

Book "B"

Ordered filed G. L. O. letter "E" May 6-1913.
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BOOK 2389 2389

MAY 15 1913

FIELD NOTES

OF THE SURVEY OF THE

SUBDIVISION

of

T. 1 N., R. 5 E.,

SALT RIVER INDIAN RESERVATION,

Of the Gila and Salt River Principal Meridian,

In the State of ARIZONA,

EXECUTED BY

Robert A. Farmer,

Topographer,

In the capacity of U. S. Surveyor, under instructions dated October 11, 1910,

issued by the ~~United States Surveyor General to govern surveys included in~~

~~Group No. _____, which were approved by the Commissioner of the General Land~~

Office, to A. F. Dunnington, Topographer in Charge, 1910, pursuant to authority contained in the Act of

~~Congress dated _____, 1910~~

Survey commenced December 12-1910.

Survey completed December 15-1910.

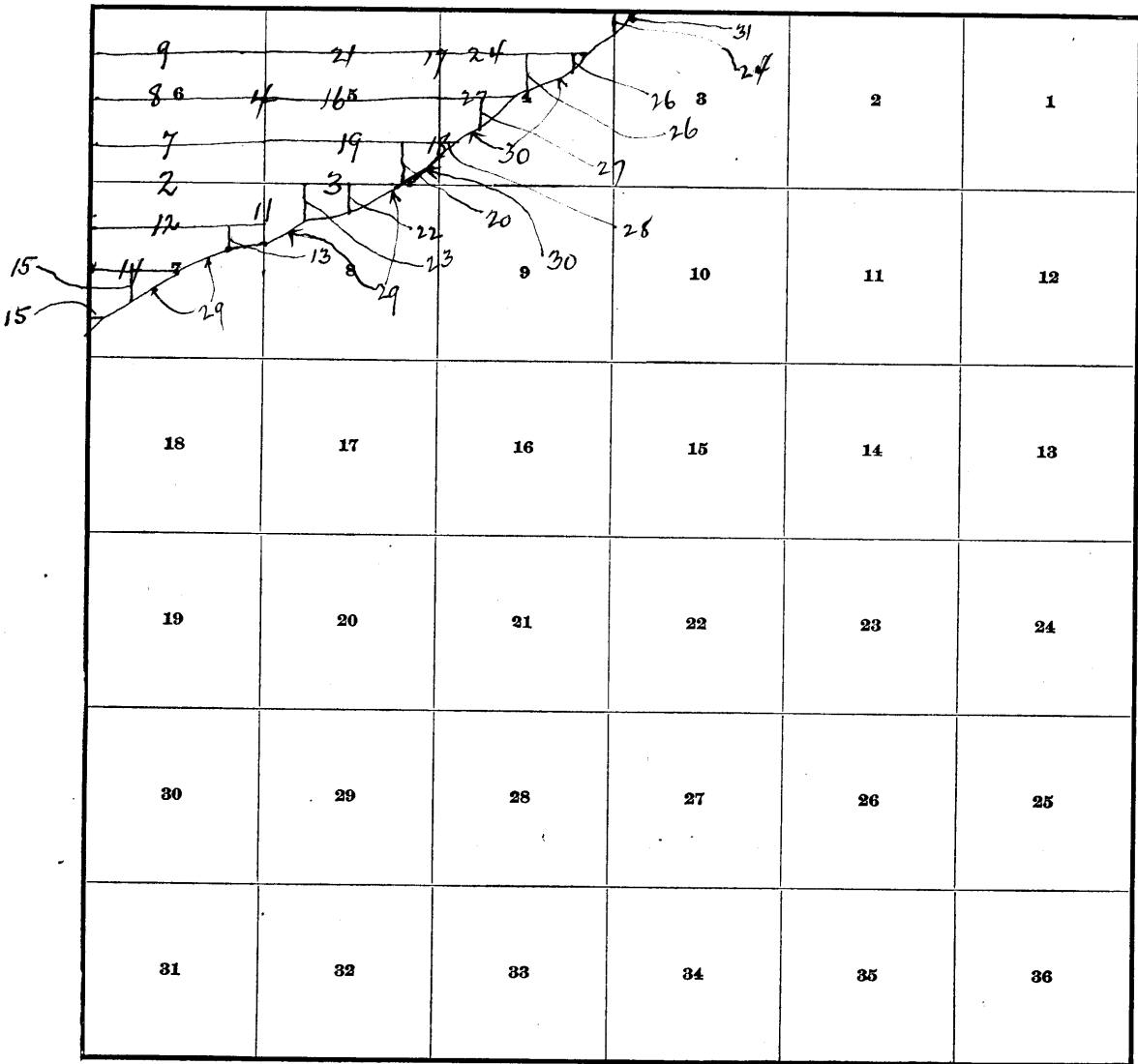
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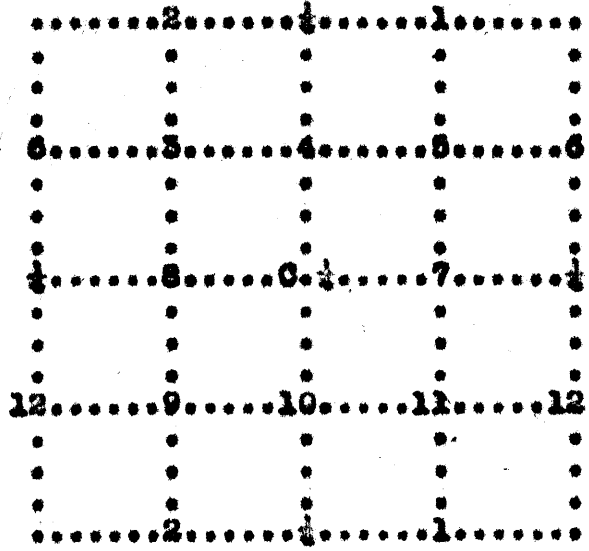
INDEX DIAGRAM.

Township 1 N., Range 5 E.



BOOK 2389

Diagram of a section, illustrating the numbering system of the 1/16 section corners.



Chains

December 12, 1910, survey commenced by Robert A. Farmer, Topographer and U. S. Surveyor, and executed with Young & Sons' transit No. 8300. The horizontal limb is provided with two double verniers placed opposite each other reading to single minutes of arc, which is also the least count of the verniers of the latitude and declination arcs.

This instrument was tested on meridian at my camp in sec. 32, T. 2 N., R. 5 E., and found to be correct. For Polaris observation, see Book "A" - exterior lines.

The iron posts used in this survey, unless otherwise described, are 3 ft. long, 1 inch in diam., and are set 26 ins. in the ground. The posts are pointed and driven, are filled with cement, and are fitted with brass caps.

NOTE:

The North and South lines in this township, I ran N. 0° 23' E., to be parallel with the West boundary, and to make my survey conform more closely to the old survey, as shown by two 1/16 sec. cors. found on the line bet. secs. 5 and 6. Also, the Indians in this part of the Salt River Indian Reservation are very prosperous, having good houses, and fences and roads which fit the lines on a bearing of N. 0° 23' E. much better than they would fit lines run North.

Because of the irregularity of the N. bdy. of T. 1 N., R. 5 E., I go to the cor. of secs. 1, 6, 7 and 12, on the W. bdy. of the tp., previously described. Thence I run East on a true line using this line as a sectional correction line from which to subdivide the township to the North and South. The NW.cor. of this tp. is: Lat. 33° 27' 55" N. Long. 111° 53' 24" W.

Dec. 12, 1910, at 8h., a.m., l.m.t., I set off 33° 27' N. on the lat. arc, 23° 0' S. on the decl. arc, and determine a meridian with the solar at the cor. of secs. 1, 6, 7 and 12, on the W. bdy. of the tp.

Chains

Thence I run

East on a true line bet. secs. 6 and 7,

Over flat land,

Through mesquite and sage brush, and scattered trees.

3.00 Road brs. N. 80° E. and S. 80° W.

5.90 Road brs. N. 45° E. and S. 45° W.

6.75 Brush fence, brs. N. and S.

Leave brush; enter field.

12.57 Wire fence brs. N. and S.

18.20 Wire fence brs. N. and S.

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

No 2 1/16 S 6 in N.
S 7 1910 " S.

From which -

Mesquite, 6 ins. in diam., brs. S. 71° 15' W., 150
lks. dist., mkd. 1/16 S 7 B T
Mesquite, 8 ins. in diam., brs. S. 18° E., 60 lks.
dist., mkd. 1/16 S 7 B T

20.60 Wire fence brs. N. and S.

27.05 Irrigation ditch, 10 lks. wide, course S. 80° W.

38.00 Irrigation ditch, 10 lks. wide, course S. 10° W.

38.30 Wire fence, brs. NE. and SW.

40.00 Set an iron post for $\frac{1}{4}$ sec. cor. bet. secs. 6 and 7, with
brass cap stamped

$\frac{1}{4}$ S 6 in N.
S 7 1910 in S.

