

Book

"D."

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4-679

161

BOOK 2391

2391

MAY 13 1913

FIELD NOTES

OF THE SURVEY OF THE

Subdivision of

T. 3 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~~
to A. F. Dunnington, Topographer in Charge.

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

~~Congress dated _____, 1911.~~

Survey commenced February 1-, 1911.

Survey completed February 6-, 1911.

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1A

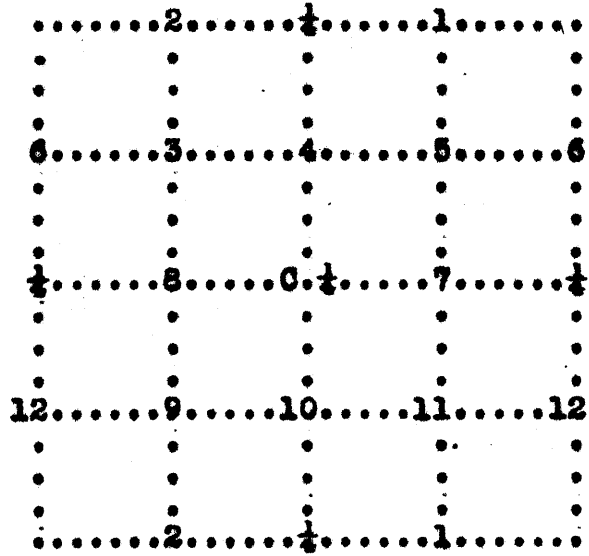
BOOK 2391

INDEX DIAGRAM.

Township 3 N., Range 5 E.

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



Chains

February 1, 1911, survey commenced by Robert A. Farmer, Topographer and U. S. Surveyor, and executed with Young & Sons' 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.

This instrument was tested and found to be in adjustment, on a meridian at my camp in sec. 16, T. 2 N., R. 6 E. This meridian was established as follows:

January 3, 1911, at 12h. 37.2m., a.m., l.m.t., I observe Polaris at Western elongation in accordance with the Manual and mark a point in the line thus determined on a peg driven into the ground 5 chs. Northerly from my station.

January 4, 1911, at 8h., a.m., l.m.t., I lay off the azimuth of Polaris $1^{\circ} 24'$ to the East, and mark the meridian thus determined by a tack driven into a hub firmly set in the ground, East of the point set last night. The SE. cor. of this tp. is in Lat. $33^{\circ} 33' 8''$ N., Long. $111^{\circ} 47' 9''$ W.

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

February 1, 1911, at 8h., a.m., l.m.t., I set off $33^{\circ} 33'$ N. on the lat. arc, $17^{\circ} 15'$ S. on the decl. arc, and determine a meridian with the solar at the cor. of secs. 1, 2, 35 and 36, on the S. bdy. of T. 3 N., R. 5 E.

Thence I run

N. $0^{\circ} 1'$ W. bet. secs. 35 and 36

Over rolling land,

Through scattered timber, giant and cholla cactus, and greasewood brush.

7.00

Dry wash, 10 lks. wide, course SW.

Chains

- 16.00 Dry wash, 15 lks. wide, course S. 20° W.
- 20.00 Set an iron post for 1/16 sec. cor. No. 12 bet. secs. 35 and 36, 8½, with brass cap stamped
- No 12 in N.
1/16 S 35 in W.
S 36 " E.
1911 " S.
- 38.00 Dig pits 18x18x12 ins. N. and S. of post 3 ft. dist.; and raise mound of earth 3½ ft. base, 1½ ft. high, W. of cor. No B.T.'s available.
- 40.00 Dry wash, 5 lks. wide, course S. 30° W.
- 40.00 set an iron post for ¼ sec. cor. bet. secs. 35 and 36, with brass cap stamped
- ¼ S 35 in W.
S 36 " E.
1911 " S.
- Dig pits 18x18x12 ins. N. and S. of post 3 ft. dist.; and raise mound of earth 3½ ft. base, 1½ ft. high, W. of cor. No B.T.'s available.
- 45.75 Dry wash, 10 lks. wide, course S. 30° W.
- 58.00 Arroyo, 10 ft. deep, course S. 30° W.
- 60.00 Set an iron post for 1/16 sec. cor. No. 6, bet. secs. 35 and 36, N½, with brass cap stamped
- No 6 in N.
1/16 S 35 in W.
S 36 " E.
1911 " S.
- Dig pits 18x18x12 ins. N. and S. of post 3 ft. dist.; and raise mound of earth 3½ ft. base, 1½ ft. high, W. of cor. No B.T.'s available.
- 80.00 Intersect the N. bdy. of Salt River Indian Reservation.
- Set an iron post for cor. of secs. 25, 26, 35 and 36, with brass cap stamped
- T 3 N S 25 in NE. quadrant
R 5 E S 36 " SE. "
S 35 " SW. "
S 26 " NW. "
S R I R 1911 in S.
1 notch on the S. and 1 on the E. edge.
- Raise mound of stone 3 ft. base, 2 ft. high, W. of cor.
- After diligent search, no sign of the old cor. was found.
- Land, rolling and rocky.
Soil, 4th rate.
Timber, scattered palo verde and ironwood.
Greaseweed brush, giant and cholla cactus.

Chains

- East on a random line bet. secs. 25 and 36
Along the N. bdy. of Salt River Indian Reservation.
- 20.00 Set temp. $1/16$ sec. cor. No. 2.
- 40.00 Set temp. $\frac{1}{2}$ sec. cor.
- 60.00 Set temp. $1/16$ sec. cor. No. 1.
- 80.00 Intersect the cor. of secs. 25, 30, 31 and 36, on the E.
bdy. of the tp.
- Thence I run
West on a true line bet. secs. 25 and 36,
Along the N. bdy. of Salt River Indian Reservation,
Over rolling land,
Through scattered palo verde and ironwood trees, grease-
wood brush, giant and cholla cactus.
- 7.50 Dry wash, 10 lks. wide, course S.
- 20.00 Set an iron post for $1/16$ sec. cor. No. 1 bet. secs. 25
and 36, $\frac{1}{2}$, with brass cap stamped
 $1/16$
No 1, S 25 in N.
S 36 S R I R 1911 in S.
- Raise mound of stone 3 ft. base, 2 ft. high, N. of cor.
- From this point, the old $1/16$ sec. cor., which is a stone
 $18 \times 10 \times 4$ ins., 14 ins. in the ground, mkd. $1/16$ on S.
face, bears S. $0^\circ 1'$ E., 3.52 chs. dist. I destroy all
trace of this old cor.
- 28.00 Dry wash, 8 lks. wide, course S. 60° W.
- 34.00 Dry wash, 10 lks. wide, course S. 30° E.
- 37.50 Dry wash, 10 lks. wide, course S. 10° W.
- 40.00 Set an iron post for $\frac{1}{2}$ sec. cor. bet. secs. 25 and 36,
with brass cap stamped
 $\frac{1}{2}$ S 25 in N.
S 36 S R I R 1911 in S.
- Raise mound of stone 3 ft. base, 2 ft. high, N. of cor.
No B.T.'s available.
- From this point, the old $\frac{1}{2}$ sec. cor., which is a stone
 $14 \times 14 \times 8$, 12 ins. in the ground, mkd. $1/4$ on S. face,
brs. S., 3.40 chs. dist. I destroy all sign of old cor.
- 54.00 Dry wash, 20 lks. wide, course S. 30° W.
- 60.00 Set an iron post for $1/16$ sec. cor. No. 2 bet. secs. 25
and 36, $\frac{1}{2}$, with brass cap stamped
 $1/16$ S 25 No 2 in N.
S 36 S R I R 1911 in S.

