

BOOK 3463

FIELD NOTES

OF ~~THE SURVEYOR~~ THE
Independent Resurvey of
Subdivision Lines

of

TOWNSHIP 4 SOUTH RANGE 3 EAST

Within the Gila River Indian Reservation

Of the Gila & Salt River Base and Meridian,

In the State of Arizona

EXECUTED BY

Robert A. Farmer, Topographer

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

issued by the ~~United States Surveyor General to govern surveys included in~~
Commissioner of the General Land Office to A. P. Dunnington,
Topographer in Charge of Indian Surveys

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

~~Office, 1911, pursuant to authority contained in the Act of~~

~~Congress dated, 191-~~

Survey commenced April 14, 1911

Survey completed April 21, 1911

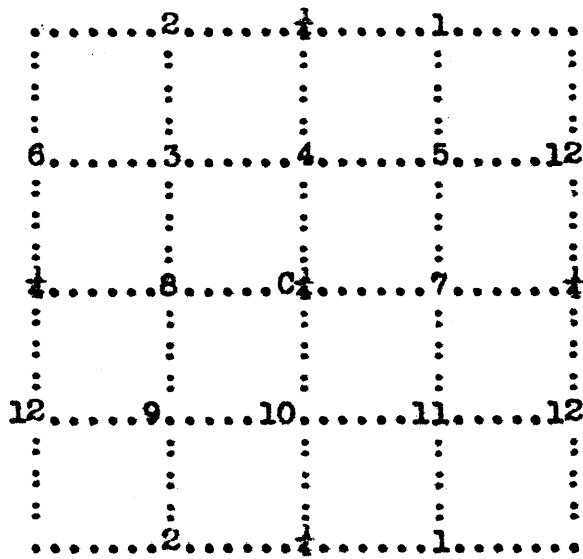
BOOK 8463

INDEX DIAGRAM.

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Diagram of a section showing the position of the 1/16 sec. cors.



Subdivision of T. 4 S., R. 3 E.

Chains

Survey commenced April 14, 1911, by R. A. Farmer, Topographer, and executed with a Young & Sons light mountain transit No. 8248, with solar attachment. 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.

The iron posts used in this survey are 3 feet long, 1 inch in diameter, and are set 26 ins. in the ground. The posts are filled with cement and fitted with brass caps.

The instrument was examined and tested on a meridian at camp at Sacaton Station, notes of which will be found in field notes of the subdivision of T. 3 S., R. 4 E.

The NW. cor. of this township is in lat. 33° 07' N., long. 112° 00' W.

April 14, 1911. At 7.00 a.m., l.m.t., I set off 33° 07' on the lat. arc, 9° 10' N. on the decl. arc, and determine a meridian with the solar, at the cor. of secs. 1, 2, 35 and 36, on N. bdy. of Tp., previously described.

Thence I run

S. 0° 01' E. bet. secs. 1 and 2.

Over level land, through brush.

10.00 Santa Cruz Wash, 200 lks. wide, 6 ft. deep, course NW.

20.00 Set an iron post for 1/16 sec. cor. No. 6, bet. secs. 1 and 2 (N½), with cap stamped

1/16 S 2 in W. half
S 1 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.

40.00 Set an iron post for ¼ sec. cor. bet. secs. 1 and 2, with cap stamped

¼ S 2 in W. half
S 1 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.

(After diligent search, no trace of the old ¼ sec. cor. is found).

60.00 Set an iron post for 1/16 sec. cor. No. 12, bet. secs. 1 and 2 (S½), with cap stamped

1/16 S 2 in W. half
S 1 in E. half
1911 in S.

Subdivision of T. 4 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.

80.00 Set an iron post for cor. of secs. 1, 2, 11 and 12, with cap stamped

T 4 S S 1 in NE. quadrant
R 3 E S 12 in SE. "
S 11 in SW. "
S 2 in NW. "

1911 in S.

5 notches on S. and 1 notch on E. 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, sage and greasewood.

East on a random line bet. secs. 1 and 12, setting temp. cors. at intervals of 20.00 chs.

80.00 Intersect the cor. of secs. 1, 6, 7 and 12, on E. bdy. of Tp., previously described.

Thence I run

West on a true line bet. secs. 1 and 12.

Over level land, through brush.

14.00 Santa Cruz Wash, 200 lks. wide, 6 ft. deep, course NW.

20.00 Set an iron post for 1/16 sec. cor. No. 1, bet. secs. 1 and 12 (E½), with cap stamped

No 1 1/16 S 1 in N. half
S 12 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. 1 and 12, with cap stamped

¼ S 1 in N. half
S 12 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.

(After diligent search, no trace of the old ¼ sec. cor. is found).

60.00 Set an iron post for 1/16 sec. cor. No. 2, bet. secs. 1 and 12 (W½), with cap stamped

No 2 1/16 S 1 in N. half
S 12 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.

Subdivision of T. 4 S., R. 3 E.

Chains	
80.00	The cor. of secs. 1, 2, 11 and 12.
	Land, level. Soil, 2nd rate. Brush, mesquite and sage.

	From the 1/16 sec. cor. No. 6, bet. secs. 1 and 2 (N $\frac{1}{2}$), I run
	East on a random line through the middle of the N. half of sec. 1, setting temp. cors. at intervals of 20.00 chs.
80.00	Falls 6 lks. S. of the 1/16 sec. cor. No. 6, bet. secs. 1 and 6, (N $\frac{1}{2}$), on E. bdy. of Tp., previously described.
	Thence I run
	S. 89° 57' W. on a true line through the middle of the N. half of sec. 1.
	Over level land, through brush.
20.00	Set an iron post for 1/16 sec. cor. No. 5, in the center of the NE $\frac{1}{4}$ pf sec. 1, with cap stamped
	No 5 in N. 1/16 S 1 in center 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 1/16 sec. cor. No. 4, bet. the NE. and NW. quarters of sec. 1, with cap stamped
	No 4 in N. 1/16 S 1 in center 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.
59.10	Dry wash, 25 lks. wide, course N.
60.00	Set an iron post for 1/16 sec. cor. No. 3, in the center of the NW $\frac{1}{4}$ of sec. 1, stamped on cap
	No 3 in N. 1/16 S 1 in center 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.
62.00	Santa Cruz Wash, 200 lks. wide, 6 ft. deep, course NW.
80.00	The 1/16 sec. cor. No. 6, bet. secs. 1 and 2 (N $\frac{1}{2}$).
	Land, level. Soil, 2nd rate. Brush, mesquite and sage.

Subdivision of T. 4 S., R. 3 E.

Chains

From the $\frac{1}{4}$ sec. cor. bet. secs. 1 and 2, I run
East on a random line through the middle of sec. 1, setting
temp. cors. at intervals of 20.00 chs.

80.00 Intersect the $\frac{1}{4}$ sec. cor. bet. secs. 1 and 6, on E. bdy.
of Tp., previously described.

Thence I run

West on a true line through the middle of sec. 1.

Over level land, through brush.

20.00 Set an iron post for $\frac{1}{16}$ sec. cor. No. 7, bet. the NE.
and SE. quarters of sec. 1, stamped on cap

No 7 in N.
 $\frac{1}{16}$ S 1 in center
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 center $\frac{1}{4}$ sec. cor. of sec. 1, with
cap stamped

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

Dig pits 18x18x12 ins. E., W. and S., 3 ft., and N. of
post 7 ft. dist.; and raise a mound of earth 4 ft. base,
2 ft. high, N. of cor.

44.00 Santa Cruz Wash, 200 lks. wide, course NW.

60.00 Set an iron post for $\frac{1}{16}$ sec. cor. No. 8, bet. the NW.
and SW. quarters of sec. 1, with cap stamped

No 8 in N.
 $\frac{1}{16}$ S 1 in center
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.

63.00 Wash, 20 lks. wide, course N.

80.00 The $\frac{1}{4}$ sec. cor. bet. secs. 1 and 2.

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

From the $\frac{1}{16}$ sec. cor. No. 12, bet. secs. land 2 ($S\frac{1}{2}$),
I run

East on a random line through the middle of the S. half
of sec. 1, setting temp. cors. at intervals of 20.00
chs.

80.00 Intersect the $\frac{1}{16}$ sec. cor. No. 12, bet. secs. 1 and 6,
($S\frac{1}{2}$), on E. bdy. of Tp., previously described.

Thence I run

Subdivision of T. 4 S., R. 3 E.

Chains

West on a true line through the middle of the S. half of sec. 1.

Over level land, through brush.

19.00 Santa Cruz Wash, (E. channel) 100 lks. wide, course NW.

20.00 Set an iron post for 1/16 sec. cor. No. 11, in the center of the SE 1/4 of sec. 1, with cap stamped

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

23.00 Santa Cruz Wash (W. channel) 100 lks. wide, course NW.

40.00 Set an iron post for 1/16 sec. cor. No. 10, bet. the SE. and SW. quarters of sec. 1, stamped on cap

No 10 in N.
1/16 S 1 in center
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. 9, in the center of the SW 1/4 of sec. 1, with cap stamped

No 9 in N.
1/16 S 1 in center
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 1/16 sec. cor. No. 12, bet. secs. 1 and 2 (S 1/2).

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

April 14, 1911. At the cor. of secs. 1, 2, 11 and 12, I set off 9° 13' N. on the decl. arc, and at 12h 0m 31s p.m., l.m.t., observe the sun on the meridian; the resulting lat. is 33° 06', which is within one minute of the proper lat.

Thence I run
S. 0° 01' E. on a true line bet. secs. 11 and 12.

Over level land, through brush.

20.00 Set an iron post for 1/16 sec. cor. No. 6, bet. secs. 11 and 12 (N 1/2), with cap stamped

1/16 S 11 in W. half
S 12 in E. half
No 6 in N.
1911 in S.

Subdivision of T. 4 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.

27.00 Road, brs. E. and W.

40.00 Set an iron post for the ¼ sec. cor. bet. secs. 11 and 12, stamped in cap

¼ S 11 in W. half
S 12 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.

(After diligent search, no trace of the old ¼ sec. cor. is found).

60.00 Set an iron post for the 1/16 sec. cor. No. 12, bet. secs. 11 and 12 (S½), with cap stamped

1/16 S11 in W. half
S 12 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.

83.50 Intersect the S. bdy. of the reservation at a point from which the original cor. of secs. 7, 12, 13 and 18 brs. East, 77.84 chs. This cor. now refers to secs. 13 and 18 only.

Set an iron post for cor. of secs. 11 and 12, on S. bdy. of reservation, with cap stamped

T 4 S S 12 in NE.
R 3 E S 11 in NW.
G R I R in N.
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.
Soil, 2nd rate.
Brush, mesquite and sage.