From which -

Cottonwood, 24 ins. in diam., brs. S. 56° W., 4.02
chs. dist., mkd. $\frac{1}{4}$ S 7 B T
Cottonwood, 18 ins. in diam., brs. N. 57 $\frac{1}{2}$ ° E., 184
lks. dist., mkd. $\frac{1}{4}$ S 6 B T

48.05 Wire fence brs. N. and S.

56.10 Irrigation ditch, 15 lks. wide, course SW.

60.00 Set an iron post for 1/16 sec. cor. No. 1 bet. secs. 6
and 7, E $\frac{1}{2}$, with brass cap stamped

No 1 1/16 S 6 in N.
S 7 1910 " S.

From which -

Cottonwood, 24 ins. in diam., brs. S. 61° E., 84 lks.
dist., mkd. 1/16 S 7 B T

Chains

Cottonwood, 20 ins. in diam., brs. N. $29\frac{1}{2}^{\circ}$ E., 210
lks. dist., mkd. 1/16 S 6 B T

70.50 Middle of slough, 100 lks. wide, brs. NE. and SW.

Enter brush, brs. NE. and SW.

72.66 Dry wash, course SW.

75.00 Road brs. NE. and SW.

80.00 Set an iron post for cor. of secs. 5, 6, 7, and 8, with
brass cap stamped

T 1 N S 5 in NE. quadrant

R 5 E S 8 " SE. "

S 7 " SW. "

S 6 " NW. "

1910 " S.

5 notches on the S. and 5 on the E. edge.

From which -

Cottonwood, 36 ins. in diam., brs. N. $83\frac{1}{2}^{\circ}$ W., 134
lks. dist., mkd. T 1 N R 5 E S 6 B T

Cottonwood, 30 ins. in diam., brs. N. $13^{\circ}23'$ E., 64
lks. dist., mkd. T 1 N R 5 E S 5 B T

No other B.T.'s available.

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

After diligent search, find no trace of old cers. on this
line.

Land, flat, cultivated, 63.75 chs. Soil, 2nd rate.
Cottonwood timber along canals. Mesquite, arrow weed and
sage brush, 16.25 chs.

From the cor. of secs. 5, 6, 7 and 8, I run

East on a true line bet. secs. 5 and 8,

Over flat land, through brush and scattered trees.

5.60 Road brs. NW. and SE.

13.50 Dry slough, brs. NE. and SW.

19.40 Middle of dry wash, course SW.

20.00 Set an iron post for 1/16 sec. cor. No. 2 bet. secs. 5
and 8, $W\frac{1}{2}$, with brass cap stamped

No 2 1/16 S 5 in N.

S 8 1910 " S.

From which -

Cottonwood, 12 ins. in diam., brs. N. $85^{\circ}40'$ W., 136
lks. dist., mks. 1/16 S 8 B T

Cottonwood, 6 ins. in diam., brs. S. $27^{\circ}25'$ W., 113
lks. dist., mkd. 1/16 S 8 B T

40.00 Set an iron post for $\frac{1}{2}$ sec. cor. bet. secs. 5 and 8,
with brass cap stamped

Chains

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

From which -

Cottonwood, 18 ins. in diam., brs. S. $12^{\circ} 30'$ E.,
 217 lks. dist., mkd. $\frac{1}{4}$ S S B T
 Mesquite, 8 ins. in diam., brs. S. $35^{\circ} 48'$ E., 113
 lks. dist., mkd. $\frac{1}{4}$ S S B T

40.05 Middle of road, brs. N. and S.

40.90 Old irrigation ditch, 10 lks. wide, course SW.

49.20 Road brs. N. and S.

59.00 Intersect right bank of Salt River, 20 ft. high, ^{which river is} the S.

bdy. of Salt River Indian Reservation.

set an iron post for M. C. bet. secs. 5 and 8, with brass
 cap stamped

M C in E. S R I R in W.
 1910 in S.
 R S H S S in NW. quadrant
 T 1 N S S " SW. "
 5 notches on the S. edge.

from which -

Cottonwood, 8 ins. in diam., brs. S. $39\frac{1}{2}^{\circ}$ W., 87 lks.
 dist., mkd. T 1 N R S E S S M C B T
 Cottonwood, 6 ins. in diam., brs. S. 54° W., 104 lks.
 dist., mkd. T 1 N R S E S S M C B T

Thence over sand bar.

66.00 Edge of water.

Land, flat. At one time cultivated, now grown up with brush.

Soil, 2nd rate.

Timber, cottonwood along canals and edge of river.

Mesquite and sage brush.

From the cor. of secs. 5, 6, 7 and 8, I run

Parallel to W. bdy. of the tp.,

N. $0^{\circ} 23'$ E. on a true line bet. secs. 5 and 6

Over flat land,

Through scattered cottonwood timber,

Along ditches and mesquite brush.

1.40 Road brs. E. and W.

5.10 Middle of slough, 1 ch. wide, 2 ft. deep, no current,

brs. NE and SE

10.03 Wire fence brs. E. and W. Brush along fence.

Enter field.

Chains

- 10.10 Irrigation ditch, 15 lks. wide, course SW.
 20.00 Set an iron post for 1/16 sec. cor. No. 12, bet. secs. 5 and 6, S $\frac{1}{2}$, with brass cap stamped

No 12 in N.
 1/16 S 6 in W.
 S 5 in E.
 1910 in S.

From which -

Cottonwood, 22 ins. in diam., brs. N. 42° 40' E.,
 300 lks. wide, mkd. 1/16 S 5 B T
 Mesquite, 12 ins. in diam., brs. S. 53° 30' E. 440 lks.
 dist., mkd. 1/16 S 6 B T

At this cor., I find old 1/16 sec. cor., which is a mesquite post 3 ins. in diam., 18 ins. above ground, mkd. 1/16 on W. face. I destroy all signs of this old cor.

- 28.00 Wire fence brs. N. 5° W. and S. 5° E.
 30.64 Wire fence brs. N. 80° W. and S. 80° E.
 40.00 Set an iron post for $\frac{1}{4}$ sec. cor. bet. secs. 5 and 6,
 with brass cap stamped

$\frac{1}{4}$ S 6 in W. half
 S 5 " E. "
 1910 " S.

from which -

Cottonwood, 24 ins. in diam., brs. N. 44° 53' E.,
 293 lks. dist., mkd. $\frac{1}{4}$ S 5 B T
 Cottonwood, 36 ins. in diam., brs. N. 84° W., 243
 lks. dist., mkd. $\frac{1}{4}$ S 6 B T

After diligent search, find no signs of old $\frac{1}{4}$ sec. cor.

- 41.30 Irrigation ditch, 10 lks. wide, course W.
 53.50 Wire fence, brs. N. 80° W. and S. 80° E.
 Leave field; enter brush.
 60.00 set an iron post for 1/16 sec. cor. No. 6 bet. secs. 5 and 6, N $\frac{1}{2}$, with brass cap stamped

No 6 in N.
 1/16 S 6 in W.
 S 5 " E.
 1910 " S.

from which -

Mesquite, 8 ins. in diam., brs. N. 45° 5' W., 4.10
 chs. dist., mkd. 1/16 S 6 B T
 Mesquite, 8 ins. in diam., brs. S. 4° 56' W., 3.61
 chs. dist., mkd. $\frac{1}{16}$ S 6 B T

At this cor., I find the old 1/16 sec. cor. bet. secs. 5 and 6, N $\frac{1}{2}$, which is a mesquite post 3 ins. square, 18

Chains

ins. above ground, mkd. 1/16 on W. face. I destroy all trace of this old cor.

63.50 Road brs. N. 50° E. and S. 50° W.

64.00 Road brs. N. 80° E. and S. 80° W.

65.40 Wire fence, brs. E. and W.

Leave brush; enter field.

75.20 Wire fence brs. N. 1° W. and S. 1° E.

Leave cultivated land; enter dim road.

79.00 Irrigation ditch, 10 lks. wide, course W.

79.60 Middle of road, brs. E. and W.

79.85 Intersect N. bdy. of T. 1 N., R. 5 E., at a point 2.56 chs. N. 89° 50' W. of the cor. of secs. 31 and 32, T. 2 N., R. 5 E., previously described.

Point for cor. falls in public road which brs. E. and W.

Therefore, I measure S. 0° 23' W., and set an iron post for W. G. to cor. of secs. 5 and 6, T. 1 N., R. 5 E., in dim road from the South, with brass cap stamped

T 1 N S 6 in SW. quadrant

R 5 E S 5 " SE. "

W G 1910 " S.

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

From which-

Mesquite, 6 ins. in diam., brs. S. 86° 30' W., 118 lks. dist., mkd. T 1 N R 5 E S 6 W C B T
No other trees available.

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

Land, flat. Cultivated, 53.27 chs. Brush and road, 26.58 chs. Soil, 2nd rate.
Brush, mesquite.

From the 1/16 sec. cor. No. 12 bet. secs. 1 and 6, S $\frac{1}{2}$,

on the W. bdy. of the tp., previously described, I run

East on a random line through the S. $\frac{1}{2}$ of sec. 6.

