

FIELD NOTES

OF ~~THE~~ ~~EXTENSION~~ ~~SURVEY~~ ~~AND~~

INDEPENDENT RESURVEY OF

Subdivision Lines

in

TOWNSHIP 5 SOUTH RANGE 7 EAST

Within the Gila River Indian Reservation

Of the Gila & Salt River Base and Meridian,

In the State of Arizona

EXECUTED BY

Guy P. Harrington

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

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

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

~~Office~~, 191-, pursuant to authority contained in the ~~Act of~~

~~Congress dated~~, 191-

Survey commenced - March 15 - April 19, 191 1

Survey completed - January 4 - January 5, 191 2

ECCX 3476

INDEX DIAGRAM.

Township 5 South, Range 7 East

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

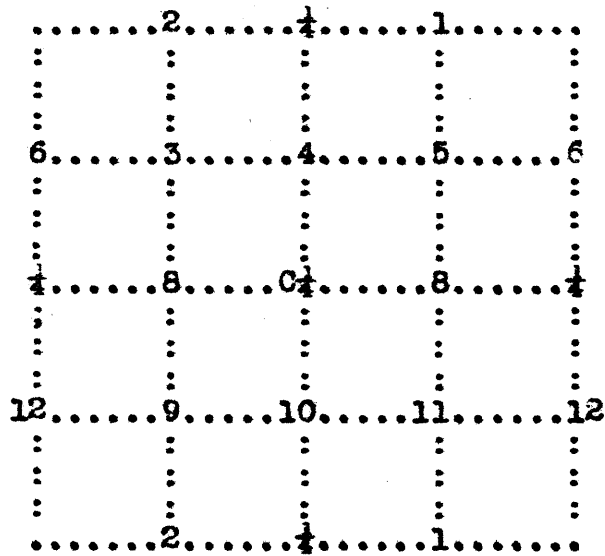
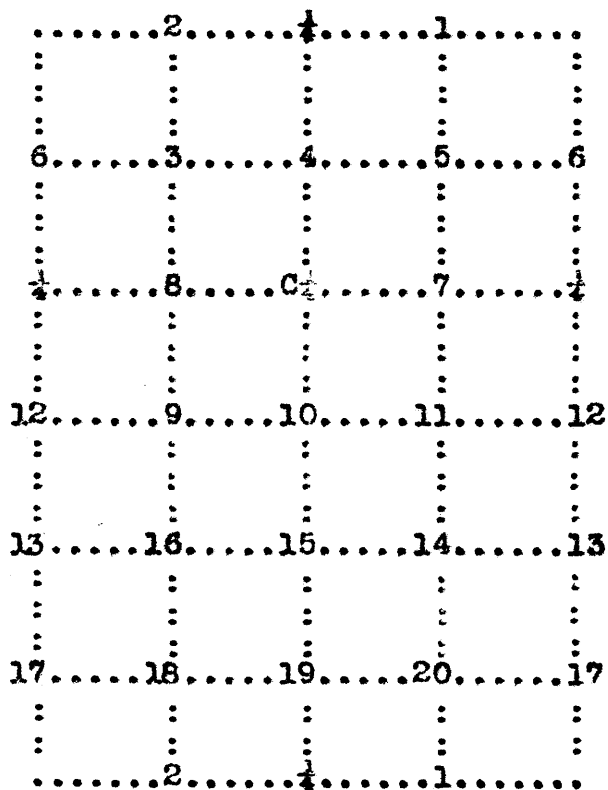


Diagram showing the position of 1/16 sec.
cors. in secs. 9, 10 and 11 of this town-
ship.



Subdivision of T. 5 S., R. 7 E.

Chains

Survey commenced March 15, 1911, by Guy P. Harrington, U. S. Surveyor, and executed with Young & Sons light mountain transits Nos. 8388 and 8501, with solar attachments. The horizontal limbs are 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.

These instruments were examined and tested on a meridian at Phoenix, Arizona, on December 1, 1910; and later, at various times on meridians established at camp from observations of Polaris, and found to be in correct adjustment (See notes of Polaris observation, in notes of survey of subd'n of T. 4 S., R. 6 E., January 5, 1911).

The iron posts used in the survey were 3 feet long, filled with cement, fitted with brass caps. They were set 26 ins. in the ground. Those at the tp. cors. were 3 ins. in diam., and those at other cors., 1 inch in diam.

The NW. cor. of this township is in
Lat. 33° 02' N., Long. 111° 41' W.

March 15, 1911. -

The old cor. of secs. 11, 12, 13 and 14 (found in running random line along the S. bdy. of T. 5 S., R. 7 E., this date, is a mesquite post 4 ins. sq., 2 ft. above ground, marked with 4 notches on the S. and 1 on the E. edge, other markings being illegible, and witnessed by pits and mound of earth.

This being an angle point on the Res'n bdy., I remove and destroy this old post, and in its place set an iron post 3 ins. in diam., for cor. of secs. 11, 12, 13 and 14, with brass cap stamped

T 5 S S 12 in NE.
P L R 7 E S 13 " SE.
S 14 " SW.
S 11 G R I R " NW.

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

Thence I run

N. on a random line bet. secs. 11 and 12, along Res'n bdy.

40.40 Intersect the old $\frac{1}{4}$ -sec. cor. bet. secs. 11 and 12, which is a mesquite post 4 ins. sq., 1 ft. above ground, mkd. $\frac{1}{4}$ S 11 on W. No evidence of pits or mound.

Returning to the cor. of secs. 11, 12, 13 and 14, thence

I run

N. on a true line bet. secs. 11 and 12, along Res'n bdy.

Over level land, through dense mesquite brush.

20.20 Set temp. stake at true point for $\frac{1}{16}$ sec. cor. No. 12 for sec. 12.

40.40 Old $\frac{1}{4}$ -sec. cor. bet. secs. 11 and 12, above described.

This cor will now refer to sec. 12 only
Thence I run

N. on a random line bet. secs. 11 and 12, along Res'n bdy.

40.00 No trace of old cor. of secs. 1, 2, 11 and 12.

Subdivision of T. 5 S., R. 7 E.

2

| Chains | |
|--------|---|
| | Set temp. cor. |
| | Thence I run |
| | N. on a random line bet. secs. 1 and 2. |
| 40.00 | No trace of old $\frac{1}{4}$ -sec. cor. bet. secs. 1 and 2. |
| | Set temp. cor. |
| 112.44 | Intersect the C. C. of secs. 1 and 2 on the N. bdy. of the tp., which is a mesquite post 4 ins. sq., $1\frac{1}{2}$ ft. above ground, mkd. with 1 notch on the E. and 5 notches on the W. edge; other marks illegible. |
| | Returning to the old $\frac{1}{4}$ -sec. cor. bet. secs. 11 and 12, thence I run |
| | North on a true line bet. secs. 11 and 12, along Res'n bdy., |
| | Over level land, through dense mesquite brush. |
| 19.91 | Set an iron post for $\frac{1}{16}$ sec. cor. No. 6 for sec. 12, N $\frac{1}{2}$, with brass cap stamped |
| | <p style="margin-left: 40px;"> $\frac{1}{16}$ S 12 No 6 in E. 1911 in S. P L in SE. </p> |
| | 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, E. of cor. |
| | This cor. is an angle point on Res'n bdy. |
| 39.82 | Set an iron post for cor. of secs. 1 and 12 only, with brass cap stamped |
| | <p style="margin-left: 40px;"> T 5 S S 1 in NE. R 7 E S 12 " SE. 1911 in S. 1 notch in the N. and 5 on the S. edge. </p> |
| | Dig pits 24x24x12 ins. in each sec. 6 ft. dist., and raise mound of earth 4 ft. base, 2 ft. high, E. of cor. |
| | Land, level. |
| | Soil, sandy loam, 1st rate. |
| | Dense brush of sage, mesquite, and chaparral, full dist. |
| ----- | |
| | North on a true line along the W. bdy. of sec. 1. |
| | Over level land, through dense mesquite brush. |
| 6.00 | Well traveled road, brs. N. 60° E. and S. 60° W. |
| 19.91 | Set an iron post for $\frac{1}{16}$ sec. cor. on the W. bdy. of the SW $\frac{1}{4}$ of sec. 1, with cap stamped |
| | <p style="margin-left: 40px;"> $\frac{1}{16}$ S 1 in E. 1911 in S. </p> |
| | 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, E. of cor. |
| 39.82 | Set an iron post for $\frac{1}{4}$ -sec. cor. on the W. bdy. of sec. 1 only, with cap stamped |
| | <p style="margin-left: 40px;"> $\frac{1}{4}$ S 1 in E. 1911 in S. </p> |

Chains

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

59.73 Set an iron post for 1/16 sec. cor. on the W. bdy. of the NW¼ of sec. 1, with cap stamped

1/16 S 1 in E.
1911 in S.

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

70.00 Dim road, brs. N. 30° E. and S. 30° W.

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

79.64 Set an iron post for 1/16 sec. cor. on the W. bdy. of the NW¼ of sec. 1, with cap stamped

G R I R in W.
1/16 S 1 in E.
1911 in S.
P L in NE.

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

This cor. falls at SW. cor. of patented land.

110.00 Well traveled road, brs. N. 30° E. and S. 30° W.

112.62 The closing cor. of sec. 1, only, at the NW. cor. of patented land.

I replace the old post with an iron post, with cap stamped

G R I R in NW.
T 5 S R 7 E S 1 in SE.
C C 1913 in S.
P L in SE.

- March 15, 1911, and Jan. 4, 1912.

NOTE:

This line, bet. the cor. of secs. 11, 12, 13 and 14, and the C. C. of sec. 1, was originally run on March 15, 1911; and was rerun on January 4, 1912, in accordance with Executive Order dated July 31, 1911. The above notes comprise the results of both runnings of the line. On the line run March 15, 1911, temporary stakes were established to determine positions of cors. for subdivisions of secs. 2 and 11, from the West. The Executive Order of July 31 changed bdy. of Res'n.

January 4, 1912. -

From the cor. common to secs. 1 and 12, I run

N. 89° 50' E. on a random line bet. secs. 1 and 12.

20.00 Set temp. 1/16 sec. cor.

40.04 Intersect the ¼-sec. cor. bet. secs. 1 and 12, hereinafter described, on page 10½ of these field notes.

Thence I run

S. 89° 50' W. on a true line bet. secs. 1 and 12, W¼,

Subdivision of T. 5 S., R. 7 E.

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Chains

Over nearly level land,
Through scattered brush.

20.02 Set an iron post for 1/16 sec. cor. bet. secs. 1 and 12,
W $\frac{1}{2}$, with cap stamped

1/16 S 1 in N.
S 12 1912 " 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.

30.65 Road, brs. N. and S.

40.04 The cor. of secs. 1 and 12.

Land, level, irrigable.
Soil, sandy loam, 1st rate.
Scattered and dense brush of mesquite, greasewood, and
sage.