From the 1/16 sec. cor. No. 6, bet. secs. 11 and 12, (N½) I run

East on a random line through the middle of the N. half of sec. 12, setting temp. cors. at intervals of 20.00 chs.

80.00 Falls 6 lks. N. of the 1/16 sec. cor. No. 6, bet. secs. 7 and 12 (N½), on E. bdy. of Tp., previously described.

Thence I run

N. 89° 57' W. on a true line through the middle of the N. half of sec. 12.

Over level land, through brush.

Subdivision of T. 4 S., R. 3 E.

Chains

20.00 Set an iron post for 1/16 sec. cor. No. 5, in the center of the NE $\frac{1}{4}$ of sec. 12, with cap stamped

No 5 in N.
1/16 S 12 in center
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 1/16 sec. cor. No. 4, bet. the NE. and NW. quarters of sec. 12, with cap stamped

No 4 in N.
1/16 S 12 in center
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. 3, in the center of the NW $\frac{1}{4}$ of sec. 12, stamped on cap

No 3 in N.
1/16 S 12 in center
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 1/16 sec. cor. No. 6, bet. secs. 11, and 12, (N $\frac{1}{2}$).

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

From the $\frac{1}{4}$ sec. cor. bet. secs. 11 and 12, I run

East on a random line through the middle of sec. 12, setting temp. cors. at intervals of 20.00 chs.

79.96 Falls 12 lks. S. of the $\frac{1}{4}$ sec. cor. bet. secs. 7 and 12, on E. bdy. of Tp., previously described.

Thence I run

S. 89° 55' W. on a true line through the middle of sec. 12.

Over level land, through brush.

10.00 Road, brs. NE. and SW.

19.99 Set an iron post for 1/16 sec. cor. No. 7, bet. the NE. and SE. quarters of sec. 12, with cap stamped

No 7 in N.
1/16 S 12 center
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.

39.98 Set an iron post for center $\frac{1}{4}$ sec. cor. of sec. 12, with cap stamped

Subdivision of T. 4 S., R. 3 E.

Chains

C 1/4 S 12 in center
1911 in S.

Dig pits 18x18x12 ins. E., W., and S., 3 ft., and N. of post 7 ft. dist.; and raise a mound of earth 4 ft. base, 2 ft. high, N. of cor.

59.97 Set an iron post for 1/16 sec. cor. No. 8, bet. the NW. and SW. quarters of sec. 12, with cap stamped

No 8 in N.
1/16 S 12 in center
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.

79.96 The 1/4 sec. cor. bet. secs. 11 and 12.

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



From the 1/16 sec. cor. No. 12, bet. secs. 11 and 12 (S 1/2), I run

East on a random line through the middle of the S. half of sec. 12, setting temp. cors. at intervals of 20.00 chs.

80.00 Falls 4 lks. S. of the 1/16 sec. cor. No. 12, bet. secs. 7 and 12 (S 1/2), on E. bdy. of Tp., previously described.

Thence I run

S. 89° 58' W. on a true line through the middle of the S. half of sec. 12.

Over level land, through brush.

20.00 Set an iron post for 1/16 sec. cor. No. 11, in the center of the SE 1/4 of sec. 12, with cap stamped

No 11 in N.
1/16 S 12 in center
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 1/16 sec. cor. No. 10, bet. the SE. and SW. quarters of sec. 12, with cap stamped

No 10 in N.
1/16 S 12 in center
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.

59.50 Road, brs. NE. and SW.

60.00 Set an iron post for 1/16 sec. cor. No. 9, in the center of the SW. quarterx of sec. 12, with cap stamped

Subdivision of T. 4 S., R. 3 E.

Chains

No 9 in N.
1/16 S 12 in center
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 1/16 sec. cor. No. 12, bet. secs. 11 and 12 (N 1/2).

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

April 14, 1911.

April 15, 1911. At 7.00 a.m., l.m.t., I set off 33° 07'
on the lat. arc, 9° 31' N. on the decl. arc, and deter-
mine a meridian with the solar at the cor. of secs. 2,
3, 34 and 35, on N. bdy. of Tp., previously described.

Thence I run

S. 0° 01' E. bet. secs. 2 and 3.

Over level land, through brush.

20.00 Set an iron post for 1/16 sec. cor. No. 6, bet. secs. 2
and 3 (N 1/2), with cap stamped

1/16 S 3 in W. half
S 2 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. 2 and 3,
with cap stamped

1/4 S 3 in W. half
S 2 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.

(After diligent search, no trace of the old 1/4 sec. cor.
is found).

60.00 Set an iron post for 1/16 sec. cor. No. 12, bet. secs. 2 and
3 (S 1/2), stamped on cap

1/16 S 3 in W. half
S 2 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. 2, 3, 10 and 11,
with cap stamped

Subdivision of T. 4 S., R. 3 E.

Chains

T 4 S 8 2 in NE. quadrant
R 3 E 8 11 in SE. "
S 10 in SW. "
S 3 in NW. "

1911 in S.

5 notches on S. and 2 notches on E. 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.

(After diligent search, no trace of the old cor. is found).

Land, level.

Soil, 2nd rate.

Brush, mesquite and sage.

East on a random line bet. secs. 2 and 11, setting temp. cors. at intervals of 20.00 chs.

80.00 Intersect the cor. of secs. 1, 2, 11 and 12.

Thence I run

West on a true line bet. secs. 2 and 11.

Over level land, through brush.

20.00 Set an iron post for 1/16 sec. cor. No. 1, bet. secs. 2 and 11 (E 1/2) with cap stamped

No 1 1/16 S 2 in N. half
S 11 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. 2 and 11, stamped on cap

1/4 S 2 in N. half
S 11 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.

(After diligent search, no trace of the old 1/4 sec. cor. is found).

52.00 Road, brs. N. and S.

60.00 Set an iron post for 1/16 sec. cor. No. 2, bet. secs. 2 and 11 (W 1/2), with cap stamped

No 2 1/16 S 2 in N. half
S 11 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.

64.00 Road, brs. N. 23° E. and S. 23° W.

71.50 Middle of Arizona Eastern R.R. track, brs. N. 23° 43' E. and S. 23° 43' W.

Subdivision of T. 4 S., R. 3 E.

Chains	
72.45	Telegraph line, brs. N.23°43'E. and S.23°43'W.
80.00	The cor. of secs. 2, 3, 10 and 11.
	Land, level. Soil, 2nd rate. Brush, mesquite and sage.
	----- From the 1/16 sec. cor. No. 6, bet. secs. 2 and 3 (N½), I run
	East on a random line through the middle of the N. half of sec. 2, setting temp. cors. at intervals of 20.00 chs.
80.00	Falls 7 lks. S. of the 1/16 sec. cor. No. 6, bet. secs. 1 and 2 (N½).
	Thence I run
	S. 89° 57' W. on a true line through the middle of the N. half of sec. 2.
	Over level land, through brush.
20.00	Set an iron post for 1/16 sec. cor. No. 5, in the center of the NE¼ of sec. 2, with cap stamped
	No 5 in N. 1/16 S 2 in center 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.
30.00	Dry wash, 3 ft. deep, 30 lk. wide, course NW.
40.00	Set an iron post for 1/16 sec. cor. No. 4, bet. the NE. and NW. quarters of sec. 2, with cap stamped
	No 4 in N. 1/16 S 2 in center 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.
41.00	Road, brs. N. 25° E. and S. 25° W.
45.18	Middle of Arizona Eastern R.R. track, brs. N.23°43'E. and S.23°43'W.
46.15	Telegraph line, brs. N.23°43'E. and S.23°43'W.
56.00	Wash, 30 lks. wide, 3 ft. deep, course NW.
60.00	Set an iron post for 1/16 sec. cor. No. 3, in the center of the NW¼ of sec. 2, with cap stamped
	No 3 in N. 1/16 S 2 in center 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.

Subdivision of T. 4 S., R. 3 E.

Chains

80.00 The 1/16 sec. cor. No. 6, bet. secs. 2 and 3 (N $\frac{1}{2}$).

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

From the $\frac{1}{4}$ sec. cor. bet. secs. 2 and 3, I run

East on a random line through the middle of sec. 2,
setting temp. cors. at intervals of 20.00 chs.

80.00 Falls 7 lks. S. of $\frac{1}{4}$ sec. cor. bet. secs. 1 and 2.

Thence I run

S. 89° 57' W. on a true line through the middle of sec. 2.

Over level land, through brush.

20.00 Set an iron post for 1/16 sec. cor. No. 7, bet. the NE.
and SE. quarters of sec. 2, with cap stamped

No 7 in N.
1/16 S 2 in center
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 center $\frac{1}{4}$ sec. cor. of sec. 2, with
cap stamped

C $\frac{1}{4}$ S 2 in center
1911 in S.

Dig pits 18x18x12 ins. E., W. and S., 3 ft., and N. of
post 7 ft. dist.; and raise a mound of earth 4 ft. base,
2 ft. high, N. of cor.

49.00 Wash, 30 lks. wide, course NW.

50.00 Road, brs. N. 23° E. and S. 23° W.

53.96 Middle of Arizona Eastern R.R. track, brs. N.23°43'E. and
S.23°43'W.

54.92 Telegraph line, brs. N.23°43'E. and S.23°43'W.

60.00 Set an iron post for 1/16 sec. cor. No. 8, bet. the NW.
and SW. quarters of sec. 2, with cap stamped

No 8 in N.
1/16 S 2 in center
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 $\frac{1}{4}$ sec. cor. bet. secs. 2 and 3.

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

Subdivision of T. 4 S., R. 3 E.

Chains

From the 1/16 sec. cor. No. 12, bet. secs. 2 and 3 (S $\frac{1}{2}$)
I run

East on a random line through the middle of the S. half of
sec. 2, setting temp. cors. at intervals of 20.00 chs.

80.00 Falls 4 lks. S. of the 1/16 sec. cor. No. 12, bet. secs.
1 and 2.

Thence I run

S. 89° 58' W. on a true line through the middle of the S.
half of sec. 2.

Over level land, through brush.

20.00 Set an iron post for 1/16 sec. cor. No. 11, in the center
of the SE $\frac{1}{4}$ of sec. 2, stamped on cap

No 11 in N.
1/16 S 2 in center
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 1/16 sec. cor. No. 10, bet. the SE.
and SW. quarters of sec. 2, with cap stamped

No 10 in N.
1/16 S 2 in center
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.