20.00 Set temp. 1/16 sec. cor. No. 9.

40.00 Set temp. 1/16 sec. cor. No. 10.

60.00 Set temp. 1/16 sec. cor. No. 11.

79.96 Fall 4 lks. N. of 1/16 sec. cor. No. 12 bet. secs. 5 and 6, S $\frac{1}{2}$.

Thence I run

Chains

N. 89° 58' W. on a true line

Through the S. $\frac{1}{4}$ of sec. 6,

Over flat and cultivated land.

3.40 Wire fence brs. N. and S.

8.50 Wire fence brs. N. and S.

19.99 Set an iron post for 1/16 sec. cor. No. 11, in the center of the SE. $\frac{1}{4}$ of sec. 6, with brass cap stamped

No 11 in N.
1/16 S 6 in center
1910 in S.

from which the SE. cor. of adobe house brs. N. 84° W.,
281 lks. dist., unmarked.

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.

24.14 W. side of adobe house brs. N., 27 lks. dist.

26.30 Wire fence brs. N. and S.

Leave cultivated land; enter brush and scattered timber.

28.35 Road brs. NE. and SW.

39.98 get an iron post for 1/16 sec. cor. No. 10 ^{bet.} ~~at~~ the SE. and
SW. $\frac{1}{4}$ s of sec. 6, with brass cap stamped

No 10 in N.
1/16 S 6 in center
1910 in S.

from which -

Mesquite 6 ins. in diam., brs. N. 39° 40' E., 30 lks.
dist., mkd. 1/16 S 6 B T

Mesquite, 6 ins. in diam., brs. S. 14° 30' E., 57
lks. dist., mkd. 1/16 S 6 B T

41.60 Wire fence brs. N. and S. N. 50 lks. to cor.

Irrigation ditch, 10 lks. wide, .. course SW.

48.60 Wire fence brs. N. 80° E. and S. 80° W.

51.30 Road brs. N. and S.

57.00 Road brs. N. 60° E. and S. 60° W.

59.97 get an iron post for 1/16 sec. cor. No. 9 in the center of the SW. $\frac{1}{4}$ of sec. 6, with brass cap stamped

No 9 in N.
1/16 S 6 in center
1910 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.

No B.T.'s available.

63.00 Road brs. N. and S.

Chains

70.50 Indian grave yard, about $\frac{1}{4}$ acre, brs. N., 250 lks. dist.

79.96 The $\frac{1}{16}$ sec. cor. No. 12, bet. secs. 1 and 6, S $\frac{1}{4}$.

Land, flat. Field, 26.30chs. Mesquite brush, 53.66chs.
Soil, 2nd and 3rd rate.

December 12, 1910, at the $\frac{1}{4}$ sec. cor. bet. secs. 1 and 6, on the W. bdy. of the tp., previously described, I set off $23^{\circ} 3' S.$ on the decl. arc, and at 1h. 52m. 33s., a.m., l.m.t., observe the sun on the meridian; the resulting latitude is $33^{\circ} 28' N.$, which is within 1' of the correct latitude.

Thence I run

East on a random line

Through the middle of sec. 6.

20.00 Set temp. $\frac{1}{16}$ sec. cor. No. 8.

40.00 Set temp. C. $\frac{1}{4}$ sec. cor.

60.00 Set temp. $\frac{1}{16}$ sec. cor. No. 7.

79.96 Intersect the $\frac{1}{4}$ sec. cor. bet. secs. 5 and 6.

Thence I run

West on a true line

Through the middle of sec. 6,

Over flat, cultivated fields.

1.92 Wire fence brs. N. $5^{\circ} W.$ and S. $5^{\circ} E.$

Leave field; enter brush.

2.02 Irrigation ditch, 10 lks. wide, course S. $80^{\circ} W.$

9.00 Wire fence brs. N. $5^{\circ} W.$ and S. $5^{\circ} E.$

Leave brush; enter field.

18.56 Wire fence brs. N. and S.

Leave field; enter brush.

19.99 Set an iron post for $\frac{1}{16}$ sec. cor. No. 7 bet. the NE.

and SE. $\frac{1}{4}$ s of sec. 6, with brass cap stamped

No 7 in N.
 $\frac{1}{16}$ S 6 in center
1910 in S.

Dig pits $12 \times 18 \times 12$ ins. E. and W. of post 3 ft. dist.; and raise mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{4}$ ft. high, N. of cor. No B.T.'s available.

21.00 Middle of road, brs. N. $80^{\circ} E.$ and S. $80^{\circ} W.$

21.85 Wire fence, brs. N. $80^{\circ} E.$ and S. $80^{\circ} W.$

39.98 Set an iron post for C. $\frac{1}{4}$ sec. cor. of sec. 6, with

brass cap stamped

Chains

C $\frac{1}{4}$ S 6 in center
1910 in S.

Dig pits 18x18x12 ins. E., W. and S. 3 ft. and N. of post 7 ft. dist., and raise mound of earth 4 ft. base, 2 ft. high, N $\frac{1}{2}$ of cor.

41.20 Road brs. N. and S.

59.97 Set an iron post for 1/16 sec. cor. No. 8 bet. the NW.
and SW. ~~maxx~~ $\frac{1}{16}$ of sec. 6, with brass cap stamped

No 8 in N.
1/16 S 6 in center
1910 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.

69.00 Road brs. NW. and SE.

79.96 The $\frac{1}{4}$ sec. cor. bet. secs. 1 and 6.

Land, flat. Field, 11.48 chs. Brush, 68.48 chs.
Soil, E. 40.00 chs., 2nd rate. W. 39.96 chs., alkali,
3rd rate.
Greasewood and mesquite brush.

From the 1/16 sec. cor. No. 6 bet. secs. 1 and 6, N $\frac{1}{2}$, on
the W. bdy. of the tp., I run

East on a random line

Through the N. $\frac{1}{4}$ of sec. 6.

20.00 Set temp. 1/16 sec. cor. No. 3.

40.00 Set temp. 1/16 sec. cor. No. 4.

60.00 Set temp. 1/16 sec. cor. No. 5.

79.96 Fall 2 lks. N. of 1/16 cor. No. 6 bet. secs. 5 and 6, N $\frac{1}{2}$.

Thence I run

N. 89° 59' W. on a true line

Through the N. $\frac{1}{4}$ of sec. 6

Over flat land,

Through mesquite brush.

4.50 Road brs. N. 80° E. and S. 80° W.

8.30 E. side of adobe house, brs. N. 15 lks. dist.

8.85 Round adobe house brs. S. 3 lks. dist.

9.95 Wire fence brs. N. and S.

Leave brush; enter cultivated land.

10.77 Intersect E. face of adobe house.

13.50 Wire fence brs. N. 85° W. and S. 85° E.

Chains

19.50 Wire fence brs. N. 85° W. and S. 85° E.

19.99 Set an iron post for 1/16 sec. cor. No. 5 in the center of the NE. $\frac{1}{4}$ of sec. 6, with brass cap stamped

No 5 in N.
1/16 S 6 in center
1910 in S.

From which -

SE. cor. of adobe house brs. S. 71° 30' W., 287 lks. dist., unmarked.

No other bearing objects available.

Pits impracticable.

24.30 Intersect E. face of adobe hut.

30.00 Chicken house on line, 10 ft. square.

33.00 Irrigation ditch, 15 lks. wide, course S.

39.40 Wire fence brs. N. and S.

39.68 Middle of road, brs. N. and S.

39.88 Wire fence brs. N. and S.

39.98 Set an iron post for 1/16 sec. cor. No. 4 bet. the NE. and NW. $\frac{1}{4}$ s of sec. 6, with brass cap stamped

No 4 in N.
1/16 S 6 in center
1910 in S.

From which -

SE. cor. of adobe hut brs. N. 57° 45' W., 310 lks. dist., unmarked.

NR. cor. of adobe hut brs. S. 60° 45' E., 582 lks. dist., unmarked.

45.60 Wire fence brs. N. and S.

55.50 Irrigation ditch, 10 lks. wide, course S.

59.65 Wire fence brs. N. and S.

59.97 Set an iron post for 1/16 sec. cor. No. 3 in the center of the NW. $\frac{1}{4}$ of sec. 6, with brass cap stamped

No 3 in N.
1/16 S 6 in center
1910 in S.

From which -

Mesquite, 10 ins. in diam., brs. S. 11° E., 36 lks. dist., mkd. 1/16 S 6 B T

No other tree available.

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.

Chains

79.96 The 1/16 sec. cor. No. 6 bet. secs. 1 and 6, N 1/4.
 Land, flat. Field, 70.01 chs. Mesquite brush, 9.96 chs.
 Soil, 2nd rate.
 Timber, a few large mesquite trees along fences and
 ditches.
 - December 12, 1910.

December 14, 1910. -

From the cor. of secs. 5, 6, 7 and 8, I run
 S. 0° 23' W. on a true line bet, secs. 7 and 8,
 Over flat land,

Through sage and mesquite brush.