Chains	
	<p>Raise mound of stone 3 ft. base, 2 ft. high, N. of cor.</p> <p>No B.T.'s available.</p> <p>From this point, the old 1/16 sec. cor., which is a stone 16x10x8 ins., 10 ins. in the ground, mkd. 1/16 on S. face, brs. S., 3.45 chs. dist. I destroy all trace of this old cor.</p>
78.00	Dry wash 10 lks. wide, course S.
80.00	The cor. of secs. 25, 26, 35 and 36.
	<p>Land, rolling and cut by washes from the foot of McDowell Mountains.</p> <p>Soil, 4th rate.</p> <p>Timber, scattered palo verde and ironwood.</p> <p>Greasewood brush, giant and cholla cactus.</p>
<hr/>	
	<p>From the 1/16 sec. cor. No. 12 bet. secs. 35 and 36, S$\frac{1}{2}$,</p> <p>I run</p> <p>East on a random line through the S. $\frac{1}{2}$ of sec. 36.</p>
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	<p>Fall 4 lks. N. of 1/16 sec. cor. No. 12 bet. secs. 31 and 36, S$\frac{1}{2}$, on the E. bdy. of the tp., previously described.</p> <p>Thence I run</p> <p>N. 89° 58' W. on a true line</p> <p>Through the S. $\frac{1}{2}$ of sec. 36,</p> <p>Over rolling land.</p> <p>Through dense cholla cactus, scattered palo verde and ironwood, and greasewood.</p>
12.00	Dry wash, 10 lks. wide, course S. 15° E.
20.00	<p>Set an iron post for 1/16 sec. cor. No. 11 in the center of the SE. $\frac{1}{4}$ of sec. 36, with brass cap stamped</p> <p style="padding-left: 40px;">No 11 in N. 1/16 S 36 in center 1911 in S.</p> <p>Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise mound of earth 3$\frac{1}{2}$ ft. base, 1$\frac{1}{2}$ ft. high, N. of cor.</p> <p>No B.T.'s available.</p> <p>Leave dense cholla cactus. Thence through scattered timber, giant and cholla cactus, and greasewood.</p>
29.00	Dry wash, 10 lks. wide, course S.

Chains

- 40.00 Set an iron post for 1/16 sec. cor. No. 10 bet. the SE. and SW. $\frac{1}{4}$ s of sec. 36, with brass cap stamped
- No 10 in N.
1/16 S 36 in center
1911 in S.
- Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise mound of earth 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, N. of cor.
- 46.00 Dry wash, 15 lks. wide, course S.
- 57.50 Dry wash, 10 lks. wide, course S. 30° 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. 36, with brass cap stamped
- No 9 in N.
1/16 S 36 in center
1911 in S.
- Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise mound of earth 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, N. of cor.
- No B.T.'s available.
- 64.50 Dry wash, 10 lks. wide, course S. 10° W.
- 76.00 Dry wash, 10 lks. wide, course S. 20° W.
- 80.00 The 1/16 sec. cor. No. 12 bet. secs. 35 and 36, S $\frac{1}{4}$.
- Land, rolling and cut by dry washes, from the mountains. Soil, stony, 3rd rate. Timber, scattered palo verde and ironwood. Dense cholla cactus, 20.00 chs. Greasewood brush and giant cactus.
-
- From the $\frac{1}{4}$ sec. cor. bet. secs. 35 and 36, I run East on a random line through the middle of sec. 36.
- 20.00 Set temp. 1/16 sec. cor. No. 8.
- 40.00 Set temp. C. $\frac{1}{4}$ sec. cor.
- 60.00 Set temp. 1/16 sec. cor. No. 7.
- 80.00 Fall 10 lks. N. of the $\frac{1}{4}$ sec. cor. bet. secs. 31 and 36, on the E. bdy. of the tp., previously described.
- Thence I run N. 89° 55' W. on a true line Through the middle of sec. 36, Over rolling land, Through scattered palo verde and ironwood trees, cactus, and greasewood.
- 4.00 Arroyo, 10 ft. deep, 20 lks. wide, course S.
- 11.00 Dry wash, 10 lks. wide, course S.

Chains

- 20.00 Set an iron post for $1/16$ sec. No. 7 bet. the NE $\frac{1}{4}$ and SE $\frac{1}{4}$ of sec. 36, with brass cap stamped
- No 7 in N.
 $1/16$ S 36 in center
 1911 in S.
- Dig pits $18 \times 18 \times 12$ ins. E. and W. of post 3 ft. dist.; and raise mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, N. of cor.
- No B.T.'s available.
- 38.00 Dry wash, 10 lks. wide, course S.
- 40.00 set an iron post for C. $\frac{1}{4}$ sec. cor. of sec. 36, with brass cap stamped
- S $\frac{1}{4}$ S 36 in center
 1911 in S.
- Dig pits $18 \times 18 \times 12$ ins., E., S. and W. of post 3 ft., and N. of post 7 ft. dist., and raise mound of earth 4 ft. base, 2 ft. high, N. of cor.
- No B.T.'s available.
- 42.00 Dry wash, 30 lks. wide, course S.
- 44.00 Dry wash, 10 lks. wide, course S.
- 55.00 Dry wash, 5 lks. wide, course S.
- 60.00 Set an iron post for $1/16$ sec. cor. No. 8 bet. the NW. and SW. $\frac{1}{4}$ s of sec. 36, with brass cap stamped
- No 8 in N.
 $1/16$ S 36 in center
 1911 in S.
- Dig pits $18 \times 18 \times 12$ ins. E. and W. of post 3 ft. dist.; and raise mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, N. of cor.
- No B.T.'s available.
- 78.00 Dry wash, 10 lks. wide, course SW.
- 80.00 The $\frac{1}{4}$ sec. cor. bet. secs. 35 and 36.
- Land, rolling.
 Soil, 3rd rate, stony.
 Timber, small and scattered palo verde and ironwood.
 Greasewood and cactus.
-
- Feb. 1, 1911, at the $1/16$ sec. cor. No. 6 bet. secs. 35 and 36, N $\frac{1}{4}$, I set off $17^{\circ} 13\frac{1}{2}'$ S. on the decl. arc, and ~~observed~~ at 12h.13m.39s., p.m., l.m.t., observe the sun on the meridian; the resulting latitude is $33^{\circ} 34'$ N., which is within 1' of the correct latitude.
- Thence I run
- East on a random line through the N. $\frac{1}{4}$ of sec. 36.
- 20.00 Set temp. $1/16$ sec. cor. No. 3.
- 40.00 Set temp. $1/16$ sec. cor. No. 4.

Chains

- 60.00 Set temp. 1/16 sec. cor. No. 5.
- 80.00 Pull 6 lks. N. of 1/16 sec. cor. No. 5 bet. secs. 31 and 36, N $\frac{1}{2}$, on the E. bdy. of the tp., previously described.
- Thence I run
- N. 89° 57' W. on a true line
- Through the N. $\frac{1}{2}$ of sec. 36,
- Over rolling land,
- Through scattered palo verde and ironwood timber, giant and cholla cactus, and greasewood.
- 20.00 Set an iron post for 1/16 sec. cor. No. 5 ~~at~~ ⁱⁿ the center of the NE. $\frac{1}{4}$ of sec. 36, with brass cap stamped
- No 5 in N.
1/16 S 36 in center
1911 in S.
- Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise mound of earth 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, N. of cor.
- No B.T.'s available.
- 28.00 Dry wash, 15 lks. wide, course S.
- 31.00 Dry wash, 15 lks. wide, course S.
- 39.20 Dry wash, 10 lks. wide, course S.
- 40.00 Set an iron post for 1/16 sec. cor. No. 4 bet. the NE. and NW. $\frac{1}{4}$ s of sec. 36, with brass cap stamped
- No 4 in N.
1/16 S 36 in center
1911 in S.
- raise mound of stone 2 ft. base, 1 $\frac{1}{2}$ ft. high, N. of cor.
- 52.50 Dry wash, 10 lks. wide, course S. 10° E.
- 60.00 get an iron post for 1/16 sec. cor. No. 3 in the center of the NW. $\frac{1}{4}$ of sec. 36, with brass cap stamped
- No 3 in N.
1/16 S 36 in center
1911 in S.
- From which -
- Palo verde, 10 ins. in diam., brs. S. 19° E., 36 lks. dist., mkd. 1/16 S 36 B F
- Palo verde, 10 ins. in diam., brs. S. 86° W., 41 lks. dist., mkd. 1/16 S 36 B F
- 60.50 Dry wash, 15 lks. wide, course S.
- 75.00 Dry wash, 10 lks. wide, course S.
- 78.00 Dry wash, 10 lks. wide, course SW.

Chains

80.00 The 1/16 sec. cor. No. 6 bet. secs. 35 and 36, N 1/2.

Land, rolling.

Soil, 3rd rate.

Scattered palo verde and ironwood trees.

Cactus and greasewood brush.

- feb. 1, 1911.

Feb. 2, 1911, at 8h., a.m., l.m.t., I set off 16° 58' S. on the decl. arc, 33° 33' N. on the lat. arc, and determine a meridian with the solar at the cor. of secs. 2, 3, 34 and 35, on the S. bdy. of T. 3 N., R. 5 E.