Returning to the $\frac{1}{4}$ -sec. cor. bet. secs. 1 and 12, thence
I run

S. 89° 50' E. on a random line bet. secs. 1 and 12, E $\frac{1}{2}$,
setting temp. cors. at intervals of 20 chs.

76.53 Fall 2 lks. N. of the cor. common to secs. 1 and 12, on
E. bdy. of the tp., which cor. is an angle point on
the Res'n bdy.

The survey made in 1892 of this line reports this distance
as 77.00 chs. Sec. 1 has been so subdivided by me that
it will be necessary to compute new lot areas on the
East. In my survey of last March, which comprised the
NE $\frac{1}{4}$ of sec. 1, I carried out the plan of computing new
lot areas along the east side of sec. 1. In my present
survey I had intended to resurvey all of sec. 1, and
change the cors. in the NE $\frac{1}{4}$ to conform to the plat ap-
proved in 1892. I found, however, that several Indians
have built fences to conform to my survey of the NE $\frac{1}{4}$
made last March. I consider that it would not be a just
act to change these corners. All of sec. 12 not contain-
ed in the Executive Order of July 31, 1911, has been
filed on by settlers under the homestead laws. It is
therefore necessary in subdividing sec. 12 to conform
to the plat approved in 1892. This condition necessi-
tates the establishment of a double set of cors. bet.
secs. 1 and 12, one set for sec. 1, the other set for
sec. 12.

From the cor. common to secs. 1 and 12 on the E. bdy. of
the tp., I run

N. 89° 49' W. on a true line bet. secs. 1 and 12,

Over nearly level land, along Resn! bdy.,
Through scattered brush.

2.30 Road, brs. N. and S.

16.53 Set an iron post for 1/16 sec. cor. on S. bdy. of the SE $\frac{1}{4}$
of sec. 1, with cap stamped

G R I R 1/16 S 1 in N.
P L 1912 in S.

Chains

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

16.89 Set an iron post for 1/16 sec. cor. on the N. bdy. of the NE¼ of sec. 12, with cap stamped

1/16 S 12 in SW.
G R I R " NW.
1912 in S.
P L in SE.

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

This cor. is an angle point on Res'n bdy.

36.53 Set an iron post for 1/16 sec. cor. on the S. bdy. of the SE¼ of sec. 1, with cap stamped

1/16 S 1 in N.
1912 in S.

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

36.77 Set an iron post for 1/16 sec. cor. on the N. bdy. of the NE¼ of sec. 12, with cap stamped

1/16 S 12 1912 in S.

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

44.00 Road, brs. N. and S.

56.53 Set an iron post for 1/16 sec. cor. on the S. bdy. of the SE¼ of sec. 1, with cap stamped

1/16 S 1 in N.
1912 in S.

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

56.65 Set an iron post for 1/16 sec. cor. on the N. bdy. of the NE¼ of sec. 12, with cap stamped

1/16 S 12 1912 in S.

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

76.53 The ¼-sec. cor. bet. secs. 1 and 12, W. of and alongside which I set an iron post with cap stamped

¼ S 1 in N.
S 12 W C 1912 in S.

Land, level, irrigable.

Soil, sandy loam, 1st rate.

Dense and scattered brush of sage, mesquite, and greasewood.

- Jan. 4, 1912.

NOTE:

Numbers were not stamped on any of the 1/16 sec. cors. in secs. 1 and 12, since they are so irregular that numbers would only cause confusion. I efface the markings G R I R on all cors. on the former Res'n bdy. except those which bound patented land.

Chains

Jan. 5, 1912, at 9h., a.m., l.m.t., I set off $33^{\circ} 0' N.$ on the lat. arc, $22^{\circ} 41' S.$ on the decl. arc, and determine a meridian with the solar at the $\frac{1}{4}$ -sec. cor. bet. secs. 1 and 12.

Thence I run

South on a random line through sec. 12,

Setting temp. cors. at intervals of 20 chs.

80.16 Fall 2 lks. W. of the $\frac{1}{4}$ -sec. cor. bet. secs. 12 and 13, which is a decayed mesquite post 3 ins. sq., 1 ft. above ground, marked $\frac{1}{4}$ on N. face.

(Move temp. C. $\frac{1}{4}$ -sec. cor. 1 lk. E.)

From the $\frac{1}{4}$ -sec. cor. on the W. bdy. of sec. 12, I run $S. 89^{\circ} 48' E.$ on a random line through middle of sec. 12.

20.00 Set temp. $1/16$ sec. cor.

40.00 Fall 8 lks. S. of temp. C. $\frac{1}{4}$ -sec. cor.

60.00 Set temp. $1/16$ sec. cor.

116.90 Intersect temp. stake at true point for $\frac{1}{4}$ -sec. cor. of sec. 12, on E. bdy. of tp.

The reported length of this line is 117.24 chs.

(Point for C. $\frac{1}{4}$ -sec. cor. is therefore 8 lks. $N. 0^{\circ} 1' W.$ of temp. point.)

Thence I run

$N. 89^{\circ} 48' W.$ on a true line through middle of sec. 12,

On a blank line, over public lands.

At proportional dist.
37.08 Set an iron post for $1/16$ sec. cor. of sec. 12, with cap stamped

P L in E.
 $1/16 S 12 G R I R$ in W.
1912 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.

This post. is a point on Res'n bdy.

Thence over Indian lands, through mesquite and greasewood brush.

56.99 Set an iron post for $1/16$ sec. cor. of sec. 12, with cap stamped

$1/16 S 12$ in N.
1912 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.

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

C $\frac{1}{4}$ S 12 G R I R in NE.
1912 in S.
P L in SW.

Subdivision of T. 5 S., R. 7 E.

Chains

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

This cor. is an angle point on the Res'n bdy.

Thence along S. bdy. of Gila River Indian Res'n.

96.90 Set an iron post for 1/16 sec. cor. of sec. 12, with cap stamped

P L in SW.

1/16 S 12 G R I R in NE.

1912 in S.

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

This cor. is an angle point on Res'n bdy.

Thence over public land.

116.90 The 1/4-sec. cor. on the W. bdy. of sec. 12.

Land, level, irrigable.

Soil, sandy loam, 1st rate.

Scattered mesquite and dense greasewood brush.

Returning to the 1/4-sec. cor. bet. secs. 1 and 12, thence I run

S. 0° 1' E. on a true line through the middle of sec. 12,

Over level land, through mesquite and greasewood brush.

20.04 Set an iron post for 1/16 sec. cor. of sec. 12, with cap stamped

1/16 S 12 in N.

1912 in S.

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

40.08 The C. 1/4-sec. cor. of sec. 12, which is an angle point on the Res'n bdy.

Thence along res'n bdy.

56.00 Wire fence, brs. N. 80° W: and S. 80° E.

Enter cultivated field.

60.12 Set an iron post for 1/16 sec. cor. of sec. 12, with cap stamped

P L in SW.

1/16 S 12 G R I R in NE.

1912 in S.

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

This cor. is an angle point on res'n bdy.

Thence over public land.

80.16 The 1/4-sec. cor. bet. secs. 12 and 13.

Chains

Land, level, irrigable. 4.12 chs. on Res'n cultivated.
Soil, sandy loam, 1st rate.
Scattered brush of mesquite and greasewood.

The 1/16 sec. cor. on the W. bdy. of the NW $\frac{1}{4}$ of sec. 12
is now an angle point on Res'n bdy. I mark the post
additionally on the cap

G R I R in NW.

Thence I run

S. 89° 50' E. on a random line, along the Res'n bdy.

20.00 Set temp. 1/16 sec. cor. and angle point on Res'n bdy.

Continue random line S. 89° 50' E. over Indian lands.

40.00 Intersect 1/16 sec. cor. which is 20.04 chs. S. 0° 1' E.
of the $\frac{1}{4}$ -sec. cor. bet. secs. 1 and 12.

Thence I run

N. 89° 50' W. on a true line through NW $\frac{1}{4}$ of sec. 12,

Over level land, through brush of mesquite, sage, and
greasewood.

3.85 Road, brs. N. and S.

20.00 Set an iron post for 1/16 sec. cor. in the center of the
NW $\frac{1}{4}$ of sec. 12, with cap stamped

1/16 S 12 G R I R in N.

1912 in S.

P L in SW.

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

This cor. is an angle point on the Res'n bdy.

Thence along Res'n bdy.

40.00 The 1/16 sec. cor. on the W. bdy. of the NW $\frac{1}{4}$ of sec. 12.

Land, level, irrigable.
Soil, sandy loam, 1st rate.
Dense brush of mesquite, sage, and greasewood.

Jan. 5, 1912, at the $\frac{1}{4}$ -sec. cor. on the E. bdy. of sec.
12, I set off 22° 41' S. on the decl. arc, and at 12h.
5m. 5s., p.m., l.m.t., observe the sun on the meridian;
the resulting latitude is 33° 0' N., the proper lati-
tude.

From the 1/16 sec. cor. of sec. 12 which is 20.04 chs.
S. 0° 1' E. of the $\frac{1}{4}$ -sec. cor. bet. secs. 1 and 12, I
run

S. 89° 50' E. on a random line through the N $\frac{1}{2}$ of sec. 12,
setting temp. cors. at intervals of 20 chs.

76.80 Intersect temp. stake at true point for 1/16 sec. cor.
on the E. bdy. of the tp., for N $\frac{1}{2}$ of sec. 12.

Chains

Thence I run

N. 89° 50' W. on a true line through the N $\frac{1}{2}$ of sec. 12

(The reported distance of this line on plat approved in 1892 is 77.12 chs.)

Over level (public) land, through scattered brush.

4.00 Road, brs. N. and S.

At proportional dist.
17.04 ^ Set an iron post for 1/16 sec. cor. of sec. 12, with cap stamped

PL in SE.
1/16 S 12 G R I R in NW.
1912 in S.

Dig pits 18x18x12 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, NW. of cor.

This cor. is an angle point on the Res'n bdy.

Thence along Res'n bdy.

30.35 Road, brs. N. and S.

36.96 Set an iron post for 1/16 sec. cor. of sec. 12, with cap stamped

PL in SE.
1/16 S 12 G R I R in NW.
1912 in S.

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

This cor. is an angle point on Res'n bdy.

Thence over Indian lands.

56.88 Set an iron post for 1/16 sec. cor. of sec. 12, with cap stamped

1/16 S 12 in N.
1912 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.

76.80 The 1/16 sec. cor. on N. and S. center line, 20.04 chs. S. 0° 1' E. of the $\frac{1}{4}$ -sec. cor. bet. secs. 1 and 12.

Land, level, irrigable.
Soil, sandy loam, 1st rate.
Brush of mesquite and greasewood.

From the 1/16 sec. cor. on N. and S. center line, 60.12 chs. S. 0° 1' E. of the $\frac{1}{4}$ -sec. cor. bet. secs. 1 and 12, I run

S. 89° 50' E. on a random line through S $\frac{1}{2}$ of sec. 12.

20.00 Set temp. 1/16 sec. cor.

40.00 Set temp. 1/16 sec. cor.

77.20 Intersect temp. stake at true point for 1/16 sec. cor. on E. bdy. of SE $\frac{1}{4}$ of sec. 12, on E. bdy. of tp.