3.20 Road brs. N. 45° E. and S. 45° W.

5.00 Dry wash, course W.

9.75 Dry wash, course W.

18.10 Set an iron post for W. C. to 1/16 sec. cor. No. 6 bet.
 secs. 7 and 8, N 1/4, with brass cap stamped

No 6 in N.
 1/16 S 7 in W.
 S 8 " E.
 W C 1910 in S.

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

18.50 Bank 7 ft. high. Thence across low sandy ground.

20.00 Point for 1/16 sec. cor. No. 6 bet. secs. 7 and 8, N 1/4,
 falls in unsafe ground.

23.77 Intersect right bank of N. channel of Salt River, the S.
 bdy. of Salt River Indian Reservation. ^{which river is}

At point of intersection, set an iron post for M. C. bet.
 secs. 7 and 8, with brass cap stamped

M C 1910 in S.
 S R I R " N.
 T I N S 8 in NE. quadrant
 R S E S 7 " NW. "
 5 notches on the E. edge.

from which -

Cottonwood, 8 ins. in diam., brs. S. 61° 45' E., 364
 lks. dist., mkd. T I N R S E S 8 M C B T
 Cottonwood, 8 ins. in diam., brs. S. 43° 50' W., 158
 lks. dist., mkd. T I N R S E S 7 M C B T

Land, flat. Sandy loam, 15.50 chs., 2nd rate.
 Sand bar, 5.27 chs., 3rd rate.
 Mesquite brush and a few cottonwood trees at edge of
 river channel.

Chains

from the 1/16 sec. cor. No. 6 bet. secs. 7 and 12, N $\frac{1}{2}$,
on the W. bdy. of the tp., previously described, I run
East on a random line through the N. $\frac{1}{2}$ of sec. 7.

20.00 Set temp. 1/16 sec. cor. No. 3.

40.00 Set temp. 1/16 sec. cor. No. 4.

60.00 get temp. 1/16 sec. cor. No. 5.

80.00 Fall 4 lks. N. of true point for 1/16 sec. cor. No. 6
bet. secs. 7 and 8, N $\frac{1}{2}$, (which point is 1.90 chs. S. 0°
23' W. of W. C. to the 1/16 sec. cor. No. 6).

Thence I run

N. 89° 58' W. on a true line

Through the N. $\frac{1}{2}$ of sec. 7

Over flat land,

Through scattered cottonwood trees and mesquite brush

1.45 Begin ascent of bank, 8 ft. high.

1.55 Top of bank.

Thence over flat land, through dense sage brush.

5.45 Gulch, 14 ft. deep, course S.

7.25 Road brs. NE. and SW.

20.00 get an iron post for 1/16 sec. cor. No. 5 in the center
of the NE. $\frac{1}{4}$ of sec. 7, with brass cap stamped

No 5 in N.
1/16 S 7 in center
1910 in S.

From which -

Cottonwood, 12 ins. in diam., brs. N. 32° W., 121
lks. dist., mkd. 1/16 S 7 B T

No other tree available.

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.

27.70 Road brs. N. 30° E. and S. 30° W.

Enter thick arrowweed brush.

29.80 Middle of shallow water slough, 150 lks. wide, course SW.

37.40 Deep gulch, 60 lks. wide, course SW.

40.00 Set an iron post for 1/16 sec. cor. No. 4 bet. the NE.
and NW. $\frac{1}{4}$ s of sec. 7, with brass cap stamped

No 4 in N.
1/16 S 7 in center
1910 in S.

Chains

From which -

Cottonwood, 36 ins. in diam., brs. S. 84° 45' W.,
151 lks. dist., mkd. 1/16 S 7 B T
Mesquite, 18 ins. in diam., brs. S. 54° 8' W., 167
lks. dist., mkd. 1/16 S 7 B T

- 41.33 Irrigation ditch, 10 lks. wide, course S. 40° W.
42.33 Wire fence brs. N. and S.
Leave brush and scattered trees; enter field.
51.84 Wire fence brs. N. and S.
59.06 Wire fence brs. N. and S.
60.00 Set an iron post for 1/16 sec. cor. No. 3 in the center
of the NW. $\frac{1}{4}$ of sec. 7, with brass cap stamped
No 3 in N.
1/16 S 7 in center
1910 in S.

from which -

Mesquite, 6 ins. in diam., brs. S. 57° 50' E., 136
lks. dist., mkd. 1/16 S 7 B T
Cottonwood, 24 ins. in diam., brs. N. 16° 15' E., 62
lks. dist., mkd. 1/16 S 7 B T

- 63.00 Wire fence brs. N. and S.
63.47 Wire fence brs. N. and S.
70.60 Wire fence brs. N. and S.
79.10 Brush and wire fence, brs. N. 5° W. and S. 5° E.
80.00 The 1/16 sec. cor. No. 6 bet. secs. 7 and 8, N $\frac{1}{2}$, on the
W. bdy. of the tp.
Land, E. $\frac{1}{2}$, brushy and cut by washes; W. $\frac{1}{2}$, cultivated
fields.
Soil, 2nd rate.
A few scattered cottonwood trees along ditches.

From the 1/16 sec. cor. No. 5 in the center of the NE. $\frac{1}{4}$
of sec. 7, I run

S. 0° 23' W. on a true line

Through the middle of the NE. $\frac{1}{4}$ of sec. 7,

Over flat land,

Through brush.

- 4.00 Bank, 8 ft. high.

Leave sage brush; thence across low sandy land,

Through scattered cottonwood timber.

- 7.69 Cottonwood, 6 ins. diam., on line. which river is
8.52 Intersect right bank of Salt River (N. channel), the S.

Chains

bdy. of Salt River Indian Reservation.

At point of intersection, set an iron post for M. C. of
sec. 7, with brass cap stamped

M C 1910 in S.
1/16 S 7 S R I R in N.

From which -

Cottonwood, 6 ins. in diam., brs. N. 0° 23' E., 83
lks. dist., mkd. 1/16 S 7 M C B T
Cottonwood, 6 ins. in diam., brs. S. 56° 15' E., 282
lks. dist., mkd. 1/16 S 7 M C B T

Land, flat and sandy.

Soil, 2nd rate.

Timber, a few cottonwood trees along river.

Sage brush and mesquite.

From the $\frac{1}{4}$ sec. cor. bet. secs. 7 and 12, on the W. bdy.
of the tp., previously described, I run

East on a true line

Through the middle of sec. 7,

Over flat, cultivated land.

3.70 Wire fence brs. N. and S.

10.70 Wire fence brs. N. and S.

17.72 Wire fence brs. N. and S.

19.10 Irrigation ditch, 15 lks. wide, course S. 45° W.

Large cottonwood trees along course.

Leave cultivated land; enter brush.

20.00 Set an iron post for 1/16 sec. cor. No. 8 bet. the NW.
and SW. $\frac{1}{4}$ s of sec. 7, with brass cap stamped

No 8 in N.
1/16 S 7 in center
1910 in S.

From which -

Cottonwood, 14 ins. in diam., brs. N. 6° E., 34 lks.
dist., mkd. 1/16 S 7 B T
Cottonwood, 18 ins. in diam., brs. N. 64° W., 43 lks.
dist., mkd. 1/16 S 7 B T

31.30 W. edge of slough, brs. NE. and SW.

33.08 Middle of slough, shallow water.

34.00 E. edge of slough.

38.25 Road brs. N. 15° E. and S. 15° W.

40.00 Intersect right bank of Salt River (N.channel), the S. bdy.
of Salt River Indian Reservation. ^{which river is}

Chains

At point of intersection, set an iron post for C. $\frac{1}{4}$ sec. cor. and also M. C. of sec. 7, with brass cap stamped
 M C in E.
 1910 in S.
 S R I R C $\frac{1}{4}$ S 7 in W.
 Dig a pit 36x36x12 ins. 8 ft. W. of post and raise mound of earth 4 ft. base, 2 ft. high, W. of cor.
 Land, level; cultivated, 19.10 chs. Soil, 2nd rate.
 Sage brush, 20.90 chs. A few scattered cottonwood trees.

From the $\frac{1}{16}$ sec. cor. No. 8 bet. the NW. and SW. $\frac{1}{4}$ s of sec. 7, I run

S.0°23'W. on a true line through middle of SW. $\frac{1}{4}$ of sec. 7,
 Over flat land, through mesquite and sage brush.

2.05 Read brs. N. 20°W. and S. 20° E.

11.27 Intersect right bank (12 ft. high) of N. channel of Salt River, course S. 60° W., which river is S. bdy. of Salt River Indian Reservation.
 At point of intersection, set an iron post for M. C. of sec. 7, with brass cap stamped

M C 1910 in S.
 $\frac{1}{16}$ S 7 S R I R in N.

from which-

Mesquite, 8 ins. in diam., brs. N. 64° E., 96 lbs.
 dist., mkd. $\frac{1}{16}$ S 7 M C B T
 No other tree available.

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

13.27 Edge of water.

Land, flat and sandy. Soil, 2nd rate,
 Brush: Sage and mesquite.

From the $\frac{1}{16}$ sec. cor. No. 12 bet. secs. 7 and 12, on the W. bdy. of the tp., previously described, I run

East on a true line through S. $\frac{1}{4}$ of sec. 7,

Through cultivated field.