Thence I run

N. 0° 1' W. bet. secs. 34 and 35

Over rolling land,

Through greasewood brush, scattered palo verde and ironwood trees.

9.40 Dry wash, course S. 15° W., 10 lks. wide.

20.00 Set an iron post for 1/16 sec. cor. No. 12 bet. secs. 34 and 35, S 1/2, with brass cap stamped

No 12 in N.
1/16 S 34 in W.
S 35 " E.
1911 " S.

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

32.40 Dry wash, 10 lks. wide, course S. 15° W.

40.00 Set an iron post for 1/4 sec. cor. bet. secs. 34 and 35, with brass cap stamped

1/4 S 34 in W. half
S 35 " E. "
1911 " S.

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

No B.T.'s available.

50.50 Dry wash, 15 lks. wide, course S. 20° W.

57.00 Arroyo, 15 ft. deep, 80 lks. wide, course S. 30° W.

60.00 Set an iron post for 1/16 sec. cor. No. 6 bet. secs. 34 and 35, N 1/2, with brass cap stamped

No 6 in N.
1/16 S 34 in W.
S 35 " E.
1911 " S.

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

No B.T.'s available.

Chains

76.50 Arroyo, 10 ft. deep, 50 lks. wide, course S. 30° W.
80.00 Intersect the N. bdy. of Salt River Indian Reservation.
Set an iron post for cor. of secs. 26, 27, 34 and 35, with
brass cap stamped

T 3 N S 26 in NE. quadrant
R 5 E S 35 " SE. "
S 34 " SW. "
S 27 " NW. "
S R I R 1911 in S.
1 notch on the S. and 2 on the E. edge.

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

No B.T.'s available.

From this point, the old cor., a stone 18x8x4 ins., 12 ins.
in the ground, mkd. S R I R on S. face, with 1 notch on
the S. and 2 notches on the E. face, bears S. 0° 2' E.,
3.45 chs. dist. I destroy all sign of the old cor.

Land, rolling.
Soil, 3rd rate and stony.
Scattered pale verde and ironwood trees.
Greasewood brush and cactus.

East on a random line bet. secs. 26 and 35,
Along the N. bdy. of the Salt River Indian Reservation.

20.00 Set temp. 1/16 sec. cor. No. 2.
40.00 Set temp. 1/4 sec. cor.
60.00 Set temp. 1/16 sec. cor. No. 1.
80.12 Fall 6 lks. N. of the cor. of secs. 25, 26, 35 and 36.

Thence I run
N. 89° 57' W. on a true line bet. secs. 26 and 35,
Along the N. bdy. of Salt River Indian Reservation,
Over rolling land.

14.00 Dry wash, 10 lks. wide, course SW.
15.50 Dry wash, 10 lks. wide, course S.
20.03 Set an iron post for 1/16 sec. cor. No. 1 bet. secs. 26
and 35, 2 1/2, with brass cap stamped

No 1 1/16 S 26 in N.
S 35 S R I R 1911 in S.

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

No B.T.'s available.

After diligent search, no sign of old cor. found.

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

Chains

- 40.06 Set an iron post for $\frac{1}{2}$ sec. cor. bet. secs. 28 and 35,
with brass cap stamped
 $\frac{1}{2}$ S 26 in N. half
S 35 S R I R 1911 in S. half
Raise mound of stone 3 ft. base, 2 ft. high, N. of cor.
No B.T.'s available.
From this point, the old $\frac{1}{2}$ sec. cor., a stone 12x8x6 ins.,
8 ins. in the ground, mkd. $\frac{1}{2}$ on the S. face, hrs. S. 1°
E., 3.45 chs. dist. Destroy all signs of this old cor.
- 53.00 Arroyo, 10 ft. deep, 40 lks. wide, course SW.
- 52.50 Dry wash, 10 ft. deep, course S.
- 60.09 Set an iron post for $\frac{1}{16}$ sec. cor. No. 2 bet. secs. 26
and 35, W $\frac{1}{2}$, with brass cap stamped
No 2 $\frac{1}{16}$ S 26 in N.
S 35 S R I R 1911 in S.
Raise mound of stone 3 ft. base, 2 ft. high, N. of cor.
No B.T.'s available.
From this point, the old $\frac{1}{16}$ sec. cor., which is a stone
14x16x6 ins., 10 ins. in the ground, hrs. S., 3.30 chs.
dist. Destroy all signs of this old cor.
- 76.00 Dry wash, 10 lks. wide, course S. 80° W.
- 80.12 The cor. of secs. 28, 29, 34 and 35.
Land, rolling.
Soil, 3rd rate.
Scattered pale verde and ironwood trees.
Greasewood brush and cactus.
-
- From the $\frac{1}{16}$ sec. cor. No. 12 bet. secs. 34 and 35, S $\frac{1}{2}$,
I run
East on a random line through the S. $\frac{1}{2}$ of sec. 35.
- 20.00 Set temp. $\frac{1}{16}$ sec. cor. No. 9.
- 40.00 Set temp. $\frac{1}{16}$ sec. cor. No. 10.
- 60.00 Set temp. $\frac{1}{16}$ sec. cor. No. 11.
- 80.04 Intersect the $\frac{1}{16}$ sec. cor. No. 12 bet. secs. 35 and 36,
S $\frac{1}{2}$.
Thence I run
West on a true line through the S. $\frac{1}{2}$ of sec. 35,
Over rolling land,
Through greasewood brush, scattered pale verde and iron-
wood trees.

Chains

- 13.00 Dry wash, 15 lks. wide, course S.
- 20.01 get an iron post for 1/16 sec. cor. No. 11 in the center of the SE. $\frac{1}{4}$ of sec. 35, with brass cap stamped
- No 11 in N.
1/16 S 35 in center
1911 in S.
- Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise mound of earth 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, N. of cor.
- 23.10 Dry wash, 20 lks. wide, course S.
- 40.02 get an iron post for 1/16sec. cor. No. 10 bet. the SE. and SW. $\frac{1}{8}$ s of sec. 35, with brass cap stamped
- No 10 in N.
1/16 S 35 in center
1911 in S.
- Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise mound of earth 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, N. of cor.
- 49.00 Dry wash, 20 lks. wide, course S.
- 55.00 Dry wash, 20 lks. wide, course S.
- 60.03 get an iron post for 1/16 sec. cor. No. 9 in the center of the SW. $\frac{1}{4}$ of sec. 35, with brass cap stamped
- No 9 in N.
1/16 S 35 in center
1911 in S.
- Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise mound of earth 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, N. of cor.
- No B.T.'s available.
- 74.00 Dry wash, 20 lks. wide, course S. 50° W.
- 80.04 The 1/16 sec. cor. No. 12 bet. secs. 34 and 35, S $\frac{1}{4}$.
- land, rolling.
Soil, 2nd rate.
Scattered palo verde and ironwood trees.
greasewood brush.
-
- From the $\frac{1}{4}$ sec. cor. bet. secs. 34 and 35, I run East on a random line through the middle of sec. 35.
- 20.00 Set temp. 1/16 sec. cor. No. 8.
- 40.00 Set temp. C. $\frac{1}{4}$ sec. cor.
- 60.00 Set temp. 1/16 sec. cor. No. 7.
- 80.04 Intesect the 1/16 sec. cor. bet. secs. 35 and 36.
- Thence I run West on a true line through the middle of sec. 35, Over rolling land,

Chains

Through greasewood brush and scattered palo verde and ironwood trees.

- 2.00 Dry wash, 15 lks. wide, course S.
- 20.01 Set an iron post for 1/16 sec. cor. No. 7 bet. the NE. and SE. $\frac{1}{8}$ s of sec. 35, with brass cap stamped
- No 7 in N.
1/16 S 35 in center
1911 in S.
- Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, N. of cor.
- No B.T.'s available.
- 36.10 Dry wash, 20 lks. wide, course S.
- 40.02 Set an iron post for C. $\frac{1}{4}$ sec. cor. of sec. 35, with brass cap stamped
- C $\frac{1}{4}$ S 35 in center
1911 in S.
- Dig pits 18x18x12 ins. E., S. and W., 3 ft. and N. of post 7 ft. dist., and raise mound of earth 4 ft. base, 2 ft. high, N. of cor.
- 48.00 Dry wash, 20 lks. wide, course SW.
- 60.03 set an iron post for 1/16 sec. cor. No. 8 bet. the NW. and SW. $\frac{1}{8}$ s of sec. 35, with brass cap stamped
- No 8 in N.
1/16 S 35 in center
1911 in S.
- Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, N. of cor.
- 74.00 Dry wash, 20 lks. wide, course S. 30° W.
- 80.04 The $\frac{1}{4}$ sec. cor. bet. secs. 34 and 35.
- Land, rolling.
Soil, 2nd rate and stony.
Scattered palo verde and ironwood trees.
Greasewood brush.