51.00 Road, brs. N. and S.

57.00 Road, brs. N. 23° E. and S. 23° W.

60.00 Set an iron post for 1/16 sec. cor. No. 9, in the center
of the SW $\frac{1}{4}$ of sec. 2, with cap stamped

No 9 in N.
1/16 S 2 in center
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.

62.68 Middle of Arizona Eastern R.R. track, brs. N.23°43'E. and
S.23°43'W.

63.66 Telegraph line, brs. N.23°43'E. and S.23°43'W.

80.00 The 1/16 sec. cor. No. 12, bet. secs. 2 and 3 (S $\frac{1}{2}$).

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



Subdivision of T. 4 S., R. 3 E.

Chains

April 15, 1911. At the cor. of secs. 2, 3, 10 and 11, I set off 9° 35' N. on the decl. arc, and at 12h Om 16s p.m., l.m.t., observe the sun on the meridian; the resulting lat. is 33° 06', which is within one minute of the proper lat.

Thence I run

S. 0° 01' E. bet. secs. 10 and 11.

Over level land, through brush.

17.70 Telegraph line, brs. N.23°43'E. and S.23°43'W.

18.00 Set an iron post for W.C. to the 1/16 sec. cor. No. 6, bet. secs. 10 and 11 (N $\frac{1}{2}$), with cap stamped

1/16 S 10 in W. half
S 11 in E. half
No 6 in N.
W C 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.

19.33 Middle of Arizona Eastern R.R. track, brs. N.23°43'E. and S.23°43'W.

20.00 Point for 1/16 sec. cor. No. 6, bet. secs. 10 and 11 (N $\frac{1}{2}$) falls in railroad borrow pit.

29.00 Road, brs. NE. and SW.

40.00 Set an iron post for the $\frac{1}{4}$ sec. cor. bet. secs. 10 and 11, with cap stamped

$\frac{1}{4}$ S 10 in W. half
S 11 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.

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

60.00 Set an iron post for 1/16 sec. cor. No. 12, bet. secs. 10 and 11 (S $\frac{1}{2}$), with cap stamped

1/16 S 10 in W. half
S 11 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.

66.00 Enter timber (mesquite) brs. NW. and SE.

76.00 Wash, 20 lks. wide, 4 ft. deep, course NW.

83.60 Intersect the S. bdy. of the reservation at a point from which the cor. of secs. 11 and 12 brs. East 80.00 chs. dist.

Subdivision of T. 4 S., R. 3 E.

Chains

Set an iron post for cor. of secs. 10 and 11, on S. bdy. of reservation, with cap stamped

T 4 S S 11 in NE.
R 3 E S 10 in NW.
G R I R in N.
1911 in S.
2 notches on E. and 4 notches on W. edge

Dig pits 24x24x18 ins. in each sec. 6 ft. dist., and raise a mound of earth 4 ft. base, 2 ft. high, N. of cor.

Land, level.
Soil, 2nd rate.
Brush, mesquite and sage.
Timber, mesquite, 18.00 chs.

From the true point for the 1/16 sec. cor. No. 6, bet. secs. 10 and 11 (N $\frac{1}{2}$), I run

East on a random line through the middle of the N. half of sec. 11, setting temp. cors. at intervals of 20.00 chs.

79.96 Falls 10 lks. N. of the 1/16 sec. cor. No. 6, bet. secs. 10 and 11 (N $\frac{1}{2}$).

Thence I run

N. 89° 56' W. on a true line through the middle of the N. half of sec. 11.

Over level land, through brush.

19.99 Set an iron post for 1/16 sec. cor. No. 5, in the center of the NW $\frac{1}{4}$ of sec. 11, with cap stamped

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

39.98 Set an iron post for 1/16 sec. cor. No. 4, bet. the NE. and NW. quarters of sec. 11, with cap stamped

No 4 in N.
1/16 S 11 in center
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.

55.00 Road, 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. 11, with cap stamped

No 3 in N.
1/16 S 11 in center
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.

Subdivision of T. 4 S., R. 3 E.

Chains

78.00 Road, brs. N. 23° E. and S. 23* W.

79.96 The true point for the 1/16 sec. cor. No. 6, bet. secs. 10 and 11 (N $\frac{1}{2}$).

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

From the $\frac{1}{4}$ sec. cor. bet. secs. 10 and 11, I run
East on a random line through the middle of sec. 11,
setting temp. cors. at intervals of 20.00 chs.

79.96 Intersect the $\frac{1}{4}$ sec. cor. bet. secs. 11 and 12.

Thence I run
West on a true line through the middle of sec. 11.
Over level land, through brush.

19.99 Set an iron post for 1/16 sec. cor. No. 7, bet. the NE.
and SE. quarters of sec. 11, with cap stamped

No 7 in N.
1/16 S 11 in center
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.

39.98 Set an iron post for center $\frac{1}{4}$ sec. cor. of sec. 11,
with cap stamped

C $\frac{1}{4}$ S 11 in center
1911 in S.

Dig pits 18x18x12 ins. E., W. and S., 3 ft., and N. of
post 7 ft. dist.; and raise a mound of earth 4 ft. base,
2 ft. high, N. of cor.

55.00 Road, brs. N. and S.

59.97 Set an iron post for 1/16 sec. cor. No. 8, bet. the NW.
and SW. quarters of sec. 11, with cap stamped

No 8 in N.
1/16 S 11 in center
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.

79.96 The $\frac{1}{4}$ sec. cor. bet. secs. 10 and 11.

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

Subdivision of T. 4 S., R. 3 E.

Chains

From the 1/16 sec. cor. No. 12, bet. secs. 10 and 11, (S $\frac{1}{2}$)
I run

East on a random line through the middle of the S. half
of sec. 11, setting temp. cors. at intervals of 20.00
chs.

79.92 Intersect the 1/16 sec. cor. No. 12, bet. secs. 11 and 12
(S $\frac{1}{2}$).

Thence I run

West on a true line through the middle of the S. half of
sec. 11.

Over level land, through brush.

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

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

39.96 Set an iron post for 1/16 sec. cor. No. 10, bet. the SE.
and SW. quarters of sec. 11, with cap stamped

No 10 in N.
1/16 S 11 in center
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.

59.94 Set an iron post for 1/16 sec. cor. No. 9, in the center
of the SW $\frac{1}{4}$ of sec. 11, with cap stamped

No 9 in N.
1/16 S 11 in center
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. and S.

79.92 The 1/16 sec. cor. No. 12, bet. secs. 10 and 11 (S $\frac{1}{2}$).

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

April 15, 1911.

April 17, 1911. At 7.00 a.m., l.m.t., I set off 33° 07'
on the lat. arc, 10° 35' N. on the decl. arc, and deter-
mine a meridian with the solar, at the cor. of secs. 3
and 4, and 33 and 34, on N. bdy. of Tp., previously
described.

Thence I run

Subdivision of T. 4 S., R. 3 E.

Chains

S. 0° 02' E. bet. secs. 3 and 4.
Over level land, through brush.

20.00 Set an iron post for 1/16 sec. cor. No. 6, bet. secs. 3 and 4 (N $\frac{1}{2}$), with cap stamped

1/16 S 4 in W. half
S 3 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.

31.00 Leave brush; enter timber, brs. NW. and SE.

32.00 Wash, 50 lks. wide, course NW.

34.00 Road, brs. NE. and SW.

38.00 Leave timber, brs. NW. and SE.; enter brush.

40.00 Set an iron post for $\frac{1}{4}$ sec. cor. bet. secs. 3 and 4, with cap stamped

$\frac{1}{4}$ S 4 in W. half
S 3 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.

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

60.00 Set an iron post for 1/16 sec. cor. No. 12, bet. secs. 3 and 4 (S $\frac{1}{2}$), with cap stamped

1/16 S 4 in W. half
S 3 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. 3, 4, 9 and 10, with brass cap stamped

T 4 S S 3 in NE. quadrant
R 3 E S 10 in SE. "
S 9 in SW. "
S 4 in NW. "
1911 in S.

5 notches on S. and 3 notches on E. 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.

(After diligent search, no trace of the old cor. is found).

Land, level.
Soil, 2nd rate.
Brush, mesquite and sage, 73.00 chs.
Mesquite timber, 7.00 chs.

Subdivision of T. 4 S., R. 3 E.

Chains

East on a random line bet. secs. 3 and 10, setting temp. cors. at intervals of 20.00 chs.

80.00 Intersect the cor. of secs. 2, 3, 10 and 11. Thence I run

West on a true line bet. secs. 3 and 10.

Over level land, through brush.

20.00 Set an iron post for 1/16 sec. cor. No. 1, bet. secs. 3 and 10 (E $\frac{1}{2}$), with cap stamped

No 1 1/16 S 3 in N. half
S 10 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 10, with cap stamped

$\frac{1}{4}$ S 3 in N. half
S 10 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.

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

43.00 Enter timber, brs. N. and S.

44.00 Wash, 40 lks. wide, 6 ft. deep, course N.

52.00 Wash, 60 lks. wide, 6 ft. deep, course N.

56.00 Leave timber,

60.00 Set an iron post for 1/16 sec. cor. No. 2, bet. secs. 3 and 10 (W $\frac{1}{2}$), stamped on cap

No 2 1/16 S 3 in N. half
S 10 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.

63.00 Wash, 40 lks. wide, 3 ft. deep, course N.

65.00 Road, brs. NE. and SW.

80.00 The cor. of secs. 3, 4, 9 and 10.

Land, level.
Soil, 2nd rate.
Timber, mesquite, 23.00 chs.
Brush, 80.00 chs.

From 1/16 sec. cor. No. 6, bet. secs. 3 and 4 (N $\frac{1}{2}$), I run

East on a random line through the middle of the N. half of sec. 3, setting temp. cors. at intervals of 20.00 chs.

79.96 Falls 12 lks. S. of the 1/16 sec. cor. No. 6, bet. secs. 2 and 3 (N $\frac{1}{2}$).

Subdivision of T. 4 S., R. 3 E.

Chains

Thence I run
S. 89° 55' W. on a true line through the middle of the N.
half of sec. 3.

Over level land, through brush.

19.99 Set an iron post for 1/16 sec. cor. No. 5, in the center
of the NE $\frac{1}{4}$ of sec. 3, with cap stamped

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

39.98 Set an iron post for 1/16 sec. cor. No. 4, bet. the NE.
and NW. quarters of sec. 3, with cap stamped

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

54.00 Road, brs. NE. and SW.

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

No 3 in N.
1/16 S 3 in center
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 Road, brs. NE. and SW.

79.96 The 1/16 sec. cor. No. 6, bet. secs. 3 and 4 (N $\frac{1}{2}$).

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

From the $\frac{1}{4}$ sec. cor. bet. secs. 3 and 4, I run
East on a random line through the middle of sec. 3,
setting temp. cors. at intervals of 20.00 chs.