4.40 Intersect right bank of Salt River, which river is the S. bdy. of the Salt River Indian Reservation.
 At point of intersection, set an iron post for M. C. of sec. 7, with brass cap stamped

M C in E.
 $\frac{1}{16}$ S 7 S R I R in W.
 1910 in S.

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

Land, level.
 Soil, 2nd rate.

- December 14, 1910.

Dec. 13, 1910, at 8h., a.m., l.m.t., I set off 33°28'N. on the lat. arc, 23°3'S. on the decl. arc, and determine a meridian with the solar at the $\frac{1}{4}$ sec. cor. bet. secs. 5 and 6.

Thence I run

Chains

East on a true line

Through the middle of sec. 5,

Over flat land,

Through cultivated field.

- 2.85 Wire fence, brs. N. 5° W. and S. 5° E.
 8.40 Brush shed, 50 lks. long, on line.
 14.00 Wire fence brs. N. 80° E. and S. 80° W.
 19.30 Wire fence brs. N. and S.
 20.00 set an iron post for 1/16 sec. cor. No. 8 bet. the NW.
 and SW. $\frac{1}{8}$ s of sec. 5, with brass cap stamped

No 8 in N.
 1/16 S 5 in center
 1910 in S.

From which -

Mesquite, 12 ins. in diam., brs. N. 23 $\frac{1}{2}$ ° W., 111 lks.
 dist., mkd. 1/16 S 5 B T
 Mesquite, 12 ins. in diam., brs. N. 58 $\frac{1}{2}$ ° E., 267 lks.
 dist., mkd. 1/16 S 5 B T

- 33.90 Wire fence brs. N. and S.
 34.30 Middle of road, brs. N. 5° W. and S. 5° E.
 Leave cultivated land; enter mesquite brush.
 40.00 Set an iron post for C. $\frac{1}{4}$ sec. cor. of sec. 5, with brass
 cap stamped

C $\frac{1}{4}$ S 5 in center
 1910 in S.

From which -

Mesquite, 8 ins. in diam., brs. N. 38 $\frac{1}{2}$ ° E., 245 lks.
 dist., mkd. C $\frac{1}{4}$ S 5 B T
 Mesquite, 6 ins. in diam., brs. S. 55 $\frac{1}{2}$ ° E., 312 lks.
 dist., mkd. C $\frac{1}{4}$ S 5 B T

- 48.30 Irrigation ditch, 15 lks. wide, course SW.
 Leave mesquite brush; enter field.
 49.00 Wire fence brs. NE. and SW.
 59.10 Wire fence brs. N. and S.
 60.00 Set an iron post for 1/16 sec. cor. No. 7 bet. the NE.
 and SE. $\frac{1}{8}$ s of sec. 5, with brass cap stamped

No 7 in N.
 1/16 S 5 in center
 1910 in S.

From which -

Cottonwood, 36 ins. in diam., brs. N. 60° 20' W.,
 449 lks. dist., mkd. 1/16 S 5 B T

Chains

Cottonwood, 24 ins. in diam., brs. S. 50° 40' E.,
5.00 chs. dist., mkd. 1/16 S 5 B T

63.00 Wire fence brs. N. and S.

71.00 Wire fence brs. N. and S.

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

$\frac{1}{4}$ S 5 in W.
S 4 " E.
1910 " S.

from which -

Mesquite, 8 ins. in diam., brs. N. 89 $\frac{1}{2}$ ° W., 82 lks.
dist., mkd. $\frac{1}{4}$ S 5 B T
Cottonwood, 72 ins. in diam., brs. S. 77 $\frac{1}{2}$ ° E., 259
lks. dist., mkd. $\frac{1}{4}$ S 5 B T

Land, flat. Cultivated, 66.00 chs. Brush and timber,
14.00 chs.

Soil, 2nd rate.

Timber, scattered cottonwood trees along ditches and a
few large mesquites.

From the $\frac{1}{4}$ sec. cor. bet. secs. 4 and 5, I run

N. 0° 23' E. on a true line bet. secs. 4 and 5, N $\frac{1}{4}$.

Over flat, cultivated land.

12.20 Irrigation ditch, 15 lks. wide, course S. 75° W.

16.80 Brush and wire fence, brs. N. 10° W. and S. 10° E.

20.00 Set an iron post for 1/16 sec. cor. No. 6 bet. secs. 4
and 5, N $\frac{1}{4}$, with brass cap stamped

No 6 in N.
1/16 S 5 in W.
S 4 " E.
1910 " S.

from which -

Cottonwood, 16 ins. in diam., brs. S. 61 $\frac{1}{2}$ ° E., 4.12
chs. dist., mkd. 1/16 S 4 B T
Mesquite, 12 ins. in diam., brs. N. 25° 20' W., 274
lks. dist., mkd. 1/16 S 5 B T

35.65 Wire fence brs. N. 80° E. and S. 80° W.

Leave field; enter yard.

37.20 Irrigation ditch, 10 lks. wide, course S. 80° W.

38.00 S. side of adobe house brs. W., 100 lks. dist.

39.40 Wire fence brs. E. and W.

Leave yard; enter road.

39.96 Intersect N. bdy. of tp., at a point 13 lks. N. 89° 50'

Chains

West of the point for old cor. of secs. 4, 5, 32 and 33, Tps. 1 and 2 N., R. 5 E., (at which point a temp. stake was set for the purpose of alignment only and then abandoned), and 80.04 chs. S. 89° 50' E. of the cor. of secs. 5 and 6, T 1 N., R. 5 E.

Point for cor. falls in middle of public E. and W. road. I therefore measure S. 0° 23' W., 50 lks. dist., and set an iron post for W. C. to cor. of secs. 4 and 5, on the N. bdy. of T. 1 N., R. 5 E., with brass cap stamped

T 1 N S 5 in SW. quadrant
R 5 E S 4 " SE. " "
1910 " S.

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

From which-

Cottonwood, 20 ins. in diam., brs. S. 11° E., 190 lks. dist., mkd. T 1 N R 5 E S 4 B T
Cottonwood, 36 ins. in diam., brs. S. 23° 30' W., 374 lks. dist., mkd. T 1 N R 5 E S 5 B T

Land, flat.
Soil, 2nd rate.
Timber, cottonwood trees along ditches and road.
Mesquite brush along fences.

Returning to the $\frac{1}{16}$ sec. cor. bet. secs. 4 and 5,

Thence I run

S. 0° 23' W. on a true line bet. secs. 4 and 5, $8\frac{1}{2}$,

Over flat, cultivated land.

9.00 Leave cultivated land, enter brush, brs. N. 45° E. and S. 45° W.

11.00 N. side of dry slough, 15 ft. deep, course SW.

12.05 Middle of road, brs. NE. and SW.

13.55 S. side of same slough.

20.00 Set an iron post for $\frac{1}{16}$ sec. cor. No. 12 bet. secs. 4 and 5, $8\frac{1}{2}$, with brass cap stamped

No 12 in N.
 $\frac{1}{16}$ S 5 in W.
S 4 " E.
1910 " S.

From which -

Cottonwood, 8 ins. in diam., brs. N. 1° W., 152 lks. dist., mkd. $\frac{1}{16}$ S 5 B T
No other B.T. available.
Pits impracticable.

21.39 Intersect right bank of Salt River, 15 ft. high, course SW., which river is S. bdy. of the Salt River Indian Reservation.

Chains

At point of intersection, set an iron post for M. C. of secs.

4 and 5, with brass cap stamped

M C 1910 in S. S R I R in N.
 T 1 N S 4 in NE. quadrant
 R S E S 5 " NW. "
 4 notches on the E. edge.

Raise mound of stone 2 ft. base, 2 ft. high, N. of cor.

No B.T.'s available.

23.39 Edge of water.

Land, flat. Cultivated, 11.00 ahs. Brushy, 10.39 ahs.
 Soil, 2nd rate.

Timber, a few cottonwood trees, willow and arrowweed
 brush along river.

Dec. 13, 1910, at the 1/16 sec. cor. No. 12 bet. secs. 5
 and 6, S $\frac{1}{4}$, I set off 23° 3' S. on the decl. arc, and at
 11h. 54m. a.m., l.m.t., observe the sun on the meridian;
 the resulting latitude is 33° 27' N., which is within 1'
 of the correct latitude.

Thence I run

East on a random line through the S. $\frac{1}{4}$ of sec. 5.

20.00 Set temp. 1/16 sec. cor. No. 9.

40.00 Set temp. 1/16 sec. cor. No. 10.

60.00 Set temp. 1/16 sec. cor. No. 11.

80.00 Intersect the 1/16 sec. cor. No. 12 bet. secs. 4 and 5,
 S $\frac{1}{4}$.

Thence I run

West on a true line

Through the S $\frac{1}{4}$ of sec. 5

Over flat land,

Through dense arrow weed and willow brush, and scattered
 cottonwood trees.

4.00 Road hrs. NE. and SW.

20.00 get an iron post for 1/16 sec. cor. No. 11 in the center
 of the SE. $\frac{1}{4}$ of sec. 5, with brass cap stamped

No 11 in N.
 1/16 S 5 in center
 1910 in S.