Subdivision of T. 5 S., R. 7 E.

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| Chains | |
|--------|---|
| | <p>(The reported length of this line on plat approved in 1892 is 77.36 chs.)</p> <p>Thence I run N. 89° 50' W. on a true (blank) line, Over level (public) land.</p> |
| 37.28 | <p>Set an iron post for 1/16 sec. cor. of sec. 12, with cap stamped 1/16 S 12 G R I R in NW. 1912 in S. P L in SE. Dig pits 18x18x12 ins. N. and W. of post 3 ft. dist.; and raise mound of earth 3½ ft. base, 1½ ft. high, NW. of cor. This cor. is an angle point on res'n bdy. Thence along S. bdy. of the res'n, over level land.</p> |
| 38.03 | <p>Wire fence, brs. N. and S. Fence cor., 50 lks. N., where fence turns and runs W., parallel to line. Enter cleared land.</p> |
| 57.24 | <p>Set an iron post for 1/16 sec. cor. of sec. 12, with cap stamped 1/16 S 12 G R I R in N. P L 1912 in S. Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise mound of earth 3½ ft. base, 1½ ft. high, N. of cor. This cor. is a point on res'n bdy.</p> |
| 73.10 | <p>Wire fence, brs. N. and S. Enter cultivated field.</p> |
| 77.20 | <p>The 1/16 sec. cor. of sec. 12 on N. and S. center line 60.12 chs. S. 0° 1' E. of ¼-sec. cor. bet. secs. 1 and 12, as previously described, which cor. is an angle point on Res'n Bdy. Land, level, irrigable. Soil, sandy loam, 1st rate.</p> |
| | <p>From the 1/16 sec. cor. at the center of the NW¼ of sec. 12, which is an angle point on Res'n bdy., I run South on a random line through the NW¼ of sec. 12, along the Res'n bdy.</p> |
| 19.93 | <p>Fall 1 lk. W. of the 1/16 sec. cor. bet. the NW¼ and SW¼ of sec. 12, which is an angle point on res'n Bdy. Returning to the 1/16 sec. cor. at center of NW¼ of sec. 12, thence I run S. 0° 2' E. on a true line through NW¼ of sec. 12, along the Res'n bdy., Over level land, through scattered mesquite and sagebrush.</p> |
| 19.93 | <p>The 1/16 sec. cor. bet. the NW¼ and SW¼ of sec. 12, which is an angle point on the Res'n bdy. Land, level, irrigable. Soil, sandy loam, 1st rate. Scattered mesquite and sagebrush.</p> |
| | <p>From the 1/16 sec. cor. at the SE. cor. of original lot 9, sec. 12, which is an angle point on Res'n bdy., I</p> |

Subdivision of T. 5 S., R. 7 E.

| Chains | | |
|-----------------|--|--|
| | run | |
| | North on a random line in sec. 12, along Res'n bdy. | |
| 20.00 | Fall 3 1/4 lks. E. of 1/16 sec. cor. at the NE. cor. of original lot 9, sec. 12. | |
| | Returning to the 1/16 sec. cor. at the SE. cor. of original lot 9, sec. 12, which is an angle point on the Res'n bdy., thence I run | |
| | N. 0° 6' W. on a true line in sec. 12, along Res'n bdy., | |
| 9.80 | Over level land, through chaparral. Old wood road, brs. E. and W. | |
| 20.00 | The 1/16 sec. cor. at the NE. cor. of original lot 9, sec. 12, which is a point on the Res'n bdy. | |
| | From this point I am able to sight my flagman at the 1/16 sec. cor. at the NE. cor. of original lot 4, sec. 12, which is an angle point on the bdy., and run | |
| | N. 0° 1' W. on a true line in sec. 12, along Res'n bdy., | |
| | Over level land, through scattered brush. | |
| 13.80 | Top of low sand ridge, brs. E. and W. | |
| 19.98 | Intersect the 1/16 sec. cor. at the NE. cor. of original lot 4, sec. 12, which is angle point on the Res'n bdy. | |
| | Land, level, irrigable. Soil, sandy loam, 1st rate. Brush of chaparral and scattered mesquite. | |
| <hr/> | | |
| | From the 1/16 sec. cor. at the NE. cor. of original lot 5, sec. 12, which is an angle point on the Res'n bdy., I sight on flag at the 1/16 sec. cor. at the NE. cor. of original lot 2, sec. 12, on line bet. secs 1 & 12, | |
| | Thence I run | |
| | N. 0° 5' W. on a true line in sec. 12, along Res'n bdy., | |
| | Over level land, through chaparral and scattered mesquite. | |
| 19.99 | Intersect the 1/16 sec. cor. at the NE. cor. of original lot 2, sec. 12, bet. secs. 1 and 12, which is an angle point on the Res'n bdy. | |
| | Land, level, irrigable. Soil, sandy loam, 1st rate. Brush, dense chaparral and scattered mesquite. | |
| <hr/> | | |
| - Jan. 5, 1912. | | |
| <hr/> | | |
| | March 15, 1911. - | |
| | The old 1/4-sec. cor. bet. secs. 1 and 12 is a cottonwood post 4 ins. sq., 1 ft. above ground, mkd. 1/4 S 1 on N. and S 12 on S. face. Old pits and mound are in evidence. At foot of post I find a granite stone 4x4x4 ins., 3 ins. in the ground, marked with a cross. | |
| | Thence I run | |
| | North on a random line through middle of sec. 1. | |
| 40.00 | Set temp. C. 1/4-sec. cor. | |

| Chains | |
|--------|---|
| 112.69 | Fall 14 lks. W. of the $\frac{1}{4}$ -sec. cor. on N. bdy. of sec. 1, and angle point on Res'n bdy. |
| | (NOTE: Res'n bdy. is afterwards changed by Executive Order of July 31, 1911.) |
| | Move temp. C. $\frac{1}{4}$ -sec. cor. 5 lks. E. |
| | From the $\frac{1}{4}$ -sec. cor. on the W. bdy. of sec. 1, as reestablished by me, I run |
| | East on a random line through middle of sec. 1. |
| 40.02 | Fall 16 lks. S. of temp. C. $\frac{1}{4}$ -sec. cor. |
| 116.40 | Fall 18 lks. N. of $\frac{1}{4}$ -sec. cor. on E. bdy. of sec. 1. |
| | (Point for C. $\frac{1}{4}$ -sec. cor. is therefore 22 lks. S. $0^{\circ} 4'$ W. of temp. cor.) |
| | Thence I run |
| | N. $89^{\circ} 55'$ W. on a true line through middle of sec. 1, along Res'n bdy. (Bdy. afterwards changed), |
| | Over level land, through open brush. |
| 6.00 | Road, brs. N. and S.. |
| 7.50 | Road, brs. N. 30° W. and S. 30° E. |
| 16.38 | Set an iron post for $\frac{1}{16}$ sec. cor. on Res'n bdy. common to the NE $\frac{1}{4}$ of sec. 1, with cap stamped |
| | 1/16 S 1 G R I R in N. |
| | P L 1911 in S. |
| | Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, N. of cor. |
| | From the cor., a mesquite tree, 18 ins. in diam., brs. S. 45° E., 6 lks. dist., marked 1/16 S 1 B T |
| | NOTE: All iron posts on Res'n bdy. were stamped G R I R The Executive Order dated July 31, 1911 (issued after survey of the Res'n bdy. in T. 5 S., R. 7 E.) changed the bdy. lines, and corrective survey was made in January, 1912, which is incorporated in these notes. In this latter survey, I effaced all markings, G R I R except on posts which bound patented lands. However, description of lines surveyed and posts set in 1911, in these notes, will show how the lines were run, and posts marked at that time. |
| 19.50 | Road, brs. N. 30° E. and S. 30° W. |
| 36.38 | Set an iron post for $\frac{1}{16}$ sec. cor. of sec. 1, NE $\frac{1}{4}$, on Res'n bdy., with cap stamped |
| | 1/16 S 1 G R I R in N. |
| | P L 1911 in S. |
| | Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, N. of cor. |
| 56.38 | Set an iron post for $\frac{1}{16}$ sec. cor. bet. SE $\frac{1}{4}$ & NE $\frac{1}{4}$ of sec. 1, with cap stamped |

ECCO 1911

Subdivision of T. 5 S., R. 7 E.

Chains

1/16 S 1 G R I R in N.
P L 1911 in S.

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

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

C 1/4 S 1 G R I R in NE.
P L in SW.
1911 in S.

Dig pits 18x18x12 ins., S., E. 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.

This was an angle point on res'n bdy.

116.40 The 1/4-sec. cor. on the W. bdy. of sec. 1.

Land, level.
Soil, black loam, 1st rate.
Open and dense brush of sage, and mesquite, full distance.

From the C. 1/4-sec. cor. of sec. 1, which is an angle point on the Res'n bdy., I run N. 0° 4' E. on a true line along the res'n bdy., bet. the NE 1/4 and NW 1/4 of sec. 1,

Over level land, through dense mesquite.

5.00 Road, brs. NE. and SW.

20.00 Set an iron post for 1/16 sec. cor. of sec. 1, with cap stamped

1/16 S 1 G R I R in E.
P L in W.
1911 in S.

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

40.00 Set an iron post for 1/16 sec. cor. of sec. 1, with cap stamped

1/16 S 1 G R I R in E.
P L in W.
1911 in S.

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

55.10 Road, brs. W. and SE., and branches N. 60° E.

55.20 Wire fence, cor., brs. West, and N. 0° 3' E., along line.

60.00 Set an iron post for 1/16 sec. cor. of sec. 1, with cap stamped

1/16 S 1 G R I R in E.
P L in W.
1911 in S.

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

Chains

72.91 The $\frac{1}{4}$ -sec. cor. on the N. bdy. of sec. 1, which is an angle point on the Res'n bdy., heretofore described.

Land, level.
Soil, black loam, 1st rate.
Dense mesquite brush, full distance.

- March 15, 1911.

April 19, 1911. -

From the $\frac{1}{16}$ sec. cor. on the Res'n bdy., 40.00 chs.
N. $0^{\circ} 4'$ E. of the C. $\frac{1}{4}$ -sec. cor. of sec. 1, I run

S. $89^{\circ} 55'$ E. on a random line through the $NE\frac{1}{4}$ of sec. 1, setting temp. cors. at intervals of 20 chs.

76.24 Fall 9 lks. N. of the $\frac{1}{16}$ sec. cor. on the E. bdy. of the $NE\frac{1}{4}$ of sec. 1, 40 chs. Northerly from the $\frac{1}{4}$ -sec. cor. on the E. bdy. of sec. 1.

Thence I run

N. $89^{\circ} 51'$ W. on a true line through the $NE\frac{1}{4}$ of sec. 1,

Over level land, through open brush.

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

16.24 Set an iron post for $\frac{1}{16}$ sec. cor. in the $NE\frac{1}{4}$ of sec. 1, with cap stamped

$\frac{1}{16}$ S 1 in N.
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.