From the 1/16 sec. cor. No. 6 bet. secs. 34 and 35, N $\frac{1}{4}$.

I run

East on a random line through the N. $\frac{1}{4}$ of sec. 35.

- 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.
- 80.08 Fall 2 lks. N. of 1/16 sec. cor. No. 6 bet. secs. 35 and 36, N $\frac{1}{4}$.

Chains

Thence I run

N. 89° 59' W. on a true line through the N. $\frac{1}{4}$ of sec. 35,
Over rolling land,

Through brush and scattered palo verde trees.

14.30 Arroyo, 15 ft. deep, course S. 30° W.

19.90 Arroyo, 12 ft. deep, course S. 30° W.

20.02 Set an iron post for 1/16 sec. cor. No. 5 in the center of
the NE. $\frac{1}{4}$ of sec. 35, with brass cap stamped

No 5 in N.
1/16 S 35 in center
1911 in S.

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

24.00 Arroyo, 12 ft. deep, 20 lks. wide, course S. 30° W.

33.00 Arroyo, 15 ft. deep, 100 lks. wide, course S. 30° W.

40.04 set an iron post for 1/16 sec. cor. No. 4 bet. the NE. and
NW. $\frac{1}{4}$ s of sec. 35, with brass cap stamped

No 4 in N.
1/16 S 35 in center
1911 in S.

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

50.00 Arroyo, 6 ft. deep, 30 lks. wide, course S. 30° W.

60.06 Set an iron post for 1/16 sec. cor. No. 3 in the center of
the NW. $\frac{1}{4}$ of sec. 35, with brass cap stamped

No 3 in N.
1/16 S 35 in center
1911 in S.

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

64.00 Arroyo, 8 ft. deep, 30 lks. wide, course S. 30° W.

78.00 Arroyo, 10 ft. deep, 80 lks. wide, course S. 30° W.

80.08 The 1/16 sec. cor. No. 6, bet. secs. 34 and 35, N $\frac{1}{4}$.

Land, rolling.

Soil, 3rd rate.

Timber: Palo verde and ironwood trees.

Greasewood brush and cactus.

- February 2, 1911.

Feb. 3, 1911, at 8h., a.m., l.m.t., I set off 33° 33' N.
on the lat. arc, 16° 41' S. on the decl. arc, and de-
termine a meridian with the solar at the cor. of secs.
3, 4, 33 and 34, on the S. bdy. of T. 3 N., R. 5 E.

Chains

Thence I run
 N. 0° 2' W. bet. secs. 33 and 34,
 Over rolling rocky land,
 Through scattered palo verde and ironwood trees, grease-
 wood brush and cactus.

20.00 get an iron post for 1/16 sec. cor. No. 12 bet. secs. 33
 and 34, 8½, with brass cap stamped

No 12 in N.
 1/16 S 33 in W.
 S 34 " E.
 1911 " S.

Dig pits 18x18x12 ins. N. and S. of post 3 ft. dist.; and
 raise mound of earth 3½ ft. base, 1½ ft. high, W. of cor.
 No B.T.'s available.

25.60 Dry wash, 30 lks. wide, course W.

40.00 get an iron post for ¼ sec. cor. bet. secs. 33 and 34,
 with brass cap stamped

¼ S 33 in W.
 S 34 " E.
 1911 " S.

Dig pits 18x18x12 ins. N. and S. of post 3 ft. dist.; and
 raise mound of earth 3½ ft. base, 1½ ft. high, W. of cor.
 No B.T.'s available.

60.00 Set an iron post for 1/16 sec. cor. No. 6 bet. secs. 33
 and 34, 7½, with brass cap stamped

No 6 in N.
 1/16 S 33 in W.
 S 34 " E.
 1911 " S.

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

64.00 Dry wash, course W., 100 lks. wide.

80.00 Intersect N. bdy. of Salt River Indian Reservation.
 Set an iron post for cor. of secs. 27, 28, 33 and 34,
 with brass cap stamped

T 3 N S 27 in NE. quadrant
 R 5 E S 34 " SE. "
 S 33 " SW. "
 S 28 " NW. "
 S R I R 1911 in S.
 1 notch on the S. and 3 on the E. edge.

Raise mound of stone 3 ft. base, 2 ft. high, W. of cor.
 No B.T.'s available.
 Soil, 2nd rate, rocky.

Chains

Land, rolling.
Palo verde and ironwood trees.
Greasewood brush and cactus.

East on a random line bet. secs. 27 and 34,
Along the N. bdy. of Salt River Indian Reservation.

20.00 Set temp. $1/16$ sec. cor. No. 2.

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

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

80.00 Intersect the cor. of secs. 26, 27, 34 and 35.

Thence I run

West on a true line bet. secs. 27 and 34,

Along the N. bdy. of Salt River Indian Reservation,

Over level land,

Through scattered palo verde and ironwood trees, greasewood brush and cactus.

13.00 Dry wash, 20 lks. wide, course SW.

20.00 Set an iron post for $1/16$ sec. cor. No. 1 bet. secs. 27 and 34, $W\frac{1}{2}$, with brass cap stamped

No 1 $1/16$ S 27 in N.
S 34 S R I R 1911 in N.

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

No B.T.'s available.

From this point, the old $1/16$ sec. cor., a stone $12 \times 12 \times 6$ ins., 8 ins. in the ground, mkd. $1/16$ on S. face, hrs. S. $1^\circ 15'$ E., 3.37 chs. dist. I destroy all trace of this old cor.

28.00 Dry wash, 30 lks. wide, course S. 30° W.

36.00 Dry wash, 30 lks. wide, course S. 80° W.

40.00 get an iron post for $\frac{1}{4}$ sec. cor. bet. secs. 27 and 34, with brass cap stamped

$\frac{1}{4}$ S 27 in N.
S 34 S R I R 1911 in S.

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

From this point, the old $\frac{1}{4}$ sec. cor., a stone $10 \times 8 \times 8$ ins., 6 ins. in the ground, mkd. $\frac{1}{4}$ on the S. face, hrs. S. 3.42 chs. dist. I destroy all sign of this old cor.

51.00 Dry wash, 20 lks. wide, course SW.

60.00 Set an iron post for $1/16$ sec. cor. No. 2 bet. secs. 27 and 34, $W\frac{1}{2}$, with brass cap stamped

Chains

No 2 1/16 S 27 in N.
S 34 S R I R 1911 in S.

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

From this point, the old 1/16 sec. cor., an old post badly decayed, brs. S., 3.20 chs. dist. I destroy all trace of this old cor.

80.00 The cor. of secs. 27, 28, 33 and 34.

Land, flat.

Soil, 2nd rate.

Scattered palo verde trees, greasewood and mesquite brush.

From the 1/16 sec. cor. No. 12, bet. secs. 33 and 34, S $\frac{1}{2}$.

I run

East on a random line through the S. $\frac{1}{2}$ of sec. 34.

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 Fall 10 lks. N. of the 1/16 sec. cor. No. 12, bet. secs. 34 and 35, S $\frac{1}{2}$.

Thence I run

N. 89° 56' W. on a true line through the S. $\frac{1}{2}$ of sec. 34,

Over flat 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. 34, with brass cap stamped

No 11 in N.
1/16 S 34 in center
1911 in S.

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

25.00 Dry wash, 15 lks. wide, course SW.

40.00 Point for 1/16 sec. cor. No. 10 falls in dry wash, 15 lks. wide, course S. 30° W.

40.10 Set an iron post for W. C. to 1/16 sec. cor. No. 10 bet. the SE. and SW. $\frac{1}{8}$ s of sec. 34, with brass cap stamped

No 10 1/16 S 34 in N.
W C 1911 in S.