From which -

Cottonwood, 8 ins. in diam., hrs. N. 84 $\frac{1}{2}$ ° E., 44
 lks. dist., mkd. 1/16 S 5 B T
 Cottonwood, 6 ins. in diam., hrs. S. 12 $\frac{1}{2}$ ° E., 19
 lks. dist., mkd. 1/16 S 5 B T

Chains

- 24.00 E. edge of dry slough, course S. 15° W.
- 31.00 Road brs. N. 15° E. and S. 15° W.
- 34.10 W. edge of dry slough, course S. 15° W.
- 40.00 Set an iron post for 1/16 sec. cor. No. 10 bet. the SE. and SW. $\frac{1}{4}$ s of sec. 5, with brass cap stamped
- No 10 in N.
1/16 S 5 in center
1910 in S.
- from which -
- Mesquite, 8 ins. in diam., brs. N. 42 $\frac{1}{4}$ ° E., 227 lks.
dist., mkd. 1/16 S 5 B T
- Mesquite, 8 ins. in diam., brs. S. 70 $\frac{1}{4}$ ° W., 158 lks.
dist., mkd. 1/16 S 5 B T
- 41.00 Road brs. N. and S.
- Leave thick brush; enter cultivated land.
- 45.00 Road brs. NE. and SW.
- 54.60 Wire fence brs. N. and S.
- 58.40 Wire fence brs. N. and S.
- 60.00 Set an iron post for 1/16 sec. cor. No. 9 in the center of the SW. $\frac{1}{4}$ of sec. 5, with brass cap, stamped
- No 9 in N.
1/16 S 5 in center
1910 in S.
- From which -
- Mesquite, 20 ins. in diam., brs. N. 57° 15' E., 173 lks. dist., mkd. 1/16 S 5 B T
- Mesquite, 10 ins. in diam., brs. S. 71° E., 170 lks. dist., mkd. 1/16 S 5 B T
- 69.90 Irrigation ditch, 15 lks. wide, course S. 60° W.
- 77.15 Brush and wire fence, brs. N. 5° W. and S. 5° E.
- 80.00 The 1/16 sec. cor. No. 12 bet. secs. 5 and 6, S $\frac{1}{4}$.
- Land, flat. S $\frac{1}{4}$ covered with thick sage, arrowweed and mesquite brush. W $\frac{1}{4}$, cultivated.
Soil, 2nd rate.
Scattered cottonwood trees.

from the 1/16 sec. cor. No. 11 in the center of the SE. $\frac{1}{4}$ of sec. 5, I run

S. 0° 23' W. on a true line

Through the middle of the SE. $\frac{1}{4}$ of sec. 5,

Over sandy land,

Through dense brush.

Chains

- 3.00 Road brs. N. 80° E. and S. 80° W.
- 18.89 Right bank of Salt River, 6 ft. high, course S. 30° W.,
which river is
the S. bdy. of Salt River Indian Reservation.
Set an iron post for N. C. of sec. 5, with brass cap
stamped
M C 1910 in S.
1/16 S 5 S R I R in N.
from which -
Cottonwood, 6 ins. in diam., brs. S. 58½° E., 42 lks.
dist., mkd. 1/16 S 5 M C B T
No other B.T. available.
Dig a pit 36x36x12 ins. 8 ft. N. of post, and raise
mound of earth 4 ft. base, 2 ft. high, N. of cor.
Thence across low sandy flat.
- 24.89 Edge of water.
Land, flat, cut by washes.
Soil, 2nd rate.
Scattered cottonwood trees.
Dense arrowweed and sage brush.
-
- From the 1/16 sec. cor. No. 6 bet. secs. 5 and 6, N½,
I run
East on a random line through the N½ of sec. 5.
- 20.00 Set temp. 1/16 sec. cor. No. 3.
- 40.00 Set temp. 1/16 sec. cor. No. 4.
- 60.00 Set temp. 1/16 sec. cor. No. 5.
- 80.00 Fall 10 lks. N. of 1/16 sec. cor. No. 6 bet. secs. 4 and
5, N½.
Thence I run
N. 89° 56' W. on a true line
Through the N. ½ of sec. 5
Over flat, cultivated land,
Through scattered mesquite.
- 1.00 Brush and wire fence, brs. N. 10° W. and S. 10° E.
- 17.60 Brush and wire fence, brs. N. and S.
- 20.00 set an iron post for 1/16 sec. cor. No. 5 in the center
of the NE. ¼ of sec. 5, with brass cap stamped
No 5 in N.
1/16 S 5 in center
1910 in S.

Chains

From which -

Mesquite, 10 ins. in diam., brs. S. 11° W., 245 lks.
dist., mkd. 1/16 S 5 B T
Mesquite, 14 ins. in diam., brs. N. 27° W., 279 lks.
dist., mkd. 1/16 S 5 B T

21.00 Wire fence brs. N. and S.

24.82 Wire fence brs. N. and S.

38.84 Wire fence brs. N. and S.

38.90 Irrigation ditch, 10 lks. wide, course S 65° W.

40.00 get an iron post for 1/16 sec. cor. No. 4 bet. the NE.

and NW. $\frac{1}{4}$ s of sec. 5, with brass cap stamped

No 4 in N.
1/16 S 5 in center
1910 in S.

From which -

Mesquite, 10 ins. in diam., brs. N. 70 $\frac{1}{2}$ ° W., 111
lks. dist., mkd. 1/16 S 5 B T
Mesquite, 12 ins. in diam., brs. S. 44 $\frac{1}{2}$ ° E., 89 lks.
dist., mkd. 1/16 S 5 B T

50.00 Wire fence brs. N. and S.

50.30 Middle of road, brs. N. and S.

59.80 Wire fence, brs. N. and S.

Leave cultivated field; enter brush and scattered timber.

60.00 get an iron post for 1/16 sec. cor. No. 3 in the center

of the NW. $\frac{1}{4}$ of sec. 5, with brass cap stamped

No 3 in N.
1/16 S 5 in center
1910 in S.

From which -

Mesquite, 8 ins. in diam., brs. N. 26° E., 100 lks.
dist., mkd. 1/16 S 5 B T
Mesquite, 7 ins. in diam., brs. S. 1 $\frac{1}{2}$ ° W., 70 lks.
dist., mkd. 1/16 S 5 B T

75.70 Road brs. N. and S.

80.00 The 1/16 sec. cor. No. 6 bet. secs. 5 and 6, N $\frac{1}{4}$.

Land, flat; cultivated, 50.80 chs. mesquite and sage
brush, 29.20 chs.

Soil, 2nd rate.

Timber, a few large mesquite trees, very scattered.

Thick second growth mesquite brush along fences.

from the $\frac{1}{4}$ sec. cor. bet. secs. 5 and 6, I run

S. 0° 23' W. on a true line

Through the middle of sec. 6,

Chains

Over flat land,

Through scattered cottonwood trees and brush.

4.00 Road brs. N. 5° E. and S. 5° W.

13.37 Intersect right banks of Salt River, course W., which river is the S.bdy. of the Salt River Indian Reservation.

Set an iron post for M. C. of sec. 8, with brass cap stamped

M C 1910 in S.
1/16 S S S R I R in N.

From which -

Cottonwood, 15 ins. in diam., brs. S. 46°45' W., 92
lks. dist., mkd. 1/16 S S M C B T
Cottonwood, 10 ins. in diam., brs. S. 50°15' E., 39
lks. dist., mkd. 1/16 S S M C B T

Descend gradual slope to

15.37 Edge of water.

Land, level and brushy.
Soil, 2nd rate.
Scattered cottonwood.
Arrow weed and sage brush.

- december 13, 1910.

December 14, 1910. -

From the 1/16 sec. cor. No. 2 bet. secs. 5 and 8, W $\frac{1}{2}$.

I run

S. 0° 23' W. on a true line

Through the middle of the W. $\frac{1}{2}$ of sec. 8,

Over flat land,

Through brush.

3.11 Road brs. N. 60° E. and S. 60° W.

12.85 Bank 8 ft. high.

Thence across sandy flat.

15.66 Right bank of N. channel of Salt River, which river is the S.bdy. of the Salt River Indian Reservation.

Set an iron post for M. C. of sec. 8, with brass cap stamped

M C 1910 in S.
1/16 S S S R I R in N.

Raise mound of stone 3 ft. base, 2 ft. high, N. of corner.

Chains

Land, flat and sandy.
Soil, 2nd rate.
Sage brush and mesquite.

1.40

From the cor. of secs. 3 and 4, on the N. bdy. of T. 1 N.,
R. 5 E., I run

S. 0° 23' W. on a true line bet. secs. 3 and 4

Over level, sandy land,

Through sage and greasewood brush.

Intersect right bank of Salt River, ^{which river is} course SW., ^{the S. bdy.} of Salt River Indian Reservation.