26.00 Old irrigation ditch, brs. N. 60° W. and S. 60° E.

30.00 Road, brs. NW. and SE.

36.24 Set an iron post for $\frac{1}{16}$ sec. cor. in the $NE\frac{1}{4}$ of sec. 1, with cap stamped

$\frac{1}{16}$ S 1 in N.
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.

41.25 Road, brs. NE. and SW.

45.70 Road, brs. N. and S.

56.24 Set an iron post for $\frac{1}{16}$ sec. cor. in the $NE\frac{1}{4}$ of sec. 1, with cap stamped

$\frac{1}{16}$ S 1 in N.
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.

76.24 The $\frac{1}{16}$ sec. cor. bet. the $NE\frac{1}{4}$ and $NW\frac{1}{4}$ of sec. 1, 40.00 chs. N. $0^{\circ} 4'$ E. of the C. $\frac{1}{4}$ -sec. cor. of sec. 1,

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

Chains

NOTE:

This cor., last described, is at the SE. cor. of patented land.

- From the 1/16 sec. cor. on res'n bdy. (afterwards changed) 60.00 chs. N. 0° 4' E. of the C. 1/4-sec. cor. of sec. 1, I run
- S. 89° 55' E. on a random line through the NE 1/4 of sec. 1, Setting temp. cors. at intervals of 20 chs.
- 76.14 Fall 23 lks. N. of the 1/16 sec. cor. on the E. bdy. of the NE 1/4 of sec. 1, 60 chs. Northerly from the 1/4-sec. cor. on the E. bdy. of sec. 1.
- Thence I run
- N. 89° 45' W. on a true line through the NE 1/4 of sec. 1, Over level land, through open brush.
- 3.00 Road brs. N., and S. 2 chs. to Indian's cabin.
- 6.00 Road, brs. N. 30° E. and S. 30° W.
- 9.00 Road, brs. N. 30° W. and S. 30° E.
- 13.00 Road, brs. N. 45° W. and S. 45° E.
- 16.00 Road, same bearing.
- 16.14 Set an iron post for 1/16 sec. cor. in the NE 1/4 of sec. 1, with cap stamped
- 1/16 S 1 in N.
1911 in S.
- Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise mound of earth 3 1/2 ft. base, 1 1/2 ft. high, N. of cor.
- 20.20 Road, brs. N. and S.
- 23.00 Road, brs. NW. and SE.
- 28.00 Road, brs. N. 30° E. and S. 30° W.
- 36.14 Set an iron post for 1/16 sec. cor. in the NE 1/4 of sec. 1, with cap stamped
- 1/16 S 1 in N.
1911 in S.
- Dig pits 18x18x12 ins. ~~in~~ 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.
- 37.00 Old irrigation ditch, brs. NW. and SE.
- 39.00 Roads crossing, br. N. 60° W. and S. 60° E., and N. 30° W. and S. 30° E.
- 40.00 Road, brs. N. and S.
- 44.00 Road, brs. N. 60° W. and S. 60° E.
- 56.14 Set an iron post for 1/16 sec. cor. in the NE 1/4 of sec. 1, with cap stamped

Subdivision of T. 5 S., R. 7 E.

Chains

1/16 S 1 in N.
1911 in S.

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

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

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

75.70 Road, brs. N. and S.

76.14 The 1/16 sec. cor. of sec. 1, 60.00 chs. N. 0° 4' E. of the C. 1/4-sec. cor. of sec. 1.

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

- April 19, 1911.

Jan. 4, 1912. -

From the 1/16 sec. cor. on the W. bdy. of the NW 1/4 of sec. 1, 79.60 chs. N. of the cor. common to secs. 1 and 12, T. 5 S., R. 7 E., which 1/16 sec. cor. is at the SW. cor. of patented land, I run

East on a random line through the NW 1/4 of sec. 1.

20.00 Set temp. 1/16 sec. cor.

40.06 Intersect the 1/16 sec. cor. on the N. and S. center line of sec. 1, 40.00 chs. N. 0° 4' E. of the C. 1/4-sec. cor. of sec. 1. This cor. is still a point on the Res'n bdy., since it bounds patented land. I therefore leave markings unchanged.

Thence I run

West on a true line through the NW 1/4 of sec. 1,
Over level land, through scattered sage and mesquite,
Patented land on the N., and Indian land on the S.

3.00 Road, brs. N. and S.

20.03 Set an iron post for 1/16 sec. cor. in the NW 1/4 of sec. 1, with cap stamped

1/16 S 1 G R I R in N.
1912 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, S. of cor.

This cor. bounds patented land, to the N.

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

40.06 The 1/16 sec. cor. on the W. bdy. of the NW 1/4 of sec. 1, 79.60 chs. N. of the cor. common to secs. 1 and 12, which cor. is at the SW. cor. of patented land.

Subdivision of T. 5 S., R. 7 E.

Chains

Land, level, irrigable.
Soil, sandy loam, 2nd rate.
Scattered mesquite and sage brush.

From the 1/16 sec. cor. on the W. bdy. of the NW $\frac{1}{4}$ of sec. 1, 59.70 chs. N. of the cor. common to secs. 1 and 12, I run

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

20.00 Set temp. 1/16 sec. cor.

40.00 Fall 4 lks. N. of the 1/16 sec. cor. on N. and S. center line, 20.00 chs. N. 0° 4' E. of C. $\frac{1}{4}$ -sec. cor. of sec. 1. I efface the marks G R I R from post, as this cor. is no longer a point on Res'n bdy.

Thence I run

N. 39° 57' W. on a true line through the NW $\frac{1}{4}$ of sec. 1, Over level land, through scattered brush.

3.50 Road, brs. N. and S.

20.00 Set an iron post for 1/16 sec. cor. in the NW $\frac{1}{4}$ of sec. 1, with cap stamped

1/16 S 1 in N.
1912 in S.

Dig pits 12x18x12 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 Road, brs. N. and S.

40.00 The 1/16 sec. cor. on the W. bdy. of the NW $\frac{1}{4}$ of sec. 1, 59.70 chs. N. of the cor. common to secs. 1 and 12.

Land, level, irrigable.
Soil, sandy loam, 1st rate.
Scattered brush of sage and mesquite.

- Jan. 4, 1912.

Jan. 4, 1912, at 9h. 30m., a.m., l.m.t., I set off 33° 1' N. on the latitude arc, 22° 47' S. on the decl. arc, and determine a meridian with the solar at the C. $\frac{1}{4}$ -sec. cor. of sec. 1, established by me in March, 1911.

I efface the markings G R I R from this post as it is not now a point on the Res'n bdy.

Thence I run (on course determined by me in March, 1911)

N. 89° 55' W. on a true line through the middle of the W $\frac{1}{2}$ of sec. 1,

Over level land, through scattered brush.

4.00 Road, brs. N. and S.

20.01 Set an iron post for 1/16 sec. cor. of sec. 1, bet. the NW $\frac{1}{4}$ and SW $\frac{1}{4}$. with cap stamped

Chains

1/16 S 1 in N.
1912 in S.

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

34.10 Road, brs. N. and S.

40.02 The ¼-sec. cor. on the W. bdy. of sec. 1, previously described.

Land, level, irrigable.
Soil, sandy loam, 1st rate.
Scattered mesquite and sage brush.

From the 1/16 sec. cor. on the W. bdy. of the SW¼ of sec. 1, 19.90 chs. N. of the cor. common to secs. 1 and 12, which cor. was established by me, I run

20.00 N. 89° 50' E. on a random line through the SW¼ of sec. 1, Set temp. 1/16 sec. cor.

40.00 Intersect the point for 1/16 sec. cor. on N. and S. center line, 19.89 chs. N. 0° 4' E. of ¼-sec. cor. bet. secs. 1 and 12. This point was established by me last March.

Set an iron post for 1/16 sec. cor. bet. the SE¼ and SW¼ of sec. 1, with cap stamped

1/16 S 1 in N.
1912 in S.

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

Thence I run

S. 89° 50' W. on a true line through the SW¼ of sec. 1,

Over level land, through scattered brush.

20.00 Set an iron post for 1/16 sec. cor. in the center of the SW¼ of sec. 1, with cap stamped

1/16 S 1 in N.
1912 in S.

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

21.30 Road, brs. N. and S.

40.00 The 1/16 sec. cor. on the W. bdy. of the SW¼ of sec. 1, 19.90 chs. N. of the cor. common to secs. 1 and 12.

Land, level, irrigable.
Soil, sandy loam, 1st rate.
Scattered mesquite and sage brush.

Jan. 4, 1912, at the cor. common to secs. 1 and 12, I set off 22° 47' S. on the decl. arc, and at 12h. 4m. 38s., p.m., l.m.t., observe the sun on the meridian; the resulting latitude is 33° 0' N., which is the proper latitude.

Chains

From the 1/16 sec. cor. bet. the SE $\frac{1}{4}$ and SW $\frac{1}{4}$ of sec. 1,
19.89 chs. N. 0° 4' E. of the $\frac{1}{4}$ -sec. cor. bet. secs. 1
and 12, I run

S. 89° 48' E. on a random line through the SE $\frac{1}{4}$ of sec. 1,
Setting temp. cors. at intervals of 20 chs.

76.32 Intersect the 1/16 sec. cor. on the E. bdy. of the SE $\frac{1}{4}$
of sec. 1, on E. bdy. of tp., set by me Jan. 3, 1912,
which is 20 chs. N. 0° 9' W. of the cor. common to
secs. 1 and 12.

Thence I run

N. 89° 48' W. on a true line through the SE $\frac{1}{4}$ of sec. 1,
Over level land, through scattered brush.

3.00 Road, brs. N. and S.

16.32 Set an iron post for 1/16 sec. cor. in the SE $\frac{1}{4}$ of sec. 1,
with cap stamped

1/16 S 1 in N.
1912 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.

32.10 Road, brs. N. and S.

36.32 Set an iron post for 1/16 sec. cor. in the SE $\frac{1}{4}$ of sec. 1,
with cap stamped

1/16 S 1 in N.
1912 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.

56.32 Set an iron post for 1/16 sec. cor. in the SE $\frac{1}{4}$ of sec. 1,
with cap stamped

1/16 S 1 in N.
1912 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.

76.32 The 1/16 sec. cor. on N. and S. center line of sec. 1,
S $\frac{1}{2}$, above described.

Land, level, irrigable.
Soil, sandy loam, 1st rate.
Scattered brush of mesquite and sage.

- Jan. 4, 1912.

April 19, 1911. -

From the 1/16 sec. cor. on the Res'n bdy. (afterwards
changed) 20.00 chs. N. 0° 4' E. of the C. $\frac{1}{4}$ -sec. cor.
of sec. 1, I run

S. 89° 55' E. on a random line through the S. portion of
the NE $\frac{1}{4}$ of sec. 1,

Setting temp. cors. at intervals of 20 chs.