From which -

Ironwood, 12 ins. in diam., brs. S. 3° 30' E., 291 lks. dist., mkd. 1/16 S 34 W C B T
Ironwood, 8 ins. in diam., brs. S. 0° 15' W., 319 lks. dist., mkd. 1/16 S 34 W C B T

Chains

60.00 get an iron post for 1/16 sec. cor. No. 9 in the center of the SW. 1/4 of sec. 34, with brass cap stamped

No 9 in N.
1/16 S 34 in center
1911 in S.

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

No B.T. available.

80.00 The 1/16 sec. cor. No. 18 bet. secs. 33 and 34, S 1/2.

Land, rocky.
Soil, 2nd rate.
Scattered palo verde and ironwood trees.
Mesquite and greasewood brush.

Feb. 3, 1911, at the 1/4 sec. cor. bet. secs. 33 and 34, I set off 16° 39' S. on the decl. arc, and at 12h.13m. 57sec., p.m., l.m.t., observe the sun on the meridian; the resulting latitude is 33° 33 1/2' N., which is within 1' of the correct latitude.

Thence I run

East on a random line through the middle of sec. 34.

20.00 Set temp. 1/16 sec. cor. No. 8.

40.00 Set temp. C. 1/4 sec. cor.

60.00 Set temp. 1/16 sec. cor. No. 7.

80.00 Fall 10 lks. N. of 1/4 sec. cor. bet. secs. 34 and 35.

Thence I run

N. 89° 56' W. on a true line through the middle of sec. 34

Over level, rocky land,

Through scattered palo verde and ironwood trees, and greasewood brush.

20.00 Set an iron post for 1/16 sec. cor. No. 7 bet. the NE. and SE. 1/8 of sec. 34, with brass cap stamped

No 7 in N.
1/16 S 34 in center
1911 in S.

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

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

40.00 Set an iron post for C. 1/4 sec. cor. of sec. 34, with brass cap stamped

C 1/4 S 34 in center
1911 in S.

Dig pits 18x18x12 ins. E., S. and W. 3 ft. and N. of post

Chains

7 ft. dist.; and raise mound of earth 4 ft. base, 2 ft. high, N. of cor.

No B.T.'s available.

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

60.00 get an iron post for 1/16 sec. cor. No. 8 bet. the NW. and SW. $\frac{1}{4}$ s of sec. 34, with brass cap stamped

No 8 in N.
1/16 S 34 in center
1911 in S.

From which -

Palo verde, 6 ins. in diam., hrs. S. $30\frac{1}{2}^{\circ}$ E., 191 lks. dist., mkd. 1/16 S 34 B T
Palo verde, 6 ins. in diam., hrs. S. $20\frac{1}{4}^{\circ}$ W., 257 lks. dist., mkd. 1/16 S 34 B T

80.00 The $\frac{1}{4}$ sec. cor. bet. secs. 33 and 34.

Land, level, rocky and gravelly.
Soil, 2nd rate.
Timber, scattered palo verde and ironwood.
Greasewood brush and cactus.

From the 1/16 sec. cor. No. 6 bet. secs. 33 and 34, N $\frac{1}{2}$,

I run

East on a random line through the N. $\frac{1}{4}$ of sec. 34.

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 the 1/16 sec. cor. No. 6 bet. secs. 34 and 35, N $\frac{1}{2}$.

Thence I run

N. $89^{\circ} 56'$ W. on a true line through the N. $\frac{1}{4}$ of sec. 34,

Over rocky land,

Through palo verde and ironwood trees, greasewood brush, and cactus.

5.00 Arroyo, 8 ft. deep, 20 lks. wide, course S.

17.00 Arroyo, 8 ft. deep, 20 lks. wide, course S.

20.00 get an iron post for 1/16 sec. cor. No. 5 in the center of the NE. $\frac{1}{4}$ of sec. 34, with brass cap stamped

No 5 in N.
1/16 S 34 in center
1911 in S.

Big 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

24.30 Dry wash, 30 lks. wide, course SE. Bordered by ironwood, pale verde, and cat claw.

40.00 get an iron post for 1/16 sec. cor. No. 4 bet. the NE. and NW. $\frac{1}{4}$ s of sec. 34, with brass cap stamped

No 4 in N.
1/16 S 34 in center
1911 in S.

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

56.50 Dry wash, 30 lks. wide, course S. Bordered by ironwood and pale verde trees.

60.00 Set an iron post for 1/16 sec. cor. No. 3 in the center of the NW. $\frac{1}{4}$ of sec. 34, with brass cap stamped

No 3 in N.
1/16 S 34 in center
1911 in S.

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

63.50 Dry wash, 30 lks. wide, course SE.

80.00 The 1/16 sec. cor. No. 6 bet. secs. 33 and 34, N $\frac{1}{4}$.

land, rocky.
Soil, 3rd rate.
Pale verde and ironwood along washes.
Greasewood brush and cactus.

- Feb. 3, 1911.

Feb. 4, 1911, at 8h., a.m., l.m.t., I set off 33° 33' N. on the latitude arc, 16° 23 $\frac{1}{2}$ ' S. on the decl. arc, and determine a meridian with the solar at the cor. of secs. 4, 5, 32 and 33, on the S. bdy. of T. 3 N., R. 5 E.

Thence I run

N. 0° 2' W. bet. secs. 32 and 33,

Over rolling land, fairly rough,

Through brush.

20.00 Set an iron post for 1/16 sec. cor. No. 12 bet. secs. 32 and 33, S $\frac{1}{2}$, with brass cap stamped

No 12 in N.
1/16 S 32 in W.
S 33 " E.
1911 " S.

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

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

40.00 get an iron post for $\frac{1}{4}$ sec. cor. bet. secs. 32 and 33, with brass cap stamped

Chains

$\frac{1}{4}$ S 32 in W.
 S 33 " E.
 1911 " S.

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

50.00 Dry wash, 50 lks. wide, course SW.

60.00 Set an iron post for $1/16$ sec. cor. No. 6 bet. secs. 32 and 33, N. $\frac{1}{4}$, with brass cap stamped

No 6 in N.
 $1/16$ S 32 in W.
 S 33 " E.
 1911 " S.

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

64.00 Dry wash, 50 lks. wide, course SW.

80.00 Intersect the N. bdy. of Salt River Indian Reservation.

Set an iron post for cor. of secs. 28, 29, 32 and 33, with brass cap stamped

T 3 N S 28 in NE. quadrant
 R 5 E S 33 " SE. "
 S 32 " SW. "
 S 29 " NW. "

S R I R 1911 in S.

1 notch on the S. and 4 on the E. edge.

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, no sign of old cor. was found.

Land, rough and rolling.

Soil, 3rd and 4th rate,

Pale verde and ironwood trees, very scattered.

Mesquite and greasewood brush.

East on a random line bet. secs. 28 and 33,

Along the N. bdy. of Salt River Indian Reservation.

20.00 Set temp. $1/16$ sec. cor. No. 2.

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

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

80.00 Fall 2 lks. N. of cor. of secs. 27, 28, 33 and 34.

Thence I run

N. $89^{\circ} 59'$ W. on a true line bet. secs. 28 and 33,

Along the N. bdy. of Salt River Indian Reservation,

Over level land,

Through brush.

20.00 Set an iron post for $1/16$ sec. cor. No. 1 bet. secs. 28

Chains

and 33, $\frac{1}{4}$, with brass cap stamped

No 1 $\frac{1}{16}$ S 28 in N.
S 33 S R I R 1911 in S.

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

After diligent search, no trace of old cor. was found.

40.00 Set an iron post for $\frac{1}{4}$ sec. cor. bet. secs. 28 and 33,
with brass cap stamped

$\frac{1}{4}$ S 28 in N.
S 33 " S.
1911 S R I R 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.

From this point, the old $\frac{1}{4}$ sec. cor., a post much decayed, brs. S., 3.00 chs. dist. I destroy all signs of this cor.

54.00 Dry wash, 20 lks. wide, course SW.

60.00 Set an iron post for $\frac{1}{16}$ sec. cor. No. 2 bet. secs. 28
and 33, $\frac{1}{4}$, with brass cap stamped

No 2 $\frac{1}{16}$ S 28 in N.
S 33 S R I R 1911 in S.

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

After diligent search, no sign of old cor. found.

80.00 The cor. of secs. 28, 29, 32 and 33.

Land, level.
Soil, 2nd rate.
Mesquite and greasewood brush.

From the $\frac{1}{16}$ sec. cor. No. 12, bet. secs. 32 and 33, $\frac{1}{4}$,
I run

East on a random line through the S. $\frac{1}{4}$ of sec. 33.