Set an iron post for M. C. bet. secs. 3 and 4, with
brass cap stamped

M C 1910 in S.
S R I R " N.
T 1 N S 3 in NE. quadrant
R 5 E S 4 " NW. "
3 notches on the E. edge.

Raise mound of stone 3 ft. base, 2 ft. high, N. of cor.

Bank, 8 ft. high.
Land, level.
Soil, 2nd rate.
Sage and greasewood brush.

December 14, 1910, at 8h., a.m., l.m.t., I set off 33°
38' N. on the lat. arc, 23° 7' 30" S. on the decl. arc,
and determine a meridian with the solar at the 1/16
sec. cor. No. 6 bet. secs. 4 and 5, N 1/2.

Thence I run

East on a true line

Through the N. 1/4 of sec. 4

Over flat, cultivated land.

6.90

Wire fence, hrs. N. and S.

10.45

Irrigation ditch, 10 lks. wide, course S. 65° W.

11.45

Wire fence hrs. N. 65° E. and S. 65° W.

18.10

Wire fence hrs. N. 65° E. and S. 65° W.

20.00

Set an iron post for 1/16 sec. cor. No. 3 in the center
of the NW. 1/4 of sec. 4, with brass cap stamped

No 3 in N.
1/16 S 4 in center
1910 in S.

From which -

Chains

Cottonwood, 24 ins. in diam., brs. N. 81° 45' E., 276
lks. dist., mkd. 1/16 S 4 B T
Cottonwood, 20 ins. in diam., brs. N. 2° W., 485 lks.
dist., mkd. 1/16 S 4 B T

22.40 Fence brs. N. and S.

Leave cultivated field; enter sage and mesquite brush.

36.50 Road brs. N. 15° E. and S. 15° W.

40.00 Set an iron post for 1/16 sec. cor. No. 4 bet. the NE.
and NW. $\frac{1}{4}$ s of sec. 4, with brass cap stamped

No 4 in N.
1/16 S 4 in center
1910 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.

56.90 Road on mesa, brs. N. 15° W. and S. 15° E.

60.00 Set an iron post for 1/16 sec. cor. No. 5 in the center of
the NE. $\frac{1}{4}$ of sec. 4, with brass cap stamped

No 5 in N.
1/16 S 4 in center
1910 in S.

From which -

Cottonwood, 15 ins. in diam., brs. N. 45° E., 108
lks. dist., mkd. 1/16 S 4 B T

No other B.T. available.

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.

62.00 Intersect right bank of Salt River, 12 ft. high, course
S. 45° W., which river is the S. bdy. of the Salt River
Indian Reservation.

Set an iron post for M. C. of sec. 4, with brass cap
stamped

M C in E.
1910 " S.
1/16 S 4 S R I R in W.

From which-

Cottonwood, 6 ins. in diam., brs. N. 62° E., 153 lks.
dist., mkd. 1/16 S 4 M C B T
Cottonwood, 6 ins. in diam., brs. S. 12 $\frac{1}{4}$ ° E., 38 lks.
dist., mkd. 1/16 S 4 M C B T

Thence over sand bar.

70.00 Edge of water.

Land, level. All has been cultivated, but the last 39.60
chs. has grown up to mesquite and sage brush.
Soil, 2nd rate.
Timber, scattered cottonwood.

Chains

From the 1/16 sec. cor. No. 5 in the center of the NE. 1/4 of sec. 4, I run

S. 0° 23' W. on a true line

Through the S. 1/2 of the NE. 1/4 of sec. 4,

Over flat land, through brush.

2.08 Intersect right bank of Salt River, course S. 45° W., which river is the S. bdy. of the Salt River Indian Reservation.

set an iron post for M. C. of sec. 4, with brass cap stamped

M C 1910 in S.
1/16 S 4 S R I R in N.

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

12.08 Edge of water.

Land, flat .

Soil, 2nd rate.

Sagebrush.

From the 1/16 sec. cor. No. 4 bet. the NE. and NW. 1/4s of sec. 4, I run

S. 0° 23' W. on a true line through middle of sec. 4,

Over flat land, through dense brush.

17.92 Intersect right bank of Salt River, course S. 45° W., which river is the S. bdy. of the Salt River Indian Reservation.

set an iron post for M. C. of sec. 4, with brass cap stamped

M C 1910 in S.
1/16 S 4 S R I R in N.

From which -

Cottonwood, 12 ins. in diam., brs. N. 47 1/2° E., 42 lks. dist., mkd. 1/16 S 4 M C B T

Cottonwood, 12 ins. in diam., brs. N. 75 1/2° W., 39 lks. dist., mkd. 1/16 S 4 M C B T

Thence, gradually descending slope, to

37.92 Edge of water.

Land, flat and sandy. Soil, 2nd rate.

Timber, cottonwood along river bank. Dense brush.

Chains

From the $\frac{1}{2}$ sec. cor. bet. secs. 4 and 5, I run
 East on a true line
 Through the middle of sec. 4
 Over flat, cultivated land.

10.00 Leave cultivated land; enter thick sage brush and scattered mesquite.

12.65 Road brs. N. 45° E. and S. 45° W.

20.00 Set an iron post for $\frac{1}{16}$ sec. cor. No. 8 bet. the NW. and SW. $\frac{1}{4}$ s of sec. 4, with brass cap stamped
 No 8 in N.
 $\frac{1}{16}$ S 4 in center
 1910 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.

35.56 Intersect right bank of Salt River, which river is the S. bdy. of the Salt River Indian Reservation.
 Set an iron post for M. C. of sec. 4, with brass cap stamped
 M C in E.
 1910 in S.
 $\frac{1}{16}$ S 4 S R I R in W.

From which -
 Cottonwood, 10 ins. in diam., brs. N. 23 $\frac{1}{2}$ ° W., 18 lbs. dist., mkd. $\frac{1}{16}$ S 4 M C B T
 Cottonwood, 6 ins. in diam., brs. S. 35 $\frac{1}{2}$ ° E., 26 lbs. dist., mkd. $\frac{1}{16}$ S 4 M C B T

Thence over rocky sand bar, covered with drift.

55.56 Edge of water.
 Land, flat. Cultivated, 10.00 chs. Brush, 25.56 chs.
 Soil, 2nd rate.
 Timber, scattered cottonwood.

From the $\frac{1}{16}$ sec. cor. No. 8 bet. the NW. and SW. $\frac{1}{4}$ s of sec. 4, I run
 S. 0° 23' W. on a true line
 Through the middle of the SW. $\frac{1}{4}$ of sec. 4,
 Over flat land, through^{gh} dense growth of arrow weed, sage, mesquite and cottonwood.

8.00 Road brs. N. 80° E. and S. 80° W.

15.92 Intersect right bank of Salt River, 15 ft. high, course

Chains

S. 70° W., which river is the S. bdy. of the Salt River Indian Reservation.

Set an iron post for M. C. of sec. 4, with brass cap stamped

M C 1910 in S.
1/16 S 4 S R I R in N.

From which -

Cottonwood, 8 ins. in diam., brs. N. 27½° E., 200
lks. dist., mkd. 1/16 S 4 M C B T
Cottonwood, 15 ins. in diam., brs. N. 73° W., 368
lks. dist., mkd. 1/16 S 4 M C B T

17.92 Edge of water.

Land, level and sandy.

Soil, 2nd rate.

Brush, dense sage, mesquite, arrow weed, and small cotton-wood.

From the 1/16 sec. cor. No. 12 bet. secs. 4 and 5, S½,

I run

East on a true line through the S. ¼ of sec. 4,

Over level land.

3.70 Intersect right bank of Salt River, which river is the S. bdy. of the Salt River Indian Reservation.

Set an iron post for M. C. of sec. 4, with brass cap stamped

M C in N.
1910 in S.
1/16 S 4 S R I R in W.

Raise mound of 3 ft. base, 2 ft. high, W. of cor.

5.70 Edge of water.

Land, level.

Soil, 2nd rate.

- December 14, 1910.

Meanders of the right bank of Salt River, up stream.

Dec. 13, 1910, at 9h., a.m., l.m.t., I set off $33^{\circ} 26'$ N. on the lat. arc, $23^{\circ} 8'$ S. on the decl. arc, and determine a meridian with the solar at the M. C. bet. secs. 7 and 12, $8\frac{1}{2}$, on the W. bdy. of the tp. This M. C. is 2.88 chs. S. $0^{\circ} 23'$ W. of the $1/16$ sec. cor. No. 12, bet. secs. 7 and 12, $8\frac{1}{2}$, on the W. bdy. of the tp., previously described.

Thence I run with meanders in sec. 7, along the right bank of the North channel of Salt River, which river is the South bdy. of the Salt River, Indian Reservation,

Over flat land, through brush.

N. $57^{\circ} 0'$ E. 5.27 chs. to M. C. of sec. 7, which is 4.40 chs. East of the $1/16$ sec. cor. No. 12 bet. secs. 7 and 12, $8\frac{1}{2}$, on the W. bdy. of the tp., previously described.

N. $60^{\circ} 52'$ E. 17.95 " to M. C. of sec. 7, which is 11.27 chs. S. $0^{\circ} 23'$ W. of the $1/16$ sec. cor. No. 8 bet. the NW. and SW. $\frac{1}{4}$ s of sec. 7.