Chains

- 76.27 Fall 12 lks. N. of 1/16 sec. cor. on E. bdy. of NE $\frac{1}{4}$ of sec. 1, on E. bdy. of tp., 20 chs. N. 0° 9' W. of $\frac{1}{4}$ -sec. cor. on E. bdy. of sec. 1.
- Thence I run
- N. 89° 50' W. on a true line, through S. part of SE $\frac{1}{4}$ of sec. 1,
- Over level land, through open brush.
- 5.00 Old irrigation ditch, brs. N. 60° W. and S. 60° E.
- 7.00 Intersection of 2 roads, brs. N. 70° W. and S. 70° E., and N. 30° E. and S. 30° W.
- 16.27 Set an iron post for 1/16 sec. cor. in the NE $\frac{1}{4}$ of sec. 1, with cap stamped
- 1/16 S 1 in N.
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.
- 32.00 Road, brs. N. and S.
- 36.27 Set an iron post for 1/16 sec. cor. in the NE $\frac{1}{4}$ of sec. 1, with cap stamped
- 1/16 S 1 in N.
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.
- 56.27 Set an iron post for 1/16 sec. cor. in the NE $\frac{1}{4}$ of sec. 1, with cap stamped
- 1/16 S 1 in N.
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.
- 62.00 Road, brs. NE. and SW.
- 76.27 The 1/16 sec. cor. on res'n bdy. (afterwards changed, and marks G R I R effaced from cap of post), which is 20 chs. N. 0° 4' E. of the C. $\frac{1}{4}$ -sec. cor. of sec. 1.
- Land, level.
Soil, sandy loam, 1st rate.
Open brush of sage, mesquite, and greasewood, full distance.
- April 19, 1911.

April 17, 1911, -

(described on page 28)
From the cor. of secs. 2, 3, 10 and 11, I run

past on a true line bet. secs. 2 and 11,

Over level land, through open and dense mesquite and sage brush.

2.00 Road, brs. NE. and SW.

Chains

19.00 Slough of stagnant water, brs. NW. and SE.

20.00 Set an iron post for 1/16 sec. cor. No. 2 bet. secs. 2 and 11, W $\frac{1}{2}$, with cap stamped

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

36.00 Road, from S. 30° W. and SE. to NE.

40.00 Set an iron post for $\frac{1}{4}$ sec. cor. bet. secs. 2 and 11, with cap stamped

$\frac{1}{4}$ S 2 in N.
S 11 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.

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

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

74.77 Intersect Res'n bdy. 10.76 chs. S. of $\frac{1}{4}$ -sec. cor. on W. bdy. of sec. 1, heretofore described.

Set an iron post for C. C. of secs. 2 and 11, with cap stamped

R 7 E S 2 in NW.
T 5 S S 11 " SW.
C C G R I R " W.
P L " E.
1911 " S.

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

NOTE:

At the time secs. 2 and 11 were subdivided, the E. bdy. of these secs. was also the bdy. of the Gila River Indian Res'n at this place; and all posts on this bdy. were stamped G R I R on the W. and P L on the E. edges. As already stated in these notes, the Executive Order of July 31, 1911, changed this bdy., and in January, 1912, the marks G R I R and P L on these posts, which did not bound patented lands, were effaced.

Land, level.

Soil, sandy loam, 1st rate.
Open and dense brush of sage, mesquite, chaparral, full distance.

April 17, 1911, at cor. of secs. 2, 3, 10 and 11, I set off 10° 6' N. on the decl. arc, and at apparent noon, observe the sun on the meridian; the resulting latitude is 33° 1' N., the proper latitude.

Subdivision of T. 5 S., R. 7 E.

| Chains | |
|--------|---|
| | From the cor. of secs. 2, 3, 10 and 11, I run S. 0° 2' W. on a true line bet. secs. 10 and 11, Over level land, through open and dense brush. |
| 2.00 | Road, brs. NE. and S. 30° W. |
| 20.00 | Set an iron post for 1/16 sec. cor. No. 6 bet. secs. 10 and 11, N $\frac{1}{2}$, with cap stamped 1/16 S 10 in W. S 11 " E. No 6 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. |
| 34.00 | Road, brs. N. 60° E. and S. 60° W. |
| 40.00 | Set an iron post for $\frac{1}{4}$ -sec. cor. bet. secs. 10 and 11, with cap stamped $\frac{1}{4}$ S 10 in W. S 11 " 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. 12 bet. secs. 10 and 11, S $\frac{1}{2}$, with cap stamped 1/16 S 10 in W. S 11 " E. No 12 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. |
| 65.00 | Road, brs. N. 30° E. and S. 30° W. |
| 75.00 | Road, brs. N. 60° E. and S. 60° W. |
| 80.00 | Set an iron post for 1/16 sec. cor. No. 13 bet. secs. 10 and 11, S $\frac{1}{2}$, with cap stamped 1/16 S 10 in W. S 11 " E. No 13 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. |
| 92.00 | Road, brs. N. 45° E. and S. 45° W. |
| 99.80 | Road, brs. E. and W. |
| 100.00 | Set an iron post for 1/16 sec. cor. No. 17 bet. secs. 10 and 11, S $\frac{1}{2}$, with cap stamped 1/16 S 10 in W. S 11 " E. No 17 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. |
| 105.00 | Road, brs. N. 60° E. and S. 60° W. |

Subdivision of T. 5 S., R. 7 E.

Chains

108.49 Intersect S. bdy. of the Gila River Indian Res'n, 34.61 chs. N. 89° 52' W. of old 1/4-sec. cor. bet. secs. 11 and 14. This cor. now refers to sec. 14 only.

Set an iron post for C. C. of secs. 10 and 11, with cap stamped

T 5 S S 11 in NE.
R 7 E S 10 " SW
C C G R I R " N.
1911 P L " S.

2 notches on the E. and 4 on the W. edge.
Dig pits 24x18x12 ins. crosswise on each line, E. 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.

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

From the 1/16 sec. cor. No. 17 bet. secs. 10 and 11, S 1/2, I run

East on a random line through S 1/2 of sec. 11,

Setting temp. cors. at intervals of 20 chs.

74.74 Fall 4 lks. N. of point for 1/16 sec. cor. No. 17 on E. bdy. of SE 1/4 of sec. 11, on Res'n bdy. ~~XXXXXXXXXXXXXXXXXXXX~~, which point is 100.00 chs. S. of C. C. of secs. 2 and 11.

Returning to the 1/16 sec. cor. No. 17 bet. secs. 10 and 11, S 1/2, thence I run

S. 89° 58' E. on a true line through the S 1/2 of sec. 11,

Over level land, through open brush.

0.74 Road, brs. S. 85° E. and N. 85° W.

20.00 Set an iron post for 1/16 sec. cor. No. 18 in the SW 1/4 of sec. 11, with cap stamped

1/16 S 11 in N.
No 18 1911 " 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.

40.00 Set an iron post for 1/16 sec. cor. No. 19 bet. the SE 1/4 and SW 1/4 of sec. 11, with cap stamped

1/16 S 11 in N.
No 19 1911 " 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.

60.00 Set an iron post for 1/16 sec. cor. No. 20 in the SE 1/4 of sec. 11, with cap stamped

1/16 S 11 in N.
No 20 1911 " 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.

Chains

74.74 Set an iron post for 1/16 sec. cor. No. 17 on the E. bdy. of the SE $\frac{1}{4}$ of sec. 11, with cap stamped

1/16 S 11 G R I R No 17 in W.
P L in E.
1911 " S.

NOTE:

The South 60.30 chs. of the E. bdy. of sec. 11 was not changed by the Executive Order of July 31, 1911, and still remains a part of the Res'n Bdy.; and corners thereon still retain the markings G R I R on W. and P L on E.

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.

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

From the 1/16 sec. cor. No. 13 on the W. bdy. of the SW $\frac{1}{4}$ of sec. 11, I run

East on a random line through the S $\frac{1}{2}$ of sec. 11,

Setting temp. cors. at intervals of 20 chs.

74.62 Fall 9 lks. N. of point for 1/16 sec. cor. No. 13 on the E. bdy. of the SE $\frac{1}{4}$ of sec. 11, on Res'n Bdy., which point is 80.00 chs. S. of C. C. of secs. 2 and 11.

Returning to the 1/16 sec. cor. No. 13 on the W. bdy. of the SW $\frac{1}{4}$ of sec. 11, thence I run

S. 89° 56' E. on a true line through the S $\frac{1}{2}$ of sec. 11,

Over level land, through open brush.

8.00 Road, brs. NE. and SW.

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

1/16 S 11 in N.
No 16 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.

40.00 Set an iron post for 1/16 sec. cor. No. 15 bet. the SE $\frac{1}{4}$ and SW $\frac{1}{4}$ of sec. 11, with cap stamped

1/16 S 11 in N.
No 15 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.

60.00 Set an iron post for 1/16 sec. cor. No. 14 in the SE $\frac{1}{4}$ of sec. 11, with cap stamped

1/16 S 11 in N.
No 14 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.

Subdivision of T. 5 S., R. 7 E.

Chains

74.62

Set an iron post for 1/16 sec. cor. No. 13 on the E. bdy. of the SE 1/4 of sec. 11, on Res'n bdy., with cap stamped

1/16 S 11 G R I R No 13 in W.
P L in E.
1911 " S.

NOTE:

This still remains a point on Res'n Bdy.

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.

Land, level.

Soil, sandy loam, 1st rate.

Open brush of sage and mesquite, full distance.

74.73

From the 1/16 sec. cor. No. 12 bet. secs. 10 and 11, S 1/2, I run

East on a random line through the S 1/2 of sec. 11,

Setting temp. cors. at intervals of 20 chs.

Fall 5 lks. N. of point for 1/16 sec. cor. No. 12 on the E. bdy. of the SE 1/4 of sec. 11, on the Res'n bdy., which point is 60.00 chs. S. of the C. C. of secs. 2 and 11.

Returning to the 1/16 sec. cor. No. 12 bet. secs. 10 and 11, S 1/2, thence I run

S. 89° 58' E. on a true line through the S 1/2 of sec. 11,

Over level land, through open brush.

3.00

Road, brs. N. 30° E. and S. 30° W.

20.00

Set an iron post for 1/16 sec. cor. No. 9 in the SW 1/4 of sec. 11, with cap stamped

1/16 S 11 in N.
No 9 1911 " 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.

36.00

Road, brs. N. 30° E. and S. 30° W.

40.00

Set an iron post for 1/16 sec. cor. No. 10 bet. the SE 1/4 and SW 1/4 of sec. 11, with cap stamped

1/16 S 11 in N.
No 10 1911 " 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.

60.00

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

1/16 S 11 in N.
No 11 1911 " 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.

70.00

Road, brs. NE. and SW.

Subdivision of T. 5 S., R. 7 E.

Chains

74.73

Set an iron post for 1/16 sec. cor. No. 12 on the E. bdy. of the SE 1/4 of sec. 11, on Res'n Bdy., with cap stamped

1/16 S 11 G R I R No 12 in W.
P L in E.
1911 " S.

NOTE:

This still remains a point on Res'n Bdy.

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.

Land, level.

Soil, sandy loam, 1st rate.

Open brush of sage and mesquite, full distance.

74.72

From the 1/4-sec. cor. bet. secs. 10 and 11, I run East on a random line through middle of sec. 11, Setting temp. cors. at intervals of 20 chs.