80.00 Falls 7 lks. S. of the $\frac{1}{4}$ sec. cor. bet. secs. 2 and 3.

Thence I run
S. 89° 57' W. on a true line through the middle of sec. 3.
Over level land, through brush.

20.00 Set an iron post for the 1/16 sec. cor. No. 7, bet. the NE.
and SE. quarters of sec. 3, with cap stamped

No 7 in N.
1/16 S 3 in center
1911 in S.

Subdivision of 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 3 1/2 ft. base, 1 1/2 ft. high, N. of cor.

40.00 Set an iron post for center 1/4 sec. cor. of sec. 3, with cap stamped

C 1/4 S 3 in center
1911 in S.

Dig pits 18x18x12 ins. E., W. and S., 3 ft., and N. of post 7 ft. dist.; and raise a mound of earth 4 ft. base, 2 ft. high, N. of cor.

46.00 Road, brs. NW. and SE.

60.00 Set an iron post for 1/16 sec. cor. No. 8, bet. the NW. and SW. quarters of sec. 3, with cap stamped

No 8 in N.
1/16 S 3 in center
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.

74.00 Enter mesquite timber, brs. NW. and SE.

78.00 Wash, 60 lks. wide, 6 ft. deep, course NW.

79.00 Leave timber, brs. NW. and SE.

80.00 The 1/4 sec. cor. bet. secs. 3 and 4.

Land, level.
Soil, 2nd rate.
Brush, mesquite and sage.
Timber, mesquite, 5.00 chs.

From the 1/16 sec. cor. No. 12, bet. secs. 3 and 4 (S 1/2)
I run

East on a random line through the middle of the S. half of sec. 3, setting temp. cors. at intervals of 20.00 chs.

80.04 Falls 5 lks. S. of the 1/16 sec. cor. No. 12, bet. secs. 2 and 3 (S 1/2).

Thence I run

S. 89° 58' W. on a true line through the middle of the S. half of sec. 3.

Over level land, through brush.

20.01 Set an iron post for 1/16 sec. cor. No. 11, in the center of the SE 1/4 of sec. 3, with cap stamped

No 11 in N.
1/16 S 3 in center
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.

40.02 Set an iron post for 1/16 sec. cor. No. 10, bet. the SE.

Subdivision of T. 4 S., R. 3 E.

Chains

and SW. quarters of sec. 3, with cap stamped

No 10 in N.
1/16 S 3 in center
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 Road, brs. N. and S.

55.00 Enter mesquite timber.

60.03 Set an iron post for 1/16 sec. cor. No. 9, in the center
of the SW 1/4 of sec. 3, with cap stamped

No 9 in N.
1/16 S 3 in center
1911 in S., from which

A mesquite 12 ins. dia. brs. N. 65 1/2° E., 192 lks. dist.
Mkd. 1/16 S 3 B T.
A mesquite 14 ins. dia. brs. S. 55 1/2° E., 81 lks. dist.
Mkd. 1/16 S 3 B T.

65.00 Leave timber.

66.00 Wash, 100 lks. wide, 6 ft. deep, course NW.

80.04 The 1/16 sec. cor. No. 12, bet. secs. 3 and 4, (S 1/2).

Land, level.
Soil, 2nd rate.
Brush, mesquite abd sage, 80.04 chs.
Timber, mesquite, 10.00 chs.

April 17, 1911. At the cor. of secs. 3, 4, 9 and 10, I
set off 10° 14' N. on the decl. arc, and at 11h 59m 47s
a.m., 1.m.t., observe the sun on the meridian; the re-
sulting lat. is 33° 06', which is within one minute of
the proper lat.

Thence I run

S. 0° 02' E. on a true line bet. secs. 9 and 10.

Over level land, through brush.

3.00 Road, brs. E. and W.

20.00 Set an iron post for 1/16 sec. cor. No. 6, bet. secs. 9
and 10, (N 1/2) with cap stamped

1/16 S 9 in W. half
S 10 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. 9 and 10,
with cap stamped

Subdivision of T. 4 S., R. 3 E.

Chains	
	<p> $\frac{1}{4}$ S 9 in W. half S 10 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>(After diligent search, no trace of the old $\frac{1}{4}$ sec. cor. is found).</p>
42.00	Road, brs. S. 10° W. and N. 10° E.
60.00	<p>Set an iron post for 1/16 sec. cor. No. 12, bet. secs. 9 and 10 ($8\frac{1}{2}$), with cap stamped</p> <p> $\frac{1}{16}$ S 9 in W. half S 10 in E. half No 12 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 $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, W. of cor.</p>
77.00	Same road, brs. N. 10° W. and S. 10° E.
83.60	<p>Intersect the S. bdy. of the reservation at a point from which the cor. of secs. 10 and 11 brs. East 80.00 chs. dist.</p> <p>Set an iron post for cor. of secs. 9 and 10, with cap stamped</p> <p> T 4 S S 10 in NE. R 3 E S 9 in NW. G R I R in N. 1911 in S. 3 notches on E. and 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, N. of cor.</p> <p>Land, level. Soil, 2nd rate. Brush, mesquite and sage.</p>

	<p>From the 1/16 sec. cor. No. 6, bet. secs. 9 and 10 ($N\frac{1}{2}$), I run</p> <p>East on a random line through the middle of the N. half of sec. 10, setting temp. cors. at intervals of 20.00 chs.</p>
80.00	<p>Falls 8 lks. N. of point for 1/16 sec. cor. No. 6, bet. secs. 10 and 11 ($N\frac{1}{2}$), which is S.0°02'E., 2.00 chs. from W.C.</p> <p>Thence I run</p> <p>N. 89° 57' W. on a true line through the middle of the N. half of sec. 10.</p> <p>Over level land, through brush.</p>
0.30	Middle of Arizona Eastern R.R. track, brs. N.23°43'E. and S.23°43'W.

Chains

1.27 Telegraph line, brs. N.23°43'E. and S.23°43'W.

20.00 Set an iron post for 1/16 sec. cor. No. 5, in the center of the NE $\frac{1}{4}$ of sec. 10, with cap stamped

No 5 in N.
1/16 S 10 in center
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.

30.00 Enter timber, brs. NW. and SE.

34.00 Wash, 60 lks. wide, 4 ft. deep, course NW.

40.00 Set an iron post for 1/16 sec. cor. No. 4, bet. the NE. and NW. quarters of sec. 10, with cap stamped

No 4 in N.
1/16 S 10 in center
1911 in S., from which

A mesquite 14 ins. dia. brs. N. 34 $\frac{1}{2}$ ° E., 48 lks. dist.
Mkd. 1/16 S 10 B T.
A mesquite 16 ins. dia. brs. S. 63° E., 56 lks. dist.
Mkd. 1/16 S 10 B T.

56.00 Leave timber, 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. 10, with cap stamped

No 3 in N.
1/16 S 10 in center
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.

76.00 Road, brs. N. and S.

80.00 The 1/16 sec. cor. No. 6, bet. secs. 9 and 10 (N $\frac{1}{2}$).

Land, level.
Soil, 2nd rate.
Brush, mesquite and sage.
Timber, mesquite, 26.00 chs.

From the $\frac{1}{4}$ sec. cor. bet. secs. 9 and 10, I run

East on a random line through the middle of sec. 10, setting temp. cors. at intervals of 20.00 chs.

80.00 Intersect the $\frac{1}{4}$ sec. cor. bet. secs. 10 and 11.

Thence I run

West on a true line through the middle of sec. 10.

Over level land, through brush.

8.00 Road, brs. N. 23° E. and S. 23° W.

9.09 Middle of Arizona Eastern R.R. track, brs. N.23°43'E. and S.23°43'W.

Subdivision of T. 4 S., R. 3 E.

Chains

- 10.06 Telegraph line, brs. N.23°43'E. and S.23°43'W.
- 14.00 Enter timber, brs. N. and S.
- 16.00 Wash, 60 lks. wide, 6 ft. deep, course NW.
- 20.00 Set an iron post for 1/16 sec. cor. No. 7, bet. the NE. and SE. quarters of sec. 10, with cap stamped
 - No 7 in N.
 - 1/16 S 10 in center
 - 1911 in S., from which
 - A mesquite 6 ins. dia. brs. N. 44½° E., 33 lks. dist.
Mkd. 1/16 S 10 B T.
 - A mesquite 18 ins. dia. brs. S. 20° W., 50 lks. dist.
Mkd. 1/16 S 10 B T.
- 40.00 Set an iron post for center ¼ sec. cor. of sec. 10, with cap stamped
 - C ¼ S 10 in center
 - 1911 in S., from which
 - A mesquite 14 ins. dia. brs. N. 37° E., 330 lks. dist.
Mkd. C ¼ S 10 B T.
 - A mesquite 16 ins. dia. brs. S. 20° E., 97 lks. dist.
Mkd. C ¼ S 10 B T.
 - A mesquite 20 ins. dia. brs. S. 33½° W., 256 lks. dist.
Mkd. C ¼ S 10 B T.
 - A mesquite 14 ins. dia. brs. N. 42½° W., 122 lks. dist.
Mkd. C ¼ S 10 B T.
- 54.00 Leave timber, brs. NW. and SE.
- 60.00 Set an iron post for 1/16 sec. cor. No. 8, bet. the NW. and SW. quarters of sec. 10, with cap stamped
 - No 8 in N.
 - 1/16 S 10 in center
 - 1911 in S.
 - Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist. ¼ and raise a mound of earth 3½ ft. base, 1½ ft. high, N. of cor.
- 79.50 Road, brs. N. and S.
- 80.00 The ¼ sec. cor. bet. secs. 9 and 10.
 - Land, level.
 - Soil, 2nd rate.
 - Brush, mesquite and sage.
 - Timber, 40.00 chs.

 - From the 1/16 sec. cor. No. 12, bet. secs. 9 and 10, (S½) I run
 - East on a random line through the middle of the S. half of sec. 10, setting temp. cors. at intervals of 20.00 chs.
- 80.00 Falls 6 lks. S. of the 1/16 sec. cor. No. 12, bet. secs. 10 and 11 (S½).
 - Thence I run

Subdivision of T. 4 S., R. 3 E.

Chains

S. 89° 57' W. on a true line through the middle of the S. half of sec. 10.

Over level land, through brush.