20.00 Set temp. $\frac{1}{16}$ sec. cor. No. 9.

40.00 Set temp. $\frac{1}{16}$ sec. cor. No. 10.

60.00 Set temp. $\frac{1}{16}$ sec. cor. No. 11.

80.00 Fall 10 lks. N. of $\frac{1}{16}$ sec. cor. No. 12 bet. secs. 33
and 34, $\frac{1}{4}$.

Thence I run

N. $89^{\circ} 56'$ W. on a true line through the S. $\frac{1}{4}$ of sec. 33

Over level land,

Through greasewood brush and cactus.

13.00 Dry wash, 20 lks. wide, course SW.

Chains

20.00 Point for $1/16$ sec. cor. No. 11 falls in dry wash, 20 lks. wide, course SW.

20.20 Set an iron post for W. C. to $1/16$ sec. cor. No. 11, in the center of the SE. $\frac{1}{4}$ of sec. 33, with brass cap stamped,

No 11 in N.
 $1/16$ S 33 in center
W C 1911 in S.

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

25.10 Dry wash, 10 lks. wide, course S. 30° W.

31.50 Dry wash, 10 lks. wide, course S. 30° 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. 33, with brass cap stamped

No 10 in N.
 $1/16$ S 33 in center
1911 in S.

Dig pits $18 \times 18 \times 12$ ins. E. and W. of post 3 ft. dist.; and raise mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ 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. 33, with brass cap stamped

No 9 in N.
 $1/16$ S 33 in center
1911 in S.

61.30 Dry wash, 10 lks. wide, course S. 10° W.

80.00 The $1/16$ sec. cor. No. 12, bet. secs. 32 and 33, S $\frac{1}{2}$.

land, flat.

Soil, 2nd rate.

Greasewood brush and catclaw. Giant and cholla cactus.

From the $\frac{1}{4}$ sec. cor. bet. secs. 32 and 33, I run

East on a random line through the middle of sec. 33.

20.00 Set temp. $1/16$ sec. cor. No. 8.

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

60.00 Set temp. $1/16$ sec. cor. No. 7.

80.00 Fall 10 lks. N. of the $\frac{1}{4}$ sec. cor. bet. secs. 33 and 34.

Thence I run

N. $89^\circ 56'$ W. on a true line through the middle of sec. 33

Over level land,

Through scattered palo verde and ironwood trees, greasewood brush and cactus.

Chains

- 20.00 set an iron post for $1/16$ sec. cor. No. 7 bet. the NE. and SE. $\frac{1}{4}$ s of sec. 33, with brass cap stamped
- No 7 in N.
 $1/16$ S 33 in center
1911 in S.
- Dig pits $18 \times 18 \times 12$ ins. E. and W. of post 3 ft. dist.; and raise mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, N. of cor.
- No B.T.'s available.
- 40.00 set an iron post for the C. $\frac{1}{4}$ sec. cor. of sec. 33, with brass cap stamped
- C $\frac{1}{4}$ S 33 in center
1911 in S.
- Dig pits $18 \times 18 \times 12$ ins. E., S. and W. 3 ft. and N. of post 7 ft. dist., and raise mound of earth 4 ft. base, 2 ft. high, N. of cor.
- No B.T.'s available.
- 60.00 set an iron post for $1/16$ sec. cor. No. 8 bet. the NW. and SW. $\frac{1}{4}$ s of sec. 33, with brass cap stamped
- No 8 in N.
 $1/16$ S 33 in center
1911 in S.
- Dig pits $18 \times 18 \times 12$ ins. E. and W. of post 3 ft. dist.; and raise mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, N. of cor.
- No B.T.'s available.
- 65.00 Dry wash, 20 lks. wide, course SW.
- 80.00 The $\frac{1}{4}$ sec. cor. bet. secs. 32 and 33.
- Land, flat.
Soil, 2nd rate.
Scattered palo verde and ironwood trees, - small.
Greasewood brush and cactus.
-
- From the $1/16$ sec. cor. No. 6 bet. secs. 32 and 33, N $\frac{1}{2}$,
I run
- East on a random line through the N. $\frac{1}{4}$ of sec. 33.
- 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 the $1/16$ sec. cor. No. 6 bet. secs. 33 and 34, N $\frac{1}{2}$.
- Thence I run
- N. $89^{\circ} 156'$ W. on a true line through the N. $\frac{1}{4}$ of sec. 33,
Over level land,

Chains

Through scattered pale verde and ironwood trees, greasewood brush and cactus.

20.00 Set an iron post for 1/16 sec. cor. No. 5 in the center of the NE. $\frac{1}{4}$ of sec. 33, with brass cap stamped

No 5 in N.
1/16 S 33 in center
1911 in S.

From which -

Pale verde, 12 ins. in diam., hrs. S. $3\frac{1}{2}^{\circ}$ E., 273 lks. dist., mkd. 1/16 S 33 B T

Pale verde, 12 ins. in diam., hrs. S. $3\frac{1}{2}^{\circ}$ W., 273 lks. dist., mkd. 1/16 S 33 B T

23.00 Dry wash, 20 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. 33, with brass cap stamped

No 4 in N.
1/16 S 33 in center
1911 in S.

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, N. of cor. No B.T.'s available.

60.00 Set an iron post for 1/16 sec. cor. No. 3 in the center of the NW. $\frac{1}{4}$ of sec. 33, with brass cap stamped

No 3 in N.
1/16 S 33 in center
1911 in S.

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

69.60 Dry wash, 20 lks. wide, course SW.

80.00 The 1/16 sec. cor. No. 6 bet. secs. 32 and 33, N $\frac{1}{4}$.

Land, flat.
Soil, 2nd rate.
Scattered pale verde and ironwood trees.
Greasewood brush and cactus.

Feb. 4, 1911, at the cor. of secs. 5, 6, 31 and 32, on the S. bdy. of T. 3 N., R. 6 E., previously described, I set off $16^{\circ} 21\frac{1}{2}'$ S. on the decl. arc, and at 12h. 14m. 3 sec., p.m., l.m.t., observe the sun on the meridian; the resulting latitude is $33^{\circ} 33'$ N., which is within 1' of the correct latitude.

Thence I run

N. $0^{\circ} 3'$ W. bet. secs. 31 and 32,

Over level land,

Through scattered mesquite and greasewood.

20.00 Set an iron post for 1/16 sec. cor. No. 12 bet. secs. 31

Chains

and 32, S $\frac{1}{2}$, with brass cap stamped

No 12 in N.
1/16 S 31 in W.
S 32 " E.
1911 " S.

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

40.00 Set an iron post for $\frac{1}{4}$ sec. cor. bet. secs. 31 and 32, with brass cap stamped

$\frac{1}{4}$ S 31 in W.
S 32 " E.
1911 " S.

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

60.00 Set an iron post for 1/16 sec. cor. No. 6 bet. secs. Nos. 31 and 32, N $\frac{1}{2}$, with brass cap stamped

No 6 in N.
1/16 S 31 in W.
S 32 " E.
1911 " S.

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

73.00 Dry wash, 20 lks. wide, course SW.

80.00 Intersect N. bdy. of Salt River Indian Reservation.

Set an iron post for cor. of secs. 29, 30, 31 and 32, with brass cap stamped

T 3 N S 29 in NE. quadrant
R 5 E S 32 " SE. "
S 31 " SW. "
S 30 " NW. "
S R I R 1911 in S.
1 notch on the S. and 5 on the E. edge.

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, I find no sign of old cor.

Land, flat.

Soil, 2nd rate.

Scattered palo verde and ironwood trees. None available for B.T.'s.

Greasewood brush.

East on a random line bet. secs. 29 and 32

Along the N. bdy. of Salt River Indian Reservation.