Fall 6 lks. N. of point for 1/4-sec. cor. on E. bdy. of sec. 11, on Res'n Bdy., which point is 40 chs. S. of C. C. of secs. 2 and 11.

Returning to the 1/4-sec. cor. bet. secs. 10 and 11, thence I run

S. 89° 57' E. on a true line through the middle of sec. 11.

Over level land, through open brush.

12.70

Road, brs. N. 20° W. and S. 20° E.

20.00

Set an iron post for 1/16 sec. cor. No. 8 bet. the NW 1/4 and SW 1/4 of sec. 11, with cap stamped

1/16 S 11 in N.
No 8 1911 " 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.

40.00

Set an iron post for center 1/4-sec. cor. of sec. 11, with cap stamped

C 1/4 S 11 in N.
1911 in S.

Dig pits 18x18x12 ins., S., E. 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.

41.00

Wash, course NW.

48.70

Road, brs. N. 30° E. and S. 30° W.

60.00

Set an iron post for 1/16 sec. cor. No. 7 bet. the NE 1/4 and SE 1/4 of sec. 11, with cap stamped

1/16 S 11 in N.
No 7 1911 " 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.

Chains

74.72

Set an iron post for 1/4-sec. cor. on the E. bdy. of sec. 11, on Res'n Bdy. (afterwards changed), with cap, stamped

1/4 S 11 G R I R in W.
P L in E.
1911 in 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.

NOTE:

Res'n Bdy. changed by Executive Order of July 31, 1911, and markings on this post changed by eliminating G R I R and P L as hereinbefore stated.

Land, level.

Soil, sandy loam, 1st rate.

Open brush of sage, mesquite, and chaparral, full dist.

From the 1/16 sec. cor. No. 6 bet. secs. 10 and 11, N 1/2, I run

East on a random line through the N 1/2 of sec. 11,

Setting temp. cors. at intervals of 20 chs.

74.69

Fall 5 lks. N. of point for 1/16 sec. cor. No. 6 on the E. bdy. of the NE 1/4 of sec. 11, on the Res'n Bdy. (afterwards changed), which point is 20.00 chs. S. of the C. C. of secs. 2 and 11.

Returning to the 1/16 sec. cor. No. 6 bet. secs. 10 and 11, N 1/2, thence I run

S. 89° 58' E. on a true line through the N 1/2 of sec. 11,

Over level land, through open brush.

6.00

Road, brs. NW. and SE.

20.00

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

1/16 S 11 in N.
No 3 1911 " 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.

22.00

Road, brs. N. and S.

28.00

Wash, course N.

40.00

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

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

43.00

Road, brs. N. and S.

60.00

Set an iron post for 1/16 sec. cor. No. 5 in the center of the NE 1/4 of sec. 11, with cap stamped

Chains

1/16 S 11 in N.
No 5 1911 " 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.

74.69

Set an iron post for 1/16 sec. cor. No. 6 on the E. bdy. of the NE 1/4 of sec. of sec. 11, on the Res'n Bdy. (afterwards changed), with cap stamped

1/16 S 11 G R I R No 6 in W.
P L in E.
1911 in S.

NOTE:

Res'n Bdy. changed by Executive Order of July 31, 1911, and markings on this post changed, G R I R and P L being effaced, as hereinbefore stated.

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.

Land, level.
Soil, sandy loam, 1st rate.
Open brush of sage, mesquite and chaparral, full dist.

- April 17, 1911.

April 17, 1911, at 8h., a.m., l.m.t., I set off 10° 14' S. on the decl. arc, 33° 2' N. on the latitude arc, and determine a meridian with the solar at the cor. of secs. 2, 3, 34 and 35, on the N. bdy. of the tp.

Thence I run

S. 0° 2' W. bet. secs. 2 and 3,

Over level land, through brush.

12.00

Road, brs. NE. and SW.

16.00

Enter dense mesquite, brs. NW. and SE.

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.
S 2 " E.
No 6 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.

38.60

Set an iron post for W. C. to 1/4-sec. cor. bet. secs. 2 and 3, with cap stamped

1/4 S 3 in W.
S 2 " E.
W C 1911 in S.

From which -

A mesquite, 6 ins. in diam., brs. S. 15° W., 8 lks. dist., marked 1/4 S 3 W C B T

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.

Chains

40.00 Point for $\frac{1}{4}$ -sec. cor. bet. secs. 2 and 3 falls in slough,
2 chs. wide, 6 chs. long, brs. E. and W.

60.00 Set an iron post for $\frac{1}{16}$ sec. cor. bet. secs. 2 and 3,
 $S\frac{1}{2}$, with cap stamped

No. 12
 $\frac{1}{16}$ S 3 in W.
S 2 " E.
No 12 1911 in S.

From which -

A mesquite, 6 ins. in diam., brs. N. 86° E., 27 lks.
dist., mkd. $\frac{1}{16}$ S 2 B T

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

80.00 Set an iron post for cor. of secs. 2, 3, 10 and 11, with
cap stamped

T 5 S S 2 in NE.
R 7 E S 11 " SE.
S 10 " SW.
S 3 " NW.
1911 " S.

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

From which -

A mesquite, 6 ins. in diam., brs. N. $35\frac{1}{2}^{\circ}$ W., 50 lks.
dist., marked T 5 S R 7 E S 3 B T

Dig pits $18 \times 18 \times 12$ ins. in each sec. $5\frac{1}{2}$ ft. dist.; and
raise mound of earth 4 ft. base, 2 ft. high, W. of cor.

Land, level.

Soil, sandy loam, 1st rate.

Open and dense brush of sage, mesquite and chaparral,
full distance.

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

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

Setting temp. cors. at intervals of 20 chs.

74.78 Fall 10 lks. S. of point for $\frac{1}{16}$ sec. cor. on the E. bdy.
of the $SE\frac{1}{4}$ of sec. 2, on the Res'n Bdy. (afterwards
changed), which point is 20 chs. N. of C. C. of secs.
2 and 11.

Returning to the $\frac{1}{16}$ sec. cor. No. 12 bet. secs. 2 and 3,
 $S\frac{1}{2}$, thence I run

N. $89^{\circ} 55'$ E. on a true line through the $S\frac{1}{2}$ of sec. 2,

Over level land, through open and scattered mesquite.

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

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

$\frac{1}{16}$ S 2 in N.
No 9 1911 " S.

| Chains | |
|---|---|
| | Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise mound of earth 3½ ft. base, 1½ ft. high, N. of cor. |
| 21.70 | Road, brs. N. 30° W. and S. 30° E. |
| 31.00 | Road, brs. N. 30° E. and S. 30° W. |
| 40.00 | Set an iron post for 1/16 sec. cor. No. 10 bet. the SE¼ and SW¼ of sec. 2, with cap stamped 1/16 S 2 in N. No 10 1911 " S. |
| | Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise mound of earth 3½ ft. base, 1½ ft. high, N. of cor. |
| 47.00 | Road, brs. N. 30° E. and S. 30° W. |
| 60.00 | Set an iron post for 1/16 sec. cor. No. 11 in the center of the SE¼ of sec. 2, with cap stamped 1/16 S 2 in N. No 11 1911 " S. |
| | Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise mound of earth 3½ ft. base, 1½ ft. high, N. of cor. |
| 74.78 | Set an iron post for 1/16 sec. cor. No. 12 on the E. bdy. of the SE¼ of sec. 2, on Res'n Bdy. (afterwards changed), with cap stamped 1/16 S 2 G R I R No 12 in W. P L in 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. |
| | NOTE: The Executive Order of July 31, 1911, changed Res'n Bdy. at this point, and marks G R I R and P L on cap were later effaced. |
| | Land, level. Soil, sandy loam, 1st rate. Open and dense brush of sage and mesquite, full distance. |
| <hr style="border-top: 1px dashed black;"/> | |
| | From true point for ¼-sec. cor. bet. secs. 2 and 3, in slough, I run East on a random line through middle of sec. 2, Setting temp. cors. at intervals of 20 chs. |
| 74.71 | Fall 6 lks. S. of point for ¼-sec. cor. on E. bdy. of sec. 2, on Res'n Bdy. (afterwards changed), which point is 40 chs. N. of C. C. of secs. 2 and 11. Returning to the true point for ¼-sec. cor. bet. secs. 2 and 3, which falls in slough, thence I run N. 89° 57' E. on a true line through middle of sec. 2, At first in slough. |
| 3.00 | Leave slough; enter level land. Thence through open and dense mesquite and sage brush. |

Subdivision of T. 5 S., R. 7 E.

Chains

20.00 Set an iron post for 1/16 sec. cor. No. 8 bet. the NW $\frac{1}{4}$ and SW $\frac{1}{4}$ of sec. 2, with cap stamped

1/16 S 2 in N.
No 8 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.

40.00 Set an iron post for C. $\frac{1}{4}$ -sec. cor. of sec. 2, with cap stamped

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

Dig pits 18x18x12 ins., S., E. 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.

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

60.00 Set an iron post for 1/16 sec. cor. No. 7 bet. the NE $\frac{1}{4}$ and SE $\frac{1}{4}$ of sec. 2, with cap stamped

1/16 S 2 in N.
No 7 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.

60.50 Well traveled road, brs. N. 30° E. and S. 30° W.

74.71 Set an iron post for $\frac{1}{4}$ -sec. cor. on the E. bdy. of sec. 2, on the Res'n Bdy. (afterwards changed), with cap stamped

$\frac{1}{4}$ S 2 G R I R in W.
P L in E.
1911 in 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.

NOTE:

The Executive Order of July 31, 1911, changed the Res'n Bdy. at this point; hence, the markings G R I R and P L were later effaced, as hereinbefore stated.

Land, level.

Soil, sandy loam, 1st rate.

Open and dense brush of sage and mesquite, full distance.

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

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

Setting temp. cors. at intervals of 20 chs.

74.73 Fall 12 lks. S. of point for 1/16 sec. cor. No. 6 on the E. bdy. of the NE $\frac{1}{4}$ of sec. 2, on the Res'n Bdy., which point is 60 chs. N. of the C. C. of secs. 2 and 11.

Returning to the 1/16 sec. cor. No. 6 bet. secs. 2 and 3, N $\frac{1}{2}$, thence I run

N. 89° 55' E. on a true line through the N $\frac{1}{2}$ of sec. 2,

Subdivision of T. 5 S., R. 7 E.

Chains

Over level land, through open and dense mesquite and sage brush.

14.70 Road, brs. NW. and SE.

20.00 Set an iron post for 1/16 sec. cor. No. 3 in the center of the NW 1/4 of sec. 2, with cap stamped

1/16 S 2 in N.
No 3 1911 " 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.

40.00 set an iron post for 1/16 sec. cor. No. 4 bet. the NE 1/4 and NW 1/4 of sec. 2, with cap stamped

1/16 S 2 in N.
No 4 1911 " 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.

60.00 set an iron post for 1/16 sec. cor. No. 5 in the center of the NE 1/4 of sec. 2, with cap stamped

1/16 S 2 in N.
No 5 1911 " 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.