- 6.00 Enter timber, brs. NW. and SE.
- 12.00 Wash, 20 lks. wide, 4 ft. deep, course NW.
- 15.00 Road, brs. N. 23° E. and S. 23° W.
- 16.00 Leave timber, brs. N. and S.
- 17.86 Middle of Arizona Eastern R.R. track, brs. N.23°43'E. and S.23°43'W., at N. end of 60 foot trestle, No. 2 A.
- 18.50 Telegraph line, same bearing.
- 20.00 Set an iron post for 1/16 sec. cor. No. 11, in the center of the SE $\frac{1}{4}$ of sec. 10, with cap stamped

No 11 in N.
1/16 S 10 in center
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 1/16 sec. cor. No. 10, bet. the SE. and SW. quarters of sec. 10, with cap stamped

No 10 in N.
1/16 S 10 in center
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. 9, in the center of the SW $\frac{1}{4}$ of sec. 10, with cap stamped

No 9 in N.
1/16 S 10 in center
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 1/16 sec. cor. No. 12, bet. secs. 9 and 10 (S $\frac{1}{2}$).

Land, level.
Soil, 2nd rate.
Brush, mesquite and sage.
Timber, mesquite, 10.00 chs.

April 17, 1911.

April 18, 1911. At 7.00 a.m., l.m.t., I set off 33° 07' on the lat. arc, 10° 35' N. on the decl. arc, and determine a meridian with the solar, at the cor. of secs. 4, 5, 32 and 33, on N. bdy. of Tp., previously described.

Thence I run

S. 0° 02' E. bet. secs. 4 and 5.

Subdivision of T. 4 S., R. 3 E.

Chains

Over level land, through brush.

20.00 Set an iron post for 1/16 sec. cor. No. 6, bet. secs. 4 and 5 (N $\frac{1}{2}$), with cap stamped

1/16 S 5 in W. half
S 4 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. 4 and 5, with cap stamped

$\frac{1}{4}$ S 5 in W. half
S 4 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.

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

60.00 Set an iron post for 1/16 sec. cor. No. 12, bet. secs. 4 and 5 (S $\frac{1}{2}$), with cap stamped

1/16 S 5 in W. half
S 4 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. 4, 5, 8 and 9, with cap stamped

T 4 S S 4 in NE. quadrant
R 3 E S 9 in SE. "
S 8 in SW. "
S 5 in NW. "
1911 in S.

5 notches on S. and 4 notches on E. 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.

(After diligent search, no trace of the old sec. cor. is found).

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

East on a random line bet. secs. 4 and 9, setting temp. cors. at intervals of 20.00 chs.

80.00 Falls 14 lks. S. of the cor. of secs. 3, 4, 9 and 10.

Thence I run

Subdivision of T. 4 S., R. 3 E.

Chains

S. 89° 54' W. on a true line bet. secs. 4 and 9.

Over level land, through brush.

20.00 Set an iron post for 1/16 sec. cor. No. 1, bet. secs. 4 and 9 (E $\frac{1}{2}$), with cap stamped

No 1 1/16 S 4 in N. half
S 9 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.

21.00 Road, brs. NW. and SE.

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

40.00 Set an iron post for $\frac{1}{4}$ sec. cor. bet. secs. 4 and 9, with cap stamped

$\frac{1}{4}$ S 4 in N. half
S 9 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.

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

60.00 Set an iron post for 1/16 sec. cor. No. 2, bet. secs. 4 and 9 (W $\frac{1}{2}$), with cap stamped

No 2 1/16 S 4 in N. half
S 9 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. N. and S.

80.00 The cor. of secs. 4, 5, 8 and 9.

Land, level.
Soil, 2nd rate.
Brush, mesquite and sags.

From the 1/16 sec. cor. No. 6, bet. secs. 4 and 5 (N $\frac{1}{2}$), I run

East on a random line through the middle of the N. half of sec. 4, setting temp. cors. at intervals of 20.00 chs.

80.00 Falls 16 lks. S. of the 1/16 sec. cor. No. 6, bet. secs. 3 and 4 (E $\frac{1}{2}$).

Thence I run

S. 89° 53' W. on a true line through the middle of the N. half of sec. 4.

Over level land, through brush.

9.50 Wash, 30 lks. wide, 6 ft. deep, course NW.

Subdivision of T. 4 S., R. 3 N.

Chains	
15.00	Enter timber, brs. NW. and SE.
20.00	Point for 1/16 sec. cor. No. 5, falls in wash, 60 lks. wide, 4 ft. deep, course NW.
21.20	Set an iron post for W.C. to the 1/16 sec. cor. No. 5, in the center of the NE $\frac{1}{4}$ of sec. 4, with cap stamped
	No 5 in N. 1/16 S 4 in center 1911 in S., from which
	A mesquite 16 ins. dia. brs. N. 27° E., 40 lks. dist.
	Mkd. 1/16 S 4 B T.
	A mesquite 10 ins. dia. brs. N. 78 $\frac{1}{2}$ ° W., 56 lks. dist.
	Mkd. 1/16 S 4 B T.
32.50	Leave timber, brs. N. and S.
40.00	Set an iron post for 1/16 sec. cor. No. 4, bet. the NE. and NW. quarters of sec. 4, with cap stamped
	No 4 in N. 1/16 S 4 in center 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.
42.00	Road, 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. 4, with cap stamped
	No 3 in N. 1/16 S 4 in center 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.
74.00	Wash, 20 lks. wide, 3 ft. deep, course N.
80.00	The 1/16 sec. cor. No. 6, bet. secs. 4 and 5 (N $\frac{1}{2}$).
	Land, level. Soil, 2nd rate. Brush, mesquite, Timber, mesquite, 17.50 chs.

	From the $\frac{1}{2}$ sec. cor. bet. secs. 4 and 5, I run
	East on a random line through the middle of sec. 4, setting temp. cors. at intervals of 20.00 chs.
80.04	Falls 12 lks. S. of the $\frac{1}{2}$ sec. cor. bet. secs. 3 and 4.
	Thence I run
	S. 89° 55' W. on a true line through the middle of sec. 4.
	Over level land, through brush.
4.00	Road, brs. NE. and SW.

Subdivision of T. 4 S., R. 3 E.

Chains

20.01 Set an iron post for 1/16 sec. cor. No. 7, bet. the NE. and SE. quarters of sec. 4, with cap stamped

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

28.00 Road, brs. N. and S.

40.02 Set an iron post for center 1/4 sec. cor. of sec. 4, with cap stamped

C 1/4 S 4 in center
1911 in S.

Dig pits 18x18x12 ins. E., W. and S., 3 ft., and N. of post 7 ft. dist.; and raise a mound of earth 4 ft. base, 2 ft. high, N. of cor.

42.00 Enter timber, brs. N. and S.

48.00 Leave timber, brs. N. and S.

49.00 Road, brs. N. and S.

60.03 Set an iron post for 1/16 sec. cor. No. 8, bet. the NW. and SW. quarters of sec. 4, with cap stamped

No 8 in N.
1/16 S 4 in center
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.

80.04 The 1/4 sec. cor. bet. secs. 4 and 5.

Land, level.
Soil, 2nd rate.
Brush, mesquite and sage.
Timber, mesquite, 6.00 chs.

From the 1/16 sec. cor. No. 12, bet. secs. 4 and 5 (S 1/2), I run

East on a random line through the middle of the S. half of sec. 4, setting temp. cors. at intervals of 20.00 chs.

80.08 Falls 12 lks. S. of the 1/16 sec. cor. No. 12, bet. secs. 3 and 4 (S 1/2).

Thence I run

S. 89° 55' W. on a true line through the middle of the S. half of sec. 4.

Over level land, through brush.

20.02 Set an iron post for 1/16 sec. cor. No. 11, in the center of the SE 1/4 of sec. 4, with cap stamped

No 11 in N.
1/16 S 4 in center
1911 in S.

Subdivision of 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 3 1/2 ft. base, 1 1/2 ft. high, N. of cor.

26.00 Road, brs. N. and S.

40.04 Set an iron post for 1/16 sec. cor. No. 10, bet. the SE. and SW. quarters of sec. 4, with cap stamped

No 10 in N.
1/16 S 4 in center
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.

56.50 Road, brs. N. and S.

60.06 Set an iron post for 1/16 sec. cor. No. 9, in the center of the SW 1/4 of sec. 4, with cap stamped

No 9 in N.
1/16 S 4 in center
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.

80.08 The 1/16 sec. cor. No. 12, bet. secs. 4 and 5 (S 1/2).

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

April 18, 1911. At the cor. of secs. 4, 5, 8 and 9, I set off 10° 39' N. on the decl. arc, and at 11h 59m 32s a.m., l.m.t., observe the sun on the meridian; the resulting lat. is 33° 06', which is within one minute of the proper lat.

Thence I run

S. 0° 02' E. bet. secs. 8 and 9.

Over level land, through brush.

20.00 Set an iron post for 1/16 sec. cor. No. 6, bet. secs. 8 and 9 (N 1/2), with cap stamped

1/16 S 8 in W. half
S 9 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.

26.00 Road, brs. NE. and SW.

40.00 Set an iron post for 1/4 sec. cor. bet. secs. 8 and 9, with cap stamped

Subdivision of T. 4 S., R. 3 E.

Chains

1/4 S 8 in W. half
S 9 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.

(After diligent search, no trace of the old 1/4 sec. cor. is
found).

60.00 Set an iron post for 1/16 sec. cor. No. 12, bet. secs. 8
and 9 (S 1/2), with cap stamped

1/16 S 8 in W. half
S 9 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.

83.50 Intersect the S. bdy. of the reservation, at a point from
which the cor. of secs. 9 and 10 brs. East 79.96 chs.
dist.

Set an iron post for cor. of secs. 8 and 9, on S. bdy. of
reservation, with cap stamped

T 4 S S 9 in NE.
R 3 E S 8 in NW.
G R I R in N.
1911 in S.

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.
Soil, 2nd rate.
Brush, mesquite and sage.

From the 1/16 sec. cor. No. 6, bet. secs. 8 and 9, (N 1/2),
I run

N. 39° 54' E. on a random line through the middle of the
N. half of sec. 9, setting temp. cors. at intervals of
20.00 chs.

80.00 Falls 7 lks. N. of the 1/16 sec. cor. No. 6, bet. secs.
9 and 10 (N 1/2).

Thence I run

S. 89° 57' W. on a true line through the middle of the
N. half of sec. 9.

Over level land, through brush.

20.00 Set an iron post for 1/16 sec. cor. No. 5, in the center
of the NW 1/4 of sec. 9, with cap stamped

No 5 in N.
1/16 S 9 in center
1911 in S. , from which

A mesquite 14 ins. dia. brs. S. 80° E., 4 lks. dist.
(No other B.T. available).

Subdivision of 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.

