructions, and the laws of the United States, surveyed all those parts or portions of

Gila River Indian Reservation

of the Gila & Salt River Meridian, in the State of Arizona, which are represented in the foregoing field notes as having been executed by me, and under my direction; and I do further solemnly swear that all the corners of said survey have been established and perpetuated in strict accordance with the Manual of Surveying Instructions, and the special written instructions of the Commissioner of the General Land Office and in the specific manner described in the field notes, and that the foregoing are the original field notes of such survey.

Guy P. Harrington

U. S. Surveyor.

Subscribed by said Guy P. Harrington, and sworn to before me }
this 20th day of March, 1915 }



Lucius Dills

U. S. Surveyor General for New Mexico.

APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

....., 191

The foregoing field notes of the survey of

executed by
under his special instructions dated, 191 , having been critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved.

U. S. Surveyor General.

I certify that the foregoing transcript of the field notes of the above-described surveys in, has been correctly copied from the original notes on file in this office.

U. S. Surveyor General.

CERTIFICATE OF ASSISTANTS.

We, the undersigned, hereby certify upon honor that we assisted, to the best of our skill and ability,
Robert A. Farmer _____, U. S. Surveyor, during the periods and in the capacities
 stated opposite our several signatures, in surveying all those parts or portions of _____

Gila River Indian Reservation

of the **Gila & Salt River** Meridian, in the State of **Arizona**

which are represented in the foregoing field notes as having been executed by him, and under his direction; and that said survey has been, in all respects, to the best of our knowledge and belief, well and faithfully executed.

NAME.	PERIOD OF SERVICE.		CAPACITY.
	BEGUN.	ENDED.	
Tom Barkley	March 22, 1911	April 8, 1911	Axeman
H. R. Mc Ginty	March 22, 1911	April 5, 1911	Axeman
Dan Nicoll	March 22, 1911	May 16, 1911	Moundman
Robert Blower	March 24, 1911	April 3, 1911	Moundman
Ed. Hurwitz	March 24, 1911	April 4, 1911	Axeman
Joe H. Walker	March 24, 1911	April 3, 1911	Chainman
W. G. Thompson	March 24, 1911	April 5, 1911	Flagman
H. W. Van Noate	March 24, 1911	May 16, 1911	Chainman
Fred'k C. Miller	March 24, 1911	May 16, 1911	Chainman
T. H. Biedenkoff	March 24, 1911	May 16, 1911	Chainman
F. W. Cable	March 24, 1911	May 16, 1911	Flagman
Geo. Lang	March 24, 1911	May 16, 1911	Chainman
Tim O'Connor	April 4, 1911	May 16, 1911	Axeman
A. G. Hollister	April 6, 1911	April 8, 1911	Chainman
H. C. Hatcher	April 6, 1911	May 16, 1911	Flagman
G. A. Patterson	April 7, 1911	May 16, 1911	Moundman
V. S. Gardner	April 7, 1911	May 16, 1911	Axeman
W. T. Voorhees	April 8, 1911	May 16, 1911	Axeman
Herbert Potter Edwards	April 8, 1911	April 8, 1911	Axeman
Lee C. Daves	March 22, 1911	May 16, 1911	Instrumentman
A. H. Greene	March 22, 1911	May 16, 1911	Instrumentman

Subscribed and certified to before me on the dates of the final service as shown above.

Robert A. Farmer

U. S. Surveyor.

304
2872

FINAL OATH OF UNITED STATES SURVEYOR.

I, **Robert A. Farmer** **Topographer**
~~U. S. Surveyor~~, do solemnly swear that, in pursuance
Commissioner of the General Land Office by
of special instructions received from the ~~U. S. Surveyor-General for~~
A. F. Dunnington, Topographer
bearing date of the **11th** day of **October**, 191 **0**, I have well, faithfully, and truly,
in my own proper person, and in strict conformity with said instructions, the Manual of Surveying
Instructions, and the laws of the United States, surveyed all those parts or portions of

Gila River Indian Reservation

of the **Gila & Salt**
River Meridian, in the State of **Arizona**, which are represented in
the foregoing field notes as having been executed by me, and under my direction; and I do further
solemnly swear that all the corners of said survey have been established and perpetuated in strict accord-
ance with the Manual of Surveying Instructions, and the special written instructions of the **Commissioner**
of the General Land Office ~~U. S. Surveyor-~~
~~General for~~ and in the specific manner described in the field notes, and that
the foregoing are the original field notes of such survey.

Robert A. Farmer

~~U. S. Surveyor.~~
Topographer

Subscribed by said **Robert A. Farmer**, and sworn to before me }
this **15th** day of **May**, 191 **1**.

Frank S. Ingalls

Surveyor-General of Arizona



APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

....., 191

The foregoing field notes of the survey of

executed by
under his special instructions dated, 191 , having been
critically examined, and the necessary corrections and explanations made, the said field notes, and the
surveys they describe, are hereby approved.

U. S. Surveyor General.

I certify that the foregoing transcript of the field notes of the above-described surveys in
....., has been correctly copied from the original notes on file in this office.

U. S. Surveyor General.

CERTIFICATE OF ASSISTANTS.

We, the undersigned, hereby certify upon honor that we assisted, to the best of our skill and ability,
Robert A. Farmer ^{Topographer}
~~U.S. Surveyor~~, during the periods and in the capacities
 stated opposite our several signatures, in surveying all those parts or portions of

Gila River Indian Reservation

of the Gila & Salt River Meridian, in the State of Arizona

which are represented in the foregoing field notes as having been executed by him, and under his direction; and that said survey has been, in all respects, to the best of our knowledge and belief, well and faithfully executed.