66.75 Road, brs. N. and S.

74.73 Set an iron post for 1/16 sec. cor. No. 6 on the E. bdy. of the NE 1/4 of sec. 2, with cap stamped

1/16 S 2 G R I R No 6 in W.
P L in 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.

NOTE:

As the land East of this cor. is patented, the markings G R I R and P L are not eliminated from this post in accordance with the Executive Order of July 31, 1911, changing the bdy. of the Res'n, as were similar markings on other posts in secs. 2 and 11 S. of this cor.

Land, level.

Soil, sandy loam, 1st rate.

Open and dense brush of sage, mesquite, and scattered chaparral, full distance.

(described on page 39)

From the cor. of secs. 2, 3, 10 and 11, I run

West on a random line bet. secs. 3 and 10,

Setting temp. cors. at intervals of 20 chs.

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

Thence I run

S. 89° 54' E. on a true line bet. secs. 3 and 10,

Subdivision of T. 5 S., R. 7 E.

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Chains

- Over level land, through open brush.
- 4.00 Wash, course NE.
- 20.00 Set an iron post for 1/16 sec. cor. No. 2 bet. secs. 3 and 10, W $\frac{1}{2}$, with cap stamped
- 1/16 S 3 in N.
No 2 S 10 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.
- 36.00 Enter dense mesquite, brs. N. and S.
- 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.
S 10 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.
- 40.50 Wash, course N.
- 47.00 Leave dense mesquite, brs. NE. and SW. Enter open brush.
- 54.00 Road, brs. N. 30° W. and S. 30° E.
- 60.00 Set an iron post for 1/16 sec. cor. No. 1 bet. secs. 3 and 10, E $\frac{1}{2}$, with cap stamped
- 1/16 S 3 in N.
No 1 S 10 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.
- 61.00 Road, brs. N. 30° E. and S. 30° W.
- 68.00 Enter dense mesquite, brs. N. and S.
- 77.00 Road, brs. N. 30° E. and S. 30° W.
- 80.00 The cor. of secs. 2, 3, 10 and 11.
- Land, level.
Soil, sandy loam, 1st rate.
Open and dense brush of sage, mesquite and chaparral, full distance.
-
- April 17, 1911, at the cor. of secs. 3, 4, 9 and 10, I set off 10° 17' S. on the decl. arc, and at apparent noon, observe the sun on the meridian; the resulting latitude is 33° 1' N., which is correct.
-
- From the cor. of secs. 3, 4, 9 and 10, I run
- S. 0° 2' W. bet. secs. 9 and 10,
- Over level land, through open brush.
- 17.00 Wash, course E.

Subdivision of T. 5 S., R. 7 E.

Chains

20.00 Set an iron post for 1/16 sec. cor. No. 6 bet. secs. 9 and 10, N $\frac{1}{2}$, with cap stamped

1/16 S 9 in W.
S 10 " E.
No 6 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.

28.00 Wash, course NE.

40.00 Set an iron post for $\frac{1}{4}$ -sec. cor. bet. secs. 9 and 10, with cap stamped

$\frac{1}{4}$ S 9 in W.
S 10 " 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.

52.00 Wash, course NE.

59.50 Wash, course NE.

60.00 Set an iron post for 1/16 sec. cor. No. 12 bet. secs. 9 and 10, S $\frac{1}{2}$, with cap stamped

1/16 S 9 in W.
S 10 " E.
No 12 1911 " S.

From which -

A mesquite, 10 ins. in diam., bra. S. 83 $\frac{3}{4}$ ° W., 52 lks. dist., mkd. 1/16 S 9 B T

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.

80.00 Set an iron post for 1/16 sec. cor. No. 13 bet. secs. 9 and 10, S $\frac{1}{2}$, with cap stamped

1/16 S 9 in W.
S 10 " E.
No 13 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.

88.00 Wash, course NE.

89.00 Road, brs. NW. and SE.

97.50 Wash, course NE.

100.00 Set an iron post for 1/16 sec. cor. No. 17 bet. secs. 9 and 10, S $\frac{1}{2}$, with cap stamped

1/16 S 9 in W.
S 10 " E.
No 17 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.

101.70 Road, brs. N. 60° W. and S. 60° E., leads to Papago Indian village.

Chains

108.21 Intersect S. bdy. of Gila River Indian Res'n, 7.33 chs. S. 89° 52' E. of old cor. of secs. 9, 10, 15 and 16, which now refers to secs. 15 and 16, only.

Set an iron post for C. C. of secs. 9 and 10, with cap stamped

T 5 S S 10 in NE.
R 7 E S 9 " NW.
C C G R I R " N.
P L 1911 " S.

3 notches on the E. and 3 on the W. edge.

Dig pits 24x18x12 ins. crosswise on each line, E. 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.

Land, level.

Soil, sandy loam, 1st rate.

Open brush of sage, and scattered mesquite, full distance.

A-April 17, 1911.

See G 10 Book
for remarking
this corner post
made Sep. 98.

April 18, 1911. -

From the 1/16 sec. cor. No. 17, bet. secs. 10 and 11, S 1/4 I run

N. 89° 54' W. on a random line through the S 1/4 of sec. 10,

Setting temp. cors. at intervals of 20 chs.

80.08 Fall 9 lks. N. of the 1/16 sec. cor. No. 17, bet. secs. 9 and 10, S 1/4.

Thence I run

S. 89° 58' E. on a true line through the S 1/4 of sec. 10,

Over level land, through open and dense brush.

14.00 Road, brs. N. and S.

14.50 Wash, course N. 60° E.

20.02 Set an iron post for 1/16 sec. cor. No. 18 in the SW 1/4 of sec. 10, with cap stamped

1/16 S 10 in N.
No 18 1911 " 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.

28.50 Brush fence, brs. N. 30° E. and S. 30° W.

36.00 Cor. of brush fence, brs. N. 60° W. and S. 30° W.

40.04 Set an iron post for 1/16 sec. cor. No. 19 bet. the SE 1/4 and SW 1/4 of sec. 10, with cap stamped

1/16 S 10 in N.
No 19 1911 " 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.

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

51.00 Road, same bearing.

Chains

58.00 Road, brs. NW. and SE.

Cabin brs. N., 10 chs. dist.

60.06 Set an iron post for 1/16 sec. cor. No. 20 in the SE 1/4 of sec. 10, with cap stamped

1/16 S 10 in N.
No 20 1911 " 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.

61.50 Road, brs. NE. and SW.

73.00 Road, same bearing.

80.08 The 1/16 sec. cor. No. 17, bet. secs. 10 and 11, S 1/4.

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

From the 1/16 sec. cor. No. 13 bet. secs. 10 and 11, S 1/4, I run

N. 89° 54' W. on random line through the S 1/4 of sec. 10,

Setting temp. cors. at intervals of 20 chs.

80.08 Fall 2 lks. N. of 1/16 sec. cor. No. 13, bet. secs. 9 and 10, S 1/4.

Thence I run

S. 89° 55' E. on a true line through the S 1/4 of sec. 10,

Over level land, through open brush.

16.00 Wash, course NE.

20.02 Set an iron post for 1/16 sec. cor. No. 16 in the SW 1/4 of sec. 10, with cap stamped

1/16 S 10 in N.
No 16 1911 " 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.

38.00 Wash, course NW.

40.04 Set an iron post for 1/16 sec. cor. No. 15 bet. the SE 1/4 and SW 1/4 of sec. 10, with cap stamped

1/16 S 10 in N.
No 15 1911 " 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.

46.00 Wash, course N.

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

Cabin, brs. 8 chs. N.

Subdivision of T. 5 S., R. 7 E.

Chains

- 53.00 Well, brs. 10 lks. N.
- 55.50 Road, brs. N. and S.
- 59.00 Wash, course N. 30° W.
- 60.06 Set an iron post for 1/16 sec. cor. No. 14 in the SE¼ of sec. 10, with cap stamped

1/16 S 10 in N.
No 14 1911 " S.

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise mound of earth 3½ ft. base, 1½ ft. high, N. of cor.
- 66.00 Road, brs. N. 60° E. and S. 60° W.
- 72.00 Road, brs. N. 30° E. and S. 30° W.
- 80.08 The 1/16 sec. cor. No. 13 bet. secs. 10 and 11, S½.

Land, level.
Soil, sandy loam, 1st rate.
Open brush of sage and scattered mesquite, full distance.

-
- From the 1/16 sec. cor. No. 12 bet. secs. 10 and 11, S½, I run

N. 89° 54' W. on a random line through the S½ of sec. 10, Setting temp. core. at intervals of 20 chs.
 - 80.04 Fall 9 lks. N. of the 1/16 sec. cor. No. 12 bet. secs. 9 and 10, S½.

Thence I run
S. 89° 58' E. on a true line through the S½ of sec. 10, Over level land, through open brush.
 - 20.01 Set an iron post for 1/16 sec. cor. No. 9 in the SW¼ of sec. 10, with cap stamped

1/16 S 10 in N.
No 9 1911 " S.

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise mound of earth 3½ ft. base, 1½ ft. high, N. of cor.
 - 28.00 Wash, course N.
 - 40.02 Set an iron post for 1/16 sec. cor. No. 10 bet. the SE¼ and SW¼ of sec. 10, with cap stamped

1/16 S 10 in N.
No 10 1911 " S.

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise mound of earth 3½ ft. base, 1½ ft. high, N. of cor.
 - 42.50 Road, brs. NW. and SE.
 - 51.50 Road, brs. N. and S.
 - 55.00 Road, brs. N. and S.
 - 60.03 Set an iron post for 1/16 sec. cor. No. 11 in the SE¼

Chains

of sec. 10, with cap stamped

1/16 S 10 in N.
No 11 1911 " S.

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

80.04 The 1/16 sec. cor. No. 12 bet. secs. 10 and 11, S½.

Land, level.

Soil, sandy loam, 1st rate.

Open and dense brush of sage, mesquite, and chaparral, full distance.

- April 18, 1911.

April 18, 1911, at 8h., a.m., l.m.t., I set off 33° 1' N. on the latitude arc, 10° 29' N. on the decl. arc, and determine a meridian with the solar at the ¼-sec. cor. bet. secs. 10 and 11.

Thence I run

N. 89° 54' W. on a random line through the middle of sec. 10,

Setting temp. cors. at intervals of 20 chs.

80.00 Fall 7 lks. N. of the ¼-sec. cor. bet. secs. 9 and 10.

Thence I run

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

Over level land, through open and dense brush.

20.00 Set an iron post for 1/16 sec. cor. No. 8 bet. the NW¼ and SW¼ of sec. 10, with cap stamped

1/16 S 10 in N.
No 8 1911 " S.

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

30.00 Road, brs. N. and S.

40.00 Set an iron post for C. ¼-sec. cor. of sec. 10, with cap stamped

C ¼ S 10 in N.
1911 " 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.

46.00 Wash, course N.

52.50 Wash, course N.

54.00 Road, brs. N. and S.

60.00 Set an iron post for 1/16 sec. cor. No. 7 bet. the NE¼ and SE¼ of sec. 10, with cap stamped

Chains

1/16 S 10 in N.
No 7 1911 " 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.