40.00 Set an iron post for 1/16 sec. cor. No. 4, bet. the NE. and NW. quarters of sec. 9, with cap stamped

No 4 in N.
1/16 S 9 in center
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.

60.00 Set an iron post for 1/16 sec. cor. No. 3, in the center of the NW¼ of sec. 9, with cap stamped

No 3 in N.
1/16 S 9 in center
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.

63.00 Road, brs. NE. and SW.

76.00 Road, brs. NE. and SW.

80.00 The 1/16 sec. cor. No. 6, bet. secs. 8 and 9 (N½).

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

From the ¼ sec. cor. bet. secs. 8 and 9, I run N. 89° 54' E. on a random line through the middle of sec. 9, setting temp. cors. at intervals of 20.00 chs.

79.96 Falls 2 lks. N. of the ¼ sec. cor. bet. secs. 9 and 10.

Thence I run S. 89° 55' W. on a true line through the middle of sec. 9. Over level land, through brush.

19.99 Set an iron post for 1/16 sec. cor. No. 7, bet. the NE. and SW. quarters of sec. 9, with cap stamped

No 7 in N.
1/16 S 9 in center
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 center ¼ sec. cor. of sec. 9, with cap stamped

C ¼ S 9 in center
1911 in S.

Dig pits 18x18x12 ins. E., W. and S., 3 ft., and N. of post 7 ft. dist.; and raise a mound of earth 4 ft. base, 2 ft. high, N. of cor.

Subdivision of T. 4 S., R. 3 E.

Chains	
59.97	<p>Set an iron post for 1/16 sec. cor. No. 8, bet. the NW. and SW. quarters of sec. 9, with cap stamped</p> <p style="text-align: center;">No 8 in N. 1/16 S 9 in center 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>
79.96	<p>The ¼ sec. cor. bet. secs. 8 and 9.</p> <p>Land, level. Soil, 2nd rate. Brush, mesquite and sage.</p> <p style="text-align: center;">-----</p>
	<p>From the 1/16 sec. cor. No. 12, bet. secs. 8 and 9 (S½) I run</p> <p>N. 89° 54' E. on a random line through the middle of the S. half of sec. 9, setting temp. cors. at intervals of 20.00 chs.</p>
79.96	<p>Falls 2 lks. N. of the 1/16 sec. cor. No. 12, bet. secs. 9 and 10, (S½).</p> <p>Thence I run</p> <p>S. 89° 55' W. on a true line through the middle of the S. half of sec. 9.</p> <p>Over level land, through brush.</p>
4.00	<p>Road, brs. N. and S.</p>
19.99	<p>Set an iron post for 1/16 sec. cor. No. 11, in the center of the SE¼ of sec. 9, with cap stamped</p> <p style="text-align: center;">No 11 in N. 1/16 S 9 in center 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>
39.98	<p>Set an iron post for 1/16 sec. cor. No. 10, bet. the SE. and SW. quarters of sec. 9, with cap stamped</p> <p style="text-align: center;">No 10 in N. 1/16 S 9 in center 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>
59.97	<p>Set an iron post for 1/16 sec. cor. No. 9, in the center of the SW¼ of sec. 9, with cap stamped</p> <p style="text-align: center;">No 9 in N. 1/16 S 9 in center 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>

Subdivision of T. 4 S., R. 3 E.

Chains

79.96 The 1/16 sec. cor. No. 12, bet. secs. 8 and 9 (S $\frac{1}{2}$).

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

April 18, 1911.

April 19, 1911. At 7.00 a.m., l.m.t., I set off 33° 07' on the lat. arc, 10° 56' N. on the decl. arc, and determine a meridian with the solar, at the cor. of secs. 5, 6, 31 and 32, on N. bdy. of Tp., previously described.

Thence I run

S. 0° 03' E. bet. secs. 5 and 6.

Over level land, through brush.

20.00 Set an iron post for 1/16 sec. cor. No. 6, bet. secs. 5 and 6 (N $\frac{1}{2}$), with cap stamped

1/16 S 6 in W. half
S 5 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. 5 and 6, with cap stamped

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

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

60.00 Set an iron post for 1/16 sec. cor. No. 12, bet. secs. 5 and 6 (S $\frac{1}{2}$), with cap stamped

1/16 S 6 in W. half
S 5 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. 5, 6, 7 and 8, with cap stamped

T 4 S S 5 in NE. quadrant
R 3 E S 8 in SE. "
S 7 in SW. "
S 6 in NW. "
1911 in S.

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

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.

Subdivision of T. 4 S., R. 3 E.

Chains

(After diligent search, no trace of the old cor. is found).

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

Thence I run

East on a random line bet. secs. 5 and 8, setting temp. cors. at intervals of 20.00 chs.

80.12 Falls 4 lks. S. of the cor. of secs. 4, 5, 8 and 9.

Thence I run

S. 89° 58' W. on a true line bet. secs. 5 and 8.

Over level land, through brush.

20.03 Set an iron post for 1/16 sec. cor. No. 1, bet. secs. 5 and 8 (E $\frac{1}{4}$), with cap stamped

No 1 1/16 S 5 in N. half
S 8 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.

40.06 Set an iron post for $\frac{1}{4}$ sec. cor. bet. secs. 5 and 8, with cap stamped

$\frac{1}{4}$ S 5 in N. half
S 8 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.

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

60.09 Set an iron post for 1/16 sec. cor. No. 2, bet. secs. 5 and 8, (W $\frac{1}{4}$), with cap stamped

No 2 1/16 S 5 in N. half
S 8 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.

80.12 The cor. of secs. 5, 6, 7 and 8.

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

From the 1/16 sec. cor. No. 6, bet. secs. 5 and 6 (N $\frac{1}{4}$), I run

East on a random line through the middle of the N. half of sec. 5., setting temp. cors. at intervals of 20.00 chs.

80.04 Falls 4 lks. S. of 1/16 sec. cor. No. 6, bet. secs. 4 and 5 (N $\frac{1}{4}$)

Subdivision of T. 4 S., R. 3 E.

Chains

Thence I run

S. 89° 58' W. on a true line through the middle of the N. half of sec. 5.

Over level land, through brush.

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

No 5 in N.
1/16 S 5 in center
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 1/16 sec. cor. No. 4, bet. the NE. and NW. quarters of sec. 5, with cap stamped

No 4 in N.
1/16 S 5 in center
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 1/16 sec. cor. No. 3, in the center of the NW $\frac{1}{4}$ of sec. 5, with cap stamped

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

80.04 The 1/16 sec. cor. No. 6, bet. secs. 5 and 6 (N $\frac{1}{2}$).

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

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

East on a random line through the middle of sec. 5, setting temp. cors. at intervals of 20.00 chs.

80.12 Intersect the $\frac{1}{4}$ sec. cor. bet. secs. 4 and 5. Thence I run

West on a true line through the middle of sec. 5.

Over level land, through brush.

20.03 Set an iron post for 1/16 sec. cor. No. 7, bet. the NE. and SE. quarters of sec. 5, with cap stamped

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

Subdivision of T. 4 S., R. 3 E.

Chains

40.06 Set an iron post for center $\frac{1}{4}$ sec. cor. of sec. 5, with cap stamped

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

Dig pits 18x18x12 ins. E., W. and S., 3 ft., and N. of post 7 ft. dist.; and raise a mound of earth 4 ft. base, 2 ft. high, N. of cor.

60.09 Set an iron post for $\frac{1}{16}$ sec. cor. No. 8, bet. the NW. and SW. quarters of sec. 5, with cap stamped

No 8 in N.
 $\frac{1}{16}$ S 5 in center
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.

80.12 The $\frac{1}{4}$ sec. cor. bet. secs. 5 and 6.

Land, level.
Soil, 2nd rate.
Brush, mesquite and sags.

From the $\frac{1}{16}$ sec. cor. No. 12, bet. secs. 5 and 6 ($S\frac{1}{2}$), I run

East on a random line through the middle of the S. half of sec. 5, setting temp. cors. at intervals of 20.00 chs.

80.12 Intersect the $\frac{1}{16}$ sec. cor. No. 12, bet. secs. 4 and 5 ($S\frac{1}{2}$).

Thence I run

West on a true line through the middle of the S. half of sec. 5.

Over level land, through brush.

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

No 11 in N.
 $\frac{1}{16}$ S 5 in center
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.

40.06 Set an iron post for $\frac{1}{16}$ sec. cor. No. 10, bet. the SE. and SW. quarters of sec. 5, with cap stamped

No 10 in N.
 $\frac{1}{16}$ S 5 in center
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.

60.09 Set an iron post for $\frac{1}{16}$ sec. cor. No. 9, in the center of the $SW\frac{1}{4}$ of sec. 5, with cap stamped

Subdivision of T. 4 S., R. 3 E.

Chains

No 9 in N.
1/16 S 5 in center
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.

80.12 The 1/16 sec. cor. No. 12, bet. secs. 5 and 6 (S 1/2).

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

April 19, 1911.

April 20, 1911.

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

West on a random line bet. secs. 6 and 7, setting temp.
cors. at intervals of 20.00 chs.

79.16 Intersect the cor. of secs. 1, 6, 7 and 12, on W. bdy:
of Tp., previously described.

Thence I run

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

Over level land, through brush.

19.16 Set an iron post for 1/16 sec. cor. No. 2, bet. secs. 6
and 7 (W 1/2), with cap stamped

No 2 1/16 S 6 in N. half
S 7 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.

19.80 Wash, 30 lks. wide, 2 ft. deep, course NE.

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

1/4 S 6 in N. half
S 7 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.

*
50.00 Wash, 40 lks. wide, course N.

59.16 Set an iron post for 1/16 sec. cor. No. 1, bet. secs. 6
and 7 (E 1/2), with cap stamped

No 1 1/16 S 6 in N. half
S 7 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.

*(After diligent search, no trace of the old 1/4 sec. cor.
is found).

Subdivision of T. 4 S., R. 3 E.

Chains

- 65.00 Road, brs. NW. and SE.
- 66.00 Enter timber, brs. N. and S.
- 67.00 Wash, 40 lks. wide, 3 ft. deep, course N.
- 70.00 Wash, 40 lks. wide, 3 ft. deep, course N.
- 76.00 Leave timber, brs. N. and S.
- 79.16 The cor. of secs. 5, 6, 7 and 8.

Land, level.
 Soil, 2nd rate.
 Brush, mesquite and sage.
 Timber, mesquite, 10.00 chs.

 April 20, 1911. At the 1/16 sec. cor. No. 6, bet. secs. 5 and 6, (N $\frac{1}{2}$), I set off 11° 20' N. on the decl. arc, and at 11h 59m 5s a.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

West on a random line through the middle of the N. half of sec. 6, setting temp. cors. at intervals of 20.00 chs.