N. $40^{\circ} 45'$ E. 7.60 "

N. $80^{\circ} 30'$ E. 7.40 "

N. $72^{\circ} 30'$ E. 6.30 "

N. $38^{\circ} 45'$ E. 3.05 "

to M. C. of sec. 7, which is also the C. $\frac{1}{4}$ sec. cor. of sec. 7.

N. $40^{\circ} 30'$ E. 6.80 "

N. $56^{\circ} 30'$ E. 3.50 "

N. $67^{\circ} 30'$ E. 1.86 "

Descend 6 ft. bank; thence across sandy flat, through scattered cottonwood timber.

N. $71^{\circ} 30'$ E. 11.83 "

to M. C. of sec. 7, which is 8.52 chs. S. $0^{\circ} 23'$ W. of the $1/16$ sec. cor. No. 5 in the center of the NE. $\frac{1}{4}$ of sec. 7.

N. $80^{\circ} 0'$ E. 12.60 "

N. $71^{\circ} 15'$ E. 8.03 "

to M. C. bet. secs. 7 and 8, which is 3.77 chs. S. $0^{\circ} 23'$ W. of the $1/16$ sec. cor. No. 6 bet. secs. 7 and 8, $8\frac{1}{2}$.

Land, level.

Soil, 2nd rate. Sandy, 32.46 chs.

Timber, cottonwood trees, 32.46 chs.

Sage and greasewood brush, 59.51 chs.

Thence in sec. 8,

right bank of Salt River, which river is the
Along the Reservation boundary,

Over flat, sandy land,

Through scattered cottonwood timber.

N. $68^{\circ} 0'$ E. 21.68 chs. to M. C. of sec. 8, which is 15.66 chs. S. $0^{\circ} 23'$ W. of the $1/16$ sec. cor. No. 2 bet. secs. 5 and 8, $8\frac{1}{2}$.

N. 68° 0' E. 8.80 chs. At 5.00 chs., leave flat, sandy land; ascend low bank, and enter thick sagebrush and small cottonwood trees.

S. 78° 45' E. 6.21 "
N. 87° 45' E. 5.77 " to M. C. of sec. 8, which is 13.37 chs. S. 0° 23' W. of the 1/4 sec. cor. bet. secs. 5 and 8.

East 7.30 "
N. 52° 45' E. 9.00 "
N. 30° 15' E. 9.14 " to M. C. bet. secs. 5 and 8, which is 19.00 chs. East of 1/4 sec. cor. bet. secs. 5 and 8.

Land, low and sandy, 45.01 chs.
Soil, 2nd rate.
Timber, cottonwood trees, 45.01 chs. Brush.
~~Spring~~

Thence in sec. 5
right bank of salt River, which river is the
Along the Reservation boundary.

Over flat land,
Through thick sage brush.

N. 42° 0' E. 1.50 chs. to M. C. of sec. 5, which is 18.89 chs. S. 0° 23' W. of the 1/16 sec. cor. No. 11, in the center of the SE. 1/4 of sec. 5.

N. 38° 0' E. 5.50 "
N. 42° 0' E. 7.00 "
N. 48° 15' E. 3.40 "
N. 57° 30' E. 3.90 "
N. 60° 0' E. 7.22 " to M. C. bet. secs. 4 and 5, which is 1.39 chs. S. 0° 23' W. of the 1/16 sec. cor. No. 12, bet. secs. 4 and 5, S 1/2.

Land, flat.
Soil, 2nd rate.
Brush, dense sage.

Thence in sec. 4
right bank of Salt River, which river is the
Along the Reservation boundary,

Over flat land,
Through dense sage brush and mesquite.

N. 69° 15' E. 3.97 chs. to M. C. of sec. 4, which is 3.70 chs. East of the 1/16 sec. cor. No. 12 bet. secs. 4 and 5, S 1/2.

N. 73° 0' E. 12.70 "
N. 84° 45' E. 4.22 " to M. C. of sec. 4, which is 15.92 chs. S. 0° 23' W. of 1/16 sec. cor. No. 8, bet. the NW. and SW. 1/4 of sec. 4.

N. 36° 15' E. 13.40 "
N. 40° 0' E. 5.80 "

- N. 79° 30' E. 4.10 chs. to M. C. of sec. 4, which is 15.56 chs. East of the 1/16 sec. cor. No. 8 bet. the NW. and SW. $\frac{1}{4}$ s of sec. 4.
- N. 64° 39' E. 4.90 " to M. C. of sec. 4, which is 17.92 chs. S. 0° 23' W. of the 1/16 sec. cor. No. 4 bet. the NE. and NW. $\frac{1}{4}$ s of sec. 4.
- N. 63° 0' E. 5.36 "
 N. 31° 0' E. 3.20 "
 N. 68° 15' E. 1.70 "
 N. 60° 30' E. 6.90 "
 N. 51° 15' E. 1.60 "
 N. 33° 0' E. 2.50 "
 N. 44° 0' E. 5.00 "
- Mesa road brs. N. and S. to M. C. of sec. 4, which is 2.08 chs. S. 0° 23' W. of the 1/16 sec. cor. No. 5 in the center of the NE. $\frac{1}{4}$ of sec. 4.
- N. 44° 0' E. 2.89 " to M. C. of sec. 4, which is 2.00 chs. East of the 1/16 sec. cor. No. 5 in the center of the NE. $\frac{1}{4}$ of sec. 4.
- N. 49° 50' E. 7.07 "
 N. 38° 45' E. 11.00 "
 N. 43° 15' E. 7.00 "
 N. 21° 0' E. 2.95 "
- to M. C. bet. secs. 3 and 4, which is 1.40 chs. S. 0° 23' W. of the cor. of secs. 3 and 4, T. 1 N., R. 5 E.

Land, level.
 Soil, 2nd rate.
 Brush, dense sage and mesquite.

Thence in sec. 3
 right bank of Salt River, which river is the
 Along the Reservation boundary,

Over level land,

Through sage, greasewood and mesquite brush.

N. 23° 12' E., 1.52 chs. to M. C. bet. secs. 3 and 3 $\frac{1}{2}$, on the N. bdy. of T. 1 N., R. 5 E., which is 6 $\frac{1}{2}$ lks. N. 88° 18' E. of the cor. of secs. 3 and 4, T. 1 N., R. 5 E.

Land, level.
 Soil, 2nd rate.
 Brush, greasewood, mesquite, and sage.

- December 15, 1910.

NOTE: After diligent search, I found no signs of any old cors. in this tp., except the two 1/16 sec. cors. bet. secs. 5 and 6, as described.

GENERAL DESCRIPTION.

There is but little land under cultivation in this township, though the entire township shows evidence of having been under cultivation in the past.

The entire township is covered with sage brush, mesquite, and arrow weed, and some few large cottonwood trees along the ditches and Galt River, which run diagonally across the township.

The soil is sandy and fairly good.

Several Indians reside in this township.

Robert A. Farmer,

Topographer and U. S. Surveyor.

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BOOK 2389

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

Salt River Indian Reservation,

Subdivision T. 1 N., R. 5 E.,

of the **Gila & Salt River Principal** 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.	
A. H. Greene	Dec. 5, 1910,	Mar. 29, 1911,	Instrumentman.
T. H. Biedenkopf,	do.	do.	Chainman.
Walter Brundage,	Dec. 12, 1910,	Jan. 21, 1911,	do.
Ed. Hurwitz,	Dec. 5, 1910,	Mar. 29, 1911,	Moundman,
R. Allan,	do.	Jan. 19, 1911,	Axman.
H. McCormick	do.	Dec. 19, 1910	Flagman.

Subscribed and certified to before me on the dates of the final service as shown above.

Robert A. Farmer, Topographer-
U. S. Surveyor.

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FINAL OATH OF UNITED STATES SURVEYOR.

BOOK 2389

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**

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

Salt River and Camp McDowell Reservations

of the **Gila and Salt**

River Principal 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 U. S. Surveyor

and in the specific manner described in the field notes, and that

33A

Washington, D. C., **July 15**, 1913.

I hereby certify that the survey of subdivision lines of **Salt River Indian Reservation, Arizona**, 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 special instructions given me, dated **October 11, 1910**, and the Manual of Surveying Instructions, and that these field notes are a correct representation thereof.

A. F. Dunnington
Topographer in Charge.

APPROVAL.

Commissioner of the General Land Office.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

March 29th, 1913.

The foregoing field notes of the survey of **subdivision of T. 1 N., R. 5 E., Salt River Indian Reservation, Arizona**,

executed by **Robert A. Farmer, Topographer and U. S. Surveyor, under supervision of A. F. Dunnington, Topographer in charge of Indian Surveys**, 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) Fred Dennett

U. S. Surveyor General

Commissioner of the General Land Office.

I certify that the foregoing transcript of the field notes of the above-described surveys in **Salt River Ind'n Res'n, Arizona**, has been correctly copied from the original notes on file in this office.

Fred Dennett
U. S. Surveyor General