NAME.	PERIOD OF SERVICE.		CAPACITY.
	BEGUN.	ENDED.	
✓ Frank Brewis	Nov. 6, 1911	Feb. 16, 1912	Chainman
✓ Willis Thomas	Nov. 6, 1911	Feb. 16, 1912	Chainman
✓ Wm. H. Cooper	Nov. 6, 1911	Feb. 16, 1912	Moundman
✓ W. Watson Pickrell	Nov. 6, 1911	Feb. 16, 1912	Axeman
✓ T. H. Biedenkoff	Nov. 6, 1911	Feb. 16, 1912	Flagman
✓ Frank Strong	Nov. 27, 1911	Feb. 16, 1912	Axeman
✓ C. M. Leedy	Nov. 6, 1911	Feb. 16, 1912	Chainman
✓ Francis E. Joy	Nov. 6, 1911	Feb. 16, 1912	{ U.S. Surveyor Acting Instrumentman
✓ Allen Harding	Nov. 6, 1911	Feb. 16, 1912	Chainman
✓ A. J. Daves	Nov. 6, 1911	Feb. 16, 1912	Chainman
✓ G. A. Patterson	Nov. 6, 1911	Feb. 16, 1912	Moundman
✓ Tim O'Connor	Nov. 6, 1911	Feb. 16, 1912	Axeman
✓ Fred'k C. Miller	Nov. 6, 1911	Feb. 16, 1912	Axeman
✓ John A. Woods	Nov. 6, 1911	Feb. 16, 1912	Flagman
✓ Lee C. Daves	Nov. 6, 1911	Feb. 16, 1912	Instrumentman

Subscribed and certified to before me on the dates of the final service as shown above.

Robert A. Farmer

U.S. Surveyor.
 Topographer

304
BOOK 2873

FINAL OATH OF UNITED STATES SURVEYOR.

I, **Robert A. Farmer**, **Topographer**, U. S. Surveyor, do solemnly swear that, in pursuance of special instructions received from the **Commissioner of the General Land Office by A. S. Dunnington, Topographer in Charge of Indian Surveys** bearing date of the **11th** day of **October**, 191**0**, I have well, faithfully, and truly, in my own proper person, and in strict conformity with said instructions, the Manual of Surveying Instructions, and the laws of the United States, surveyed all those parts or portions of **Gila River Indian Reservation**

of the **Gila & Salt River** Meridian, in the State of **Arizona**, which are represented in the foregoing field notes as having been executed by me, and under my direction; and I do further solemnly swear that all the corners of said survey have been established and perpetuated in strict accordance with the Manual of Surveying Instructions, and the special written instructions of the **Commissioner of the General Land Office** and in the specific manner described in the field notes, and that the foregoing are the original field notes of such survey.

Robert A. Farmer

**U. S. Surveyor
Topographer**

Subscribed by said **Robert A. Farmer**, and sworn to before me }
this **16th** day of **February**, 191**2**

Frank S. Ingalls

Surveyor-General of Arizona



APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

191

The foregoing field notes of the survey of

executed by
under his special instructions dated , 191 , having been critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved.

U. S. Surveyor General.

I certify that the foregoing transcript of the field notes of the above-described surveys in , has been correctly copied from the original notes on file in this office.

U. S. Surveyor General.

FINAL OATH OF UNITED STATES SURVEYOR.

I, Guy P. Harrington, U. S. Surveyor, do solemnly swear that, in pursuance of special instructions received from the Commissioner of G.L.O., by A.F. Dunnington, Topographer in Charge of Indian Surveys bearing date of the 11th day of October, 1910, I have well, faithfully, and truly, in my own proper person, and in strict conformity with said instructions, the Manual of Surveying Instructions, and the laws of the United States, surveyed all those parts or portions of the addition to the Gila River Indian Reservation by Executive Order of July 31, 1911

of the Gila & Salt River Meridian, in the State of Arizona, which are represented in the foregoing field notes as having been executed by me, and under my direction; and I do further solemnly swear that all the corners of said survey have been established and perpetuated in strict accordance with the Manual of Surveying Instructions, and the special written instructions of the Commissioner of the G.L.O. and in the specific manner described in the field notes, and that the foregoing are the original field notes of such survey.

Guy P. Harrington
U. S. Surveyor.

Subscribed by said Guy P. Harrington, and sworn to before me }
this 20th day of February, 1912 }

C. W. Graves
U. S. Commissioner



C. W. Graves
United States Commissioner
First Judicial District of
Arizona.

APPROVAL.
OFFICE OF THE COMMISSIONER OF THE GENERAL LAND OFFICE
OFFICE OF THE UNITED STATES SURVEYOR GENERAL,
Washington, D.C., Sept. 1, 1920

The foregoing field notes of the survey of township exteriors and exterior boundaries of the Gila River Indian Reservation, Arizona,

Guy P. Harrington and Robert A. Farmer, in the capacity of U.S. surveyors, under direction of A.F. Dunnington, Topographer in Charge under his special instructions dated October 11, 1910, having been critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved.

(Signed) Clay Tallman
Commissioner of the General Land Office

I certify that the foregoing transcript of the field notes of the above-described surveys in the Gila River Indian Res., Ariz., has been correctly copied from the original notes on file in this office.

[Handwritten initials]

[Handwritten signature]

[Handwritten signature]

U.S. Surveyor General
Commissioner of the General Land Office