- 79.09 Falls 5 lks. S. of the 1/16 sec. cor. No. 6, bet. secs. 1 and 6 (N $\frac{1}{2}$), on W. bdy. of Tp., previously described.

Thence I run

S. 89° 58' E. on a true line through the middle of the N. half of sec. 6.

Over level land, through brush.

- 7.00 Wash, 60 lks. wide, 2 ft. deep, course N. 30° E.
- 19.09 Set an iron post for 1/16 sec. cor. No. 3, in the center of the NW $\frac{1}{4}$ of sec. 6, with cap stamped

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

- 35.00 Wash, 40 lks. wide, 5 ft. deep, course N.
- 39.09 Set an iron post for 1/16 sec. cor. No. 4, bet. the NE. and NW. quarters of sec. 6, with cap stamped

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

- 47.00 Road, brs. N. 30° E. and S. 30° W.

Subdivision of T. 4 S., R. 3 E.

Chains

- 49.00 Enter timber, brs. N. 30° E. and S. 30° W.
- 59.09 Set an iron post for 1/16 sec. cor. No. 5, in the center of the NE $\frac{1}{4}$ of sec. 6, with cap stamped
- No 5 in N.
1/16 S 6 in center
1911 in S., from which
- A mesquite 6 ins. dia. brs. N. 54° 34' E., 14 lks. dist.
Mkd. 1/16 S 6 B T.
A mesquite 12 ins. dia. brs. S. 30° 15' W., 30 lks. dist.
Mkd. 1/16 S 6 B T.
- 60.00 Wash, 100 lks. wide, 6 ft. deep, course NW.
Leave timber.
- 79.09 The 1/16 sec. cor. No. 6, bet. secs. 5 and 6 (N $\frac{1}{2}$).
- Land, level.
Soil, 2nd rate.
Brush, mesquite and sage.
Timber, mesquite, 11.00 chs.
-
- From the $\frac{1}{4}$ sec. cor. bet. secs. 5 and 6, I run
West on a random line through the middle of sec. 6,
setting temp. cors. at intervals of 20.00 chs.
- 79.12 Intersect the $\frac{1}{4}$ sec. cor. bet. secs. 1 and 6, on W. bdy. of Tp., previously described.
- Thence I run
East on a true line through the middle of sec. 6.
Over level land, through brush.
- 19.12 Set an iron post for 1/16 sec. cor. No. 8, bet. the NW. and SW. quarters of sec. 6, with cap stamped
- No 8 in N.
1/16 S 6 in center
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.
- 30.00 Wash, 60 lks. wide, 4 ft. deep, course N. 30° E.
- 39.12 Set an iron post for center $\frac{1}{4}$ sec. cor. of sec. 6, with cap stamped
- C $\frac{1}{4}$ S 6 in center
1911 in S.
- Dig pits 18x18x12 ins. E., W. and S., 3 ft., and N. of post 7 ft. dist.; and raise a mound of earth 4 ft. base, 2 ft. high, N. of cor.
- 52.00 Road, brs. N. and S.
- 55.00 Enter timber, brs. N. and S.
- 59.12 Set an iron post for 1/16 sec. cor. No. 7, bet. the NE. and SE. quarters of sec. 6, with cap stamped

Subdivision of T. 4 S., R. 3 E.

Chains

No 7 in N.
1/16 S 6 in center
1911 in S., from which

A mesquite 10 ins. dia. brs. N. 20 1/2° W., 178 lks. dist.
Mkd. 1/16 S 6 B T.
A mesquite 14 ins. dia. brs. N. 44 1/2° W., 126 lks. dist.
Mkd. 1/16 S 6 B T.

64.00 Wash, 100 lks. wide, 6 ft. deep, course NW.

65.00 Leave timber, brs. NW. and SE.

79.12 The 1/4 sec. cor. bet. secs. 5 and 6.

Land, level.
Soil, 2nd rate.
Brush, mesquite and sage.
Timber, mesquite, 10.00 chs.

From the 1/16 sec. cor. No. 12, bet. secs. 5 and 6 (S 1/2),
I run

West on a random line through the middle of the S. half of
sec. 6, setting temp. cors. at intervals of 20.00 chs.

79.14 Intersect the 1/16 sec. cor. No. 12, bet. secs. 1 and 6,
~~xxxx~~ on W. bdy. of Tp., previously described.

Thence I run

East on a true line through the middle of the S. half of
sec. 6.

Over level land, through brush.

19.14 Set an iron post for 1/16 sec. cor. No. 9, in the center
of the SE 1/4 of sec. 6, with cap stamped

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

24.00 Wash, 60 lks. wide, 4 ft. deep, course NE.

39.14 Set an iron post for 1/16 sec. cor. No. 10, bet. the SE.
and SW. quarters of sec. 6, with cap stamped

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

58.00 Road, brs. NW. and SE.

59.14 Set an iron post for 1/16 sec. cor. No. 11, in the center
of the SE 1/4 of sec. 6, with cap stamped

No 11 in N.
1/16 S 6 in center
1911 in S.

Subdivision of 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.

62.00 Enter timber, brs. N. and S.

65.00 Wash, 40 lks. wide, 6 ft. deep, course N.

70.00 Leave timber, brs. N. and S.

79.14 The 1/16 sec. cor. No. 12, bet. secs. 5 and 6 (S½).

Land, level.
Soil, 2nd rate.
Brush, mesquite and sage.
Timber, mesquite, 8.00 chs.

April 20, 1911.

April 19, 1911. At the cor. of secs. 5, 6, 7 and 8, I set off 10° 57' N. on the decl. arc, and at 11h 59m 18s a.m., l.m.t., observe the sun on the meridian; the resulting lat. is 33° 06', which is within one minute of the proper lat.

Thence I run

S. 0° 03' E. bet. secs. 7 and 8.

Over level land, through brush.

14.00 Enter timber, brs. NW. and SE.

18.00 Wash, 30 lks. wide, 5 ft. deep, course NW.

20.00 Set an iron post for 1/16 sec. cor. No. 6, bet. secs. 7 and 8 (N½), with cap stamped

1/16 S 7 in W. half
S 8 in E. half
No 6 in N.
1911 in S., from which

A mesquite 14 ins. dia. brs. N. 54½° E., 56 lks. dist.
Mkd. 1/16 S 8 B T.
A mesquite 10 ins. dia. brs. N. 66½° W., 186 lks. dist.
Mkd. 1/16 S 7 B T.

21.50 Wash, 20 lks. wide, 6 ft. deep, course NW.

22.00 Leave timber, brs. NW. and SE.

36.00 Road, brs. NW. and SE.

40.00 Set an iron post for ¼ sec. cor. bet. secs. 7 and 8 with cap stamped

¼ S 7 in W. half
S 8 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.

(After diligent search no trace of the old ¼ sec. cor. is found).

Subdivision of T. 4 S., R. 3 E.

Chains

55.00 Road, brs. E. and W.

60.00 Set an iron post for 1/16 sec. cor. No. 12, bet. secs. 7 and 8 (S 1/2) with cap stamped

1/16 S 7 in W. half
S 8 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.

83.44 Intersect the S. bdy. of the reservation at a point from which the cor. of secs. 8 and 9 brs. E. 80.00 chs. dist.

Set an iron post for the cor. of secs. 7 and 8, on S. bdy. of reservation, with cap stamped

T 4 S S 8 in NE.
R 3 E S 7 in NW.
G R I R in N.
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.
Soil, 2nd rate.
Brush, mesquite and sage.
Timber, mesquite, 8.00 chs.

April 19, 1911.

April 20, 1911. At 7.00 a.m., l.m.t., I set off 33° 06' on the lat. arc, 11° 17' N. on the decl. arc, and determine a meridian with the solar, at the 1/16 sec. cor. No. 6, bet. secs. 7 and 8 (N 1/2).

Thence I run

N. 89° 58' E. on a random line through the middle of the N. half of sec. 8, setting temp. cors. at intervals of 20.00 chs.

80.12 Falls 4 lks. N. of the 1/16 sec. cor. No. 6, bet. secs. 8 and 9 (N 1/2).

Thence I run

West on a true line through the middle of the N. half of sec. 8.

Over level land, through brush.

20.03 Set an iron post for 1/16 sec. cor. No. 5, in the center of the NE 1/4 of sec. 8, stamped on cap

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

40.06 Set an iron post for 1/16 sec. cor. No. 4, bet. the NE.

Subdivision of T. 4 S., R. 3 E.

Chains

and NW. quarters of sec. 8, with cap stamped

No 4 in N.
1/16 S 8 in center
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.

60.09 Set an iron post for 1/16 sec. cor. No. 3, in the center
of the NW 1/4 of sec. 8, with cap stamped

No 3 in N.
1/16 S 8 in center
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.

78.00 Wash, 60 lks. wide, 5 ft. deep, course NW.
Enter timber, brs. NW. and SE.

80.12 The 1/16 sec. cor. No. 6, bet. secs. 7 and 8 (N 1/2).

Land, level.
Soil, 2nd rate.
Brush, mesquite and sage.
Timber, mesquite, 2.00 chs.

From the 1/4 sec. cor. bet. secs. 7 and 8, I run
N. 89° 58' E. on a random line through the middle of sec.
8, setting temp. cors. at intervals of 20.00 chs.

80.08 Falls 2 lks. N. of the 1/4 sec. cor. bet. secs. 8 and 9.

Thence I run
S. 89° 59' W. on a true line through the middle of sec. 8.
Over level land, through brush.

20.02 Set an iron post for 1/16 sec. cor. No. 7, bet. the NE.
and SE. quarters of sec. 8, with cap stamped

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

24.00 Road, brs. NE. and SW.

40.04 Set an iron post for center 1/4 sec. cor. of sec. 8, with
cap stamped

C 1/4 S 8 in center
1911 in S.

Dig pits 18x18x12 ins. E., W. and S., 3 ft., and N. of
post 7 ft. dist.; and raise a mound of earth 4 ft. base,
2 ft. high, N. of cor.

Subdivision of T. 4 S., R. 3 E.

Chains

45.00 Road, brs. NE. and SW.

60.06 Set an iron post for 1/16 sec. cor. No. 8, bet. the NW. and SW. quarters of sec. 8, with cap stamped

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

72.00 Wash, 60 lks. wide and 8 feet deep, course N.

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

80.08 The 1/4 sec. cor. bet. secs. 7 and 8.

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

From the 1/16 sec. cor. No. 12, bet. secs. 7 and 8, (S 1/2) I run

N. 89° 58' E. on a random line through the middle of the S. half of sec. 8, setting temp. cors. at intervals of 20.00 chs.