20.00 Set temp. 1/16 sec. cor. No. 2.

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

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

Chains

- 79.96 Fall 12 lks. N. of cor. of secs. 28, 29, 32 and 33.
Thence I run
N. 89° 55' W. on a true line bet. secs. 29 and 32,
Along the N. bdy. of Salt River Indian Reservation,
Over level land,
Through mesquite brush and greasewood.
- 19.99 Set an iron post for 1/16 sec. cor. No. 1 bet. secs. 29
and 32, $\frac{1}{2}$ E, with brass cap stamped
No 1 1/16 S 29 in N.
S 32 S R I R 1911 in S.
Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and
raise mound of earth 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, N. of cor.
After diligent search, I find no sign of old cor.
- 37.70 Dry wash, 20 lks. wide, course SW.
- 39.98 Set an iron post for $\frac{1}{4}$ sec. cor. bet. secs. 29 and 32,
with brass cap stamped
 $\frac{1}{4}$ S 29 in N.
S 32 " S.
S R I R 1911 " 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.
After diligent search, I find no sign of old $\frac{1}{4}$ cor.
- 59.97 Set an iron post for 1/16 sec. cor. No. 2 bet. secs. 29
and 32, $W\frac{1}{2}$, with brass cap stamped
No 2 1/16 S 29 in N.
S 32 S R I R 1911 in S.
Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and
raise mound of earth 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, N. of cor.
From this point, the old 1/16 sec. cor., a post much de-
cayed, brs. S. 2° E., 3.09 chs. dist. I destroy all
signs of this old cor.
- 79.96 The cor. of secs. 29, 30, 31 and 32.
Land, flat.
Soil, 2nd rate.
Brush, mesquite and greasewood.
-
- From the 1/16 sec. cor. No. 12, bet. secs. 31 and 32, $S\frac{1}{2}$.
I run
East on a random line through the S. $\frac{1}{2}$ of sec. 32.
- 20.00 Set temp. 1/16 sec. cor. No. 9.
- 40.00 Set temp. 1/16 sec. cor. No. 10.

Chains

- 60.00 Set temp. 1/16 sec. cor. No. 11.
- 80.04 Fall 14 lks. N. of 1/16 sec. cor. 12 bet. secs. 32 and 33, S $\frac{1}{2}$.
- Thence I run
N. 89° 54' W. on a true line
Through the S. $\frac{1}{4}$ of sec. 32
Over flat land,
Through scattered palo verde and ironwood trees, greasewood brush and cactus.
- 4.00 Dry wash, 25 lks. wide, course S. 40° W.
- 20.01 Set an iron post for 1/16 sec. cor. No. 11 in the center of the SE. $\frac{1}{4}$ of
of sec. 32, with brass cap stamped
^
No 11 in N.
1/16 S 32 in center
1911 in S.
- Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise mound of earth 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, N. of cor.
- 40.02 Set an iron post for 1/16sec. cor. No. 10 in the center of S $\frac{1}{2}$ of sec. 32, with brass cap stamped
No 10 in N.
1/16 S 32 in center
1911 in S.
- Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise mound of earth 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, N. of cor.
- 60.03 Set an iron post for 1/16 sec. cor. No. 9 in the center of the SW. $\frac{1}{4}$ of sec. 32, with brass cap stamped
No 9 in N.
1/16 S 32 in center
1911 in S.
- Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise mound of earth 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, N. of cor.
- 71.25 Dry wash, 20 lks. wide, course S. 20° W.
Thick timber and brush along border of wash.
- 80.04 The 1/16 sec. cor. No. 12 bet. secs. 31 and 32, S $\frac{1}{2}$.
Land, flat.
Soil, 2nd rate.
Scattered palo verde and ironwood trees. None available for B.T.'s.
Greasewood brush and cactus.

- February 4, 1911.

February 6, 1911, at 9h., a.m., l.m.t., I set off 33° 33' N. on the latitude arc, 15° 47' S. on the declination

Chains

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are, and determine a meridian with the solar at the $\frac{1}{4}$ sec. cor. bet. secs. 31 and 32.

Thence I run

East on a random line through the middle of sec. 32.

20.00 Set temp. $1/16$ sec. cor. No. 8.

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

60.00 Set temp. $1/16$ sec. cor. No. 7.

80.00 Fall 10 lks. N. of $\frac{1}{4}$ sec. cor. bet. secs. 32 and 33.

Thence I run

N. $89^{\circ} 56'$ W. on a true line through the middle of sec. 32

Over flat land,

Through greasewood brush.

20.00 Set an iron post for $1/16$ sec. cor. No. 7 bet. the NE. and SE. $\frac{1}{8}$ of sec. 32, with brass cap stamped

No 7 in N.
 $1/16$ S 32 in center
 1911 in S.

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

36.00 Dry wash, 30 lks. wide, course S. 30° W.

40.00 Set an iron post for C. $\frac{1}{4}$ sec. cor. of sec. 32, with brass cap stamped

C $\frac{1}{4}$ S 32 in center
 1911 in S.

Dig pits $18 \times 18 \times 12$ ins. E., S. and W. 3 ft. and N. of post 7 ft. dist., and raise mound of earth 4 ft. base, 2 ft. high, N. of cor.

60.00 Set an iron post for $1/16$ sec. cor. No. 8 bet. the NW. and SW. $\frac{1}{8}$ of sec. 32, with brass cap stamped

No 8 in N.
 $1/16$ S 32 in center
 1911 in S.

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

68.00 Dry wash, 15 lks. wide, course SW.

72.00 Dry wash, 20 lks. wide, course SW.

80.00 The $\frac{1}{4}$ sec. cor. bet. secs. 31 and 32.

Land, flat.
 Soil, 2nd rate.
 Greasewood and mesquite brush.

From the $1/16$ sec. cor. No. 6 bet. secs. 31 and 32, N $\frac{1}{4}$,

Chains

I run

East on a random line through the N. $\frac{1}{4}$ of sec. 32.

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 14 lks. N. of the 1/16 sec. cor. No. 6 bet. secs. 32
and 33, N $\frac{1}{4}$.

Thence I run

N. 89° 54' W. on a true line through the N. $\frac{1}{4}$ of sec. 32,

Over level land,

Through greasewood brush.

20.00 Set an iron post for 1/16 sec. cor. No. 5 in the center
of the NE. $\frac{1}{4}$ of sec. 32, with brass cap stampedNo 5 in N.
1/16 S 32 in Center
1911 in S.Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and
raise mound of earth 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, N. of cor.

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

40.00 Set an iron post for 1/16 sec. cor. No. 4 bet. the NE. and
NW. $\frac{1}{4}$ s of sec. 32, with brass cap stampedNo 4 in N.
1/16 S 32 in center
1911 in S.Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and
raise mound of earth 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, N. of cor.

44.00 Dry wash, 8 lks. wide, course SW.

60.00 Set an iron post for 1/16 sec. cor. No. 3 in the center
of the NW. $\frac{1}{4}$ of sec. 32, with brasscap stampedNo 3 in N.
1/16 S 32 in center
1911 in S.Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and
raise mound of earth 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, N. of cor.

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

Mesquite along wash.

80.00 The 1/16 sec. cor. No. 6, bet. secs. 31 and 32, N $\frac{1}{4}$.

Land, flat.

Soil, 2nd rate.

Mesquite along course of wash.

Greasewood brush.

Feb. 6, 1911: Cloudy at noon; no observation for latitude.

Chains

From the cor. of secs. 29, 30, 31 and 32, I run

West on a true line bet. secs. 30 and 31,
Along the N. bdy. of Salt River Indian Reservation,

Over level land, through brush.

20.00 Set an iron post for $1/16$ sec. cor. No. 1 bet. secs. 30
and 31, $8\frac{1}{2}$, with brass cap stamped

No 1 $1/16$ S 30 in N.
S 31 S-R I R 1911 in S.

Dig pits $18 \times 18 \times 12$ ins. N. 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.

After diligent search, find no trace of old cor.

40.00 Set an iron post for $\frac{1}{4}$ sec. cor. bet. secs. 30 and 31,
with brass cap stamped

$\frac{1}{4}$ S 30 in N.
1911 S 31 S R I R in S.

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

From this point, the old $\frac{1}{4}$ sec. cor., a stake, brs. South,
3.05 chs. dist. I destroy all trace of this cor.

60.00 Set an iron post for $1/16$ sec. cor. No. 2 bet. secs. 30
and 31, $W\frac{1}{2}$, with brass cap stamped

No 2 $1/16$ S 30 in N.
S 31 S R I R 1911 in S.

After diligent search, find no trace of old cor.

80.00 The line bet. ranges 4 and 5 E. not being run N. of the
cor. of secs. 25 and 36, T. 3 N., R. 4 E., at this
point I set stake for temp. cor. Later in the day, the
range line is run North, and at this point, which is
3.10 chs. N. from the cor. of secs. 25 and 36, T. 3 N.,
R. 4 E., I set an iron post $3\frac{1}{2}$ ins. in diam., for
C.C. of secs. 30 and 31, T. 3 N., R. 5 E., and which
defines the NW. cor. of Salt River Indian Reservation,
with brass cap stamped

C C S R I R in SE.
T 3 N S 30 in NE. quadrant
R 5 E S 31 " SE. "
1911 in S.
1 notch on the S. and 5 on the N. edge.