80.00 Falls 4 lks. N. of the 1/16 sec. cor. No. 12, bet. secs. 8 and 9 (S 1/2).

Thence I run

West on a true line through the middle of the S. half of sec. 8.

Over level land, through brush.

20.00 Set an iron post for 1/16 sec. cor. No. 11, in the center of the SE 1/4 of sec. 8, with cap stamped

No 11 in N.
1/16 S 8 in center
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.

29.50 Road, brs. N. and S.

37.00 Indian hut, brs. N., 140 lks. dist.

40.00 Set an iron post for 1/16 sec. cor. No. 10, bet. the SE. and SW. quarters of sec. 8, with cap stamped

No 10 in N.
1/16 S 8 in center
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 Road, brs. NW. and SE.

Subdivision of T. 4 S., R. 3 E.

Chains

- 49.00 Road, brs. NE. and SW.
- 60.00 Set an iron post for 1/16 sec. cor. No. 9, in the center of the SW $\frac{1}{4}$ of sec. 8, with cap stamped
- No 9 in N.
1/16 S 8 in center
1921 in S., from which the
- NW. cor. of Indian hut brs. S. 46 $\frac{1}{2}$ ° W., 111 lks. dist.
Mkd. 1/16 S 8 B O.
SE. cor. of Indian hut brs. N. 53° W., 130 lks. dist.
Mkd. 1/16 S 8 B O.
- 60.80 Indian hut, brs. S. 80° W., 180 lks. dist.
- 61.00 Indian hut brs. N., 90 lks. dist.
- 66.00 Corral, 150x250 ft., brs. N., 200 lks. dist.
- 66.25 Well, brs. N., 220 lks. dist.
- 67.50 Hut, brs. S., 300 lks. dist.
- 67.80 SE. cor. of Indian hut.
- 68.20 Indian hut, brs. S., 70 lks. dist.
- 70.00 Indian hut, brs. S., 150 lks. dist.
- 72.00 Wash, 60 lks. wide, 5 ft. deep, course N. 30° W.
- 80.00 The 1/16 sec. cor. No. 12, bet. secs. 7 and 8 (S $\frac{1}{2}$).
- Land, level.
Soil, 2nd rate.
Brush, mesquite and sage.

April 20, 1911.

April 21, 1911. At 7.00 a.m., l.m.t., I set off 33° 06' on the lat. arc, 11° 38' N. on the decl. arc, and determine a meridian with the solar at the 1/16 sec. cor. No. 6, bet. secs. 7 and 8 (N $\frac{1}{2}$).

Thence I run

West on a random line through the middle of the N. half of sec. 7, setting temp. cors. at intervals of 20.00 chs.

- 79.20 Falls 7 lks. N. of the 1/16 sec. cor. No. 6, bet. secs. 7 and 12 on W. bdy. of Tp., previously described.

Thence I run

N. 89° 57' E. on a true line through the middle of the N. half of sec. 7.

Over level land, through brush.

- 7.00 Wash, 40 lks. wide, 2 ft. deep, course N.
- 19.20 Set an iron post for 1/16 sec. cor. No. 3, in the center of the NW $\frac{1}{4}$ of sec. 7, with cap stamped
- No 3 in N.
1/16 S 7 in center
1911 in S., from which

Subdivision of T. 4 S., R. 3 E.

Chains

A mesquite 10 ins. dia. brs. N. 45° E., 4 lks. dist.
Mkd. 1/16 S 7 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 3½ ft. base, 1½ ft. high,
N. of cor.

24.00 Wash, 50 lks. wide, 2 ft. deep, course N.

39.20 Set an iron post for 1/16 sec. cor. No. 4, bet. the NE.
and NW. quarters of sec. 7, with cap stamped

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

59.20 Set an iron post for 1/16 sec. cor. No. 5, in the center
of the NE¼ of sec. 7, with cap stamped

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

65.00 Wash, 60 lks. wide, 3 ft. deep, course NW.

72.00 Road, brs. NW. and SE.

75.00 Enter timber, brs. NW. and SE.

76.20 Wash, 60 lks. wide, 3 ft. deep, course NW.

79.20 The 1/16 sec. cor. No. 6, bet. secs. 7 and 8 (N½).

Land, level.
Soil, 2nd rate.
Brush, mesquite and sage.
Timber, mesquite, 4.20 chs.

From the ¼ sec. cor. bet. secs. 7 and 8, I run

West on a random line through the middle of sec. 7, setting
temp. cors. at intervals of 20.00 chs.

79.20 Intersect the ¼ sec. cor. bet. secs. 7 and 12, on W. bdy.
of Tp., previously described.

Thence I run

East on a true line through the middle of sec. 7.

Over level land, through brush.

19.20 Set an iron post for 1/16 sec. cor. No. 8, bet. the NW.
and SW. quarters of sec. 7, with cap stamped

No 8 in N.
1/16 S 7 in center
1911 in S.

Subdivision of 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.

39.20 Set an iron post for center ¼ sec. cor. of sec. 7, with cap stamped

C ¼ S 7 in center
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.

59.20 Set an iron post for 1/16 sec. cor. No. 7, bet. the NE. and SE. quarters of sec. 7, with cap stamped

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

61.20 Wash, 30 lks. wide, 4 ft. deep, course N.

75.20 Wash, 100 lks. wide, 6 ft. deep, course N.

79.20 The ¼ sec. cor. bet. secs. 7 and 8.

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

From the 1/16 sec. cor. No. 12, bet. secs. 7 and 8 (S½), I run

West on a random line through the middle of the S. half of sec. 7, setting temp. cors. at intervals of 20.00 chs.

79.33 Intersect the 1/16 sec. cor. No. 12, bet. secs. 7 and 12, (S½), on W. bdy. of Tp., previously described.

Thence I run

East on a true line through the middle of the S. half of sec. 7.

Over level land, through brush.

19.33 Set an iron post for 1/16 sec. cor. No. 9, in the center of the SW¼ of sec. 7, with cap stamped

No 9 in N.
1/16 S 7 in center
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.

30.00 Enter timber, brs. N. and S.

39.33 Set an iron post for 1/16 sec. cor. No. 10, bet. the SE. and SW. quarters of sec. 7, with cap stamped

Subdivision of T. 4 S., R. 3 W.

Chains

No 10 in N.
1/16 S 7 in center
1911 in S., from which

A mesquite 18 ins. dia. brs. S. 21½° W., 20 lks. dist.
Mkd. 1/16 S 7 B T.
A mesquite 10 ins. dia. brs. N. 70½° W., 35 lks. dist.
Mkd. 1/16 S 7 B T.

- 59.00 Wash, 40 lks. wide, 4 ft. deep, course N.
- 59.33 Set an iron post for 1/16 sec. cor. No. 11, in the center of the SE¼ of sec. 7, with cap stamped

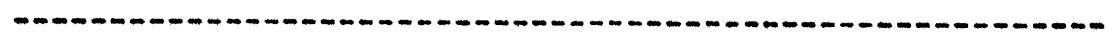
No 11 in N.
1/16 S 7 in center
1911 in S., from which

A mesquite 20 ins. dia. brs. S. 65° E., 34 lks. dist.
Mkd. 1/16 S 7 B T.
A mesquite 12 ins. dia. brs. N. 4½° W., 22 lks. dist.
Mkd. 1/16 S 7 B T.

- 61.60 Leave timber, brs. N. and S.
- 68.00 Road, brs. N. 60° E. and S. 60° W.
- 75.00 Wash, 100 lks. wide, 6 ft. deep, course N., 20° W.
- 79.33 The 1/16 sec. cor. No. 12, bet. secs. 7 and 8 (S½).

Land, level.
Soil, 2nd rate.
Brush, mesquite and sage.
Timber, mesquite, 31.00 chs.

April 21, 1911.



GENERAL DESCRIPTION.

This township consists of sandy soil, second and third rate, with patches of alkali.

There is no timber in the township, excepting along two dry washes in secs.³ 4, 6, 7, 8 and 10.

The Arizona Eastern R.R. runs through secs. 2, 10 and 11.

There is no running water in this township, but water is secured at from 4 to 20 feet.

A small Indian village of about 30 people is situated in sec. 8.

The township is covered with sage brush and small mesquite brush.

Robert A. Farmer,
Topographer.

List of Assistants:

- H. W. Van Noate, Chairman
- Fred'k C. Miller, Chainman
- H. C. Hatcher, Flagman
- W. T. Voorhees, Axman
- V. S. Gardener, Axman
- G. A. Patterson, Moundsman
- Lee C. Daves, Instrumentman

Washington, D.C., *June 17,* 1915.

I hereby certify that the survey of subdivision lines in T. 4 S., R. 3 E., within the Gila 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 instructions given me 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.

ECCY 3408

CERTIFICATE OF ASSISTANTS.

We, the undersigned, hereby certify upon honor that we assisted, to the best of our skill and ability, _____, U. S. Surveyor, during the periods and in the capacities stated opposite our several signatures, in surveying all those parts or portions of _____

For oaths of assistants, see Book "B" (township exteriors and reservation boundary)

of the _____ Meridian, in the State of _____ 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.

Table with 3 columns: NAME, PERIOD OF SERVICE (BEGUN, ENDED), and CAPACITY. The table contains multiple empty rows for recording data.

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

63

FINAL OATH OF UNITED STATES SURVEYOR.

I, _____, U. S. Surveyor, do solemnly swear that, in pursuance of special instructions received from the U. S. Surveyor General for _____ bearing date of the _____ day of _____, 191 _____, 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 _____

For oath of U.S. Surveyor, see Book "B" (township exteriors and reservation boundary)

_____ of the _____ Meridian, in the State of _____, 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 General for _____ and in the specific manner described in the field notes, and that the foregoing are the original field notes of such survey.

U. S. Surveyor.

Subscribed by said _____, and sworn to before me } this _____ day of _____, 191 _____



APPROVAL.

OFFICE OF THE COMMISSIONER OF THE GENERAL LAND OFFICE OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

Washington, D.C., Oct. 31, 1921.

The foregoing field notes of the survey of the subdivision lines of T. 4 S., R. 3 E., within the Gila River Indian Reservation, Arizona,

executed by Robert A. Farmer, Topographer, under direction of A.F. Dunnington, Topographer in Charge of Indian Surveys under his special instructions dated Oct. 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) William Spry 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 the Gila River Ind. Res'n, Ariz., has been correctly copied from the original notes on file in this office.

[Handwritten signature]

[Handwritten signature] William Spry U.S. Surveyor General - Commissioner of the General Land Office