Dig pits $24 \times 18 \times 12$ ins, crosswise on each line N. and S.
3 ft., and E. of post 7 ft. dist.; and raise mound of
earth 4 ft. base, 2 ft. high, E. of cor.

Land, level. Soil, 2nd rate.
Greasewood brush.

From the $1/16$ sec. cor. No. 12 bet. secs. 31 and 32, $8\frac{1}{2}$,

I run

West on a random line through the S. $\frac{1}{4}$ of sec. 31.

Chains

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

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

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

80.24 Fall 14 lks. S. of 1/16 sec. cor. No. 12 on the W. bdy. of sec. 31, S $\frac{1}{2}$, previously described.

Thence I run

S. 89° 54' E. on a true line through the S. $\frac{1}{4}$ of sec. 31,

Over flat land,

Through greasewood and mesquite brush.

20.24 Set an iron post for 1/16 sec. cor. No. 9 in the center of the SW. $\frac{1}{4}$ of sec. 31, with brass cap stamped

No 9 in N.
1/16 S 31 in center
1911 in S.

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

40.24 Set an iron post for 1/16 sec. cor. No. 10 bet. the SE. and SW. $\frac{1}{4}$ s of sec. 31, with brass cap stamped

No 10 in N.
1/16 S 31 in center
1911 in S.

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

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

60.24 Set an iron post for 1/16 sec. cor. No. 11 in the center of the SE. $\frac{1}{4}$ of sec. 31, with brass cap stamped

No 11 in N.
1/16 S 31 in center
1911 in S.

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

80.24 The 1/16 sec. cor. No. 12 bet. secs. 31 and 32, S $\frac{1}{2}$.

Land, flat.
Soil, 2nd rate.
Greasewood and mesquite brush.

From the $\frac{1}{4}$ sec. cr. bet. secs. 31 and 32, I run

West on a random line through the middle of sec. 31.

20.00 Set temp. 1/16 sec. cor. No. 7.

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

60.00 Set temp. 1/16 sec. cor. No. 8.

Chains

- 80.20 Fall 21 lks. S. of the $\frac{1}{4}$ sec. cor. on the W. bdy. of sec. 31, previously described.
- Thence I run
S. 89° 51' E. on a true line through the middle of sec. 31,
Over flat land,
Through greasewood brush.
- 20.20 Set an iron post for $\frac{1}{16}$ sec. cor. No. 8 bet. the NW. and SW. $\frac{1}{4}$ s of sec. 31, with brass cap stamped
- No 8 in N.
 $\frac{1}{16}$ S 31 in center
1911 in S.
- Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, N. of cor.
- 40.20 Set an iron post for C. $\frac{1}{4}$ sec. cor. of sec. 31, with brass cap stamped
- C $\frac{1}{4}$ S 31 in center
1911 in S.
- Dig pits 18x18x12 ins. E., S. and W. 3 ft. and N. of post 7 ft. dist.; and raise mound of earth 4 ft. base, 2 ft. high, N. of cor.
- 59.00 Dry wash, 10 lks. wide, course S.
- 60.20 Set an iron post for $\frac{1}{16}$ sec. cor. No. 7 bet. the NE. and SE. $\frac{1}{4}$ s of sec. 31, with brass cap stamped
- No 7 in N.
 $\frac{1}{16}$ S 31 in center
1911 in S.
- Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, N. of cor.
- 80.20 The $\frac{1}{4}$ sec. cor. bet. secs. 31 and 32.
- Land, level.
Soil, 2nd rate.
Greasewood brush.
-
- From the $\frac{1}{16}$ sec. cor. No. 6 bet. secs. 31 and 32, N $\frac{1}{2}$.
I run
West on a random line through the N. $\frac{1}{4}$ of sec. 31.
- 20.00 Set temp. $\frac{1}{16}$ sec. cor. No. 5.
- 40.00 Set temp. $\frac{1}{16}$ sec. cor. No. 4.
- 60.00 Set temp. $\frac{1}{16}$ sec. cor. No. 3.
- 80.10 Fall 6 lks. S. of the $\frac{1}{16}$ sec. cor. No. 6 on the W. bdy. of sec. 31, N $\frac{1}{2}$, previously described.

Chains

Thence I run

S. 89° 57' E. on a true line through the N. $\frac{1}{4}$ of sec. 31

Over level land,

Through greasewood brush.

20.10 Set an iron post for $\frac{1}{16}$ sec. cor. No. 3 in the center of the NW. $\frac{1}{4}$ of sec. 31, with brass cap stamped

No 3 in N.
1/16 S 31 in center
1911 in S.

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

35.00 Dry wash, 15 lks. wide, course S.

40.10 Set an iron post for $\frac{1}{16}$ sec. cor. No. 4 bet. the NE. and NW. $\frac{1}{4}$ s of sec. 31, with brass cap stamped

No 4 in N.
1/16 S 31 in center
1911 in S.

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

60.10 Set an iron post for $\frac{1}{16}$ sec. cor. No. 5 in the center of the NE. $\frac{1}{4}$ of sec. 31, with brass cap stamped

No 5 in N.
1/16 S 31 in center
1911 in S.

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

80.10 The $\frac{1}{16}$ sec. cor. No. 6 bet. secs. 31 and 32, N $\frac{1}{4}$.

Land, level.
Soil, 2nd rate.
Greasewood brush.

- February 6, 1911.

Diligent search was made in this tp. for old corners, but only a few were found; these were destroyed, as stated in foregoing notes. Bearing trees were used as witness objects, wherever available.

GENERAL DESCRIPTION.

This township lies at the foot of McDowell Mountains. The whole of sec. 36, and the E. half of sec. 35, are cut by arroyos and dry washes from the foot hills. These arroyos and washes gradually spread out on the flat to the South.

Sec. 36 and the E. half of sec. 35 are covered with scattered palo verde and ironwood trees, and cactus. The soil is stony and of little value.

The remaining $4\frac{1}{2}$ sections are level, and covered with greasewood brush. Soil, generally second rate.

There is no water in this part township. The Western portion extends into Paradise valley, where water is struck at about 100 ft.

Robert A. Farmer,

Topographer and U. S. Surveyor.

CERTIFICATE OF ASSISTANTS.

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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 (including the old Camp McDowell Reservation), ~~xxxx~~ subdivision T. 3 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.	
<u>Lee C. Daves</u>	<u>Dec. 5, 1910,</u>	<u>Mar. 29, 1911,</u>	<u>Instrumentman.</u>
<u>H. W. Van Noate,</u>	<u>do.</u>	<u>do.</u>	<u>Chainman.</u>
<u>Fred'k G. Miller,</u>	<u>do.</u>	<u>do.</u>	<u>do.</u>
<u>Robert Blower,</u>	<u>do.</u>	<u>do.</u>	<u>Moundman</u>
<u>Geo. Lang,</u>	<u>Dec. 20, 1910,</u>	<u>do.</u>	<u>do.</u>
<u>W. G. Thompson,</u>	<u>Dec. 5, 1910,</u>	<u>do.</u>	<u>Flagman.</u>

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

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

FINAL OATH OF UNITED STATES SURVEYOR.

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BOOK 2391

I, **Robert A. Farmer, Topographer**, ^{G.L.O.} U. S. Surveyor, do solemnly swear that, in pursuance of special instructions received from the ^{Commissioner of the} ~~U. S. Surveyor General for~~ **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 ^{surveyed} ~~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.

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

Salt River -
super-
was
in me,
S. and

Subscribed by said Robert A. Farmer, and sworn to before me }
this 15th day of May, 1911.



Frank S. Ingalls,
Surveyor-General of Arizona.

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. 3 N., R. 9 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 Indian Res'n, Arizona, has been correctly copied from the original notes on file in this office.

Fred Dennett

U. S. Surveyor General.

Commissioner of the General Land Office.

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Washington, D. C., July 15

I hereby certify that the survey of subdivision lines of the
Gila Indian Reservation, Arizona, was made under my direction and
supervision, and to the best of my knowledge and belief the field work
executed in strict accordance with the special instructions given
dated October 11, 1910, and the Manual of Surveying Instructions
that these field notes are a correct representation thereof.

A. F. Drumming
Topographer in Charge.

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