80.00 The 1/4-sec. cor. bet. secs. 10 and 11.

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

- April 28, 1911.

April 17, 1911. -

From the 1/16 sec. cor. No. 6 bet. secs. 10 and 11, N 1/2, I run

N. 89° 54' W. on a random line through the N 1/2 of sec. 10,

Setting temp. cors. at intervals of 20 chs.

80.12 Fall 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' E. on a true line through the N 1/2 of sec. 10,

Over level land, through open and dense brush.

19.50 Wash, course N. 60° E.

20.03 Set an iron post for 1/16 sec. cor. No. 3 at the center of the NW 1/4 of sec. 10, with cap stamped

1/16 S 10 in N.
No 3 1911 " 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.

31.00 Road, brs. NW. and SE.

40.06 Set an iron post for 1/16 sec. cor. bet. the NE 1/4 and NW 1/4 of sec. 10, with cap stamped

1/16 S 10 in N.
No 4 1911 " 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.

44.00 Wash, course NE.

59.50 Road, brs. N. and S.

60.09 Set an iron post for 1/16 sec. cor. No. 5 at the center of the NE 1/4 of sec. 10, with cap stamped

1/16 S 10 in N.
No 5 1911 " 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.

Chains

80.12 The 1/16 sec. cor. No. 6 bet. secs. 10 and 11, N $\frac{1}{2}$.
 Land, level.
 Soil, sandy loam, 1st rate.
 Open brush, ~~and~~ sage, mesquite, and chaparral, full distance.
 - April 17, 1911.

April 16, 1911, at 8h., a.m., l.m.t., I set off 33° 2' N. on the latitude arc, 9° 53' N. on the decl. arc, and determine a meridian with the solar at the cor. of secs. 3, 4, 33 and 34, on the N. bdy. of the tp.

Thence I run

S. 0° 2' W. bet. secs. 3 and 4,

Over level land, through scattered brush.

12.00 Road, hrs. N. 60° W. and S. 60° E.

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.
 S 3 " E.
 No 6 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.

27.00 Dry wash, course NE.

30.00 Dry wash, course N. 45° E.

32.00 Road, hrs. N. 45° W. and S. 45° E.

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.
 S 3 " 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, course NE.

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.
 S 3 " E.
 No 12 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.

80.00 Set an iron post for cor. of secs. 3, 4, 9 and 10, with cap stamped

T 5 S S 3 in NE.
 R 7 E S 10 " SE.
 S 9 " SW.
 S 4 " NW.
 1911 " S.

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

Chains

From which -

A mesquite, 12 ins. in diam., brs. N. 48° 30' E., 248 lks. dist., mkd. T 5 S R 7 E S 3 B T

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

Land, level.

Soil, sandy loam, 1st rate.

Scattered brush of mesquite and chaparral, full distance.

- April 16, 1911.

April 17, 1911. -

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

West on a random line through the S 1/2 of sec. 3,

Setting temp. cors. at intervals of 20 chs.

79.96 Fall 14 lks. S. of the 1/16 sec. cor. No. 12 bet. secs. 3 and 4, S 1/2.

Thence I run

S. 89° 54' E. on a true line through the S 1/2 of sec. 3,

Over level land, through open and dense brush of sage and mesquite.

4.00 Dry wash, course N. 10° W.

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

1/16 S 3 in N.
No 9 1911 " 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.

22.00 Stock corral, 1 ch. sq., on line.

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

38.00 Wash, course N. 30° W.

39.98 Set an iron post for 1/16 sec. cor. No. 10 bet. the SE 1/4 and SW 1/4 of sec. 3, with cap stamped

1/16 S 3 in N.
No 10 1911 " 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.

41.00 Wash, course N. 30° E.

44.00 Wash, course N. 45° W.

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

1/16 S 3 in N.
No 11 1911 " S.

Chains

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.

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

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

Land, level.
Soil, sandy loam, 1st rate.
Open and dense brush of sage and mesquite, full distance.

true point for

From the A 1/4-sec. cor. bet. secs. 2 and 3, I run

West on a random line through the middle of sec. 3,

Setting temp. cors. at intervals of 20 chs.

79.96 Fall 14 lks. S. of 1/4-sec. cor. bet. secs. 3 and 4.

Thence I run

S. 89° 54' E. on a true line through the middle of sec. 3,

Over level land, through open brush.

7.00 Wash, course NE.

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

19.99 get an iron post for 1/16 sec. cor. No. 8 bet. the NW 1/4 and SW 1/4 of sec. 3, with cap stamped

1/16 S 3 in N.
No 8 1911 " 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.

25.00 Enter dense mesquite brush, brs. N. 20° W. and S. 20° E.

35.00 Main wash, course NW.

37.00 Wash, course NW.

39.98 Set an iron post for C 1/4-sec. cor. of sec. 3, with cap stamped

C 1/4 S 3 in N.
1911 " 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.

52.00 Dim old road, brs. N. 30° W. and S. 30° E.

59.70 Dim old road, brs. N. 30° E. and S. 30° W.

59.97 get an iron post for 1/16 sec. cor. No. 7 bet. the NE 1/4 and SE 1/4 of sec. 3, with cap stamped

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

77.00 Enter slough 2.00 chs. wide, brs. E. and W.

Chains
 79.96 true point for
 The $\frac{1}{4}$ -sec. cor. bet. secs. 2 and 3.
 Land, level.
 Soil, sandy loam, 1st rate.
 Open and dense brush of sage, mesquite, and chaparral,
 full distance.

From the $\frac{1}{16}$ sec. cor. No. 6 bet. secs. 2 and 3, $N\frac{1}{2}$, I
 run
 West on a random line through the $N\frac{1}{2}$ of sec. 3,
 Setting temp. cors. at intervals of 20 chs.
 80.00 Fall 18 lks. S. of the $\frac{1}{16}$ sec. cor. No. 6 bet. secs.
 3 and 4, $N\frac{1}{2}$.
 Thence I run
 S. $89^{\circ} 52'$ E. on a true line through the $N\frac{1}{2}$ of sec. 3,
 Over level land, through open brush.
 7.00 Wash, course N. 30° E.
 8.00 Enter dense mesquite, brs. N. and S.
 11.00 Road, brs. N. 30° W. and S. 30° E.
 20.00 Set an iron post for $\frac{1}{16}$ sec. cor. No. 3 at the center
 of the $NW\frac{1}{4}$ of sec. 3, with cap stamped
 $\frac{1}{16}$ S 3 in N.
 No 3 1911 " 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.
 26.00 Large wash, course NW.
 40.00 Set an iron post for $\frac{1}{16}$ sec. cor. No. 4 bet. the $NE\frac{1}{4}$
 and $NW\frac{1}{4}$ of sec. 3, with cap stamped
 $\frac{1}{16}$ S 3 in N.
 No 4 1911 " 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 $\frac{1}{16}$ sec. cor. No. 5 at the center
 of the $NE\frac{1}{4}$ of sec. 3, with cap stamped
 $\frac{1}{16}$ S 3 in N.
 No 5 1911 " 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.
 78.00 Leave dense mesquite brush, brs. N. and S.
 Enter open growth.
 80.00 The $\frac{1}{16}$ sec. cor. No. 6 bet. secs. 2 and 3, $N\frac{1}{2}$.
 Land, level.
 Soil, sandy loam, 1st rate.

Chains

Open and dense brush of sage, mesquite, and chaparral, full distance.

- April 17, 1911.

April 15, 1911, at the cor. of secs. 4, 5, 8 and 9, I set off 9° 35' N. on the decl. arc, and at apparent noon, observe the sun on the meridian; the resulting latitude is 33° 1' N., which is correct.

April 15, 1911. - (described on page 50)

From the cor. of secs. 4, 5, 8 and 9, I run

S. 0° 1' W. bet. secs. 8 and 9,

Over level land.

2.00 Wash, course E.

12.00 Wash, course E.

20.00 Set an iron post for 1/16 sec. cor. No. 6 bet. secs. 8 and 9, N 1/4, with cap stamped

1/16 S 8 in W.
S 9 " E.
No 6 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.

32.00 Wash, course NE.

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

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

48.00 Well traveled road, hrs. SE. and NW.

60.00 Set an iron post for 1/16 sec. cor. No. 12 bet. secs. 8 and 9, S 1/4, with cap stamped

1/16 S 8 in W.
S 9 " E.
No 12 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.

72.00 Wash, course E.

80.00 Set an iron post for 1/16 sec. cor. No. 13 bet. secs. 8 and 9, S 1/4, with cap stamped

1/16 S 8 in W.
S 9 " E.
No 13 1911 " S.

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

Chains

raise mound of earth 3 1/2 ft. base, 1 1/2 ft. high, W. of cor.

100.00 Set an iron post for 1/16 sec. cor. No. 17 bet. secs. 8 and 9, S 1/2, with cap stamped

1/16 S 8 in W.
S 9 " E.
No 17 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. Road, brs. E. and W.

102.00
107.85 Intersect S. bdy. of Gila River Indian Res'n, 7.87 chs. N. 89° 43' E. of old cor. of secs. 8, 9, 16 and 17, which now refers to secs. 16 and 17, only.

Set an iron post for C. C. of secs. 8 and 9, with cap stamped

T 5 S 8 9 in NE.
R 7 E 8 8 " NW.
C C G R I R " N.
P L 1911 " S.
4 notches on the E. and 2 on the W. edge.

Dig pits 24x18x12 ins. crosswise on each line, E. 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.

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

- April 15, 1911.

April 16, 1911. -

From the cor. of secs. 3, 4, 9 and 10, I run

West on a random line bet. secs. 4 and 9,

Setting temp. cors. at intervals of 20 chs.

79.96 Fall 12 lks. S. of the cor. of secs. 4, 5, 8 and 9.

Thence I run

S. 89° 55' E. on a true line bet. secs. 4 and 9,

Over level land, through scattered brush.

19.99 set an iron post for 1/16 sec. cor. No. 2 bet. secs. 4 and 9, W 1/2, with cap stamped

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

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

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

Chains

1/4 S 4 in N.
S 9 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.

59.97 Set an iron post for 1/16 sec. cor. No. 1 bet. secs. 4 and 9, E 1/2, with cap stamped

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

70.00 Wash, course NE.

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

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

From the 1/16 sec. cor. No. 17 bet. secs. 9 and 10, S 1/2, I run

N. 89° 55' W. on a random line through the S 1/2 of sec. 9, Setting temp. cors. at intervals of 20 chs.

80.00 Fall 4 lks. N. of 1/16 sec. cor. No. 17 bet. secs. 8 and 9, S 1/2.

Thence I run

S. 89° 57' E. on a true line through the S 1/2 of sec. 9, In wash, over level land, through brush (open).

2.00 Leave wash, course NE.

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

20.00 Set an iron post for 1/16 sec. cor. No. 18 in the SW 1/4 of sec. 9, with cap stamped

1/16 S 9 in N.
No 18 1911 " 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.

36.00 Wash, course SE.

38.00 Road, brs. NW. and SE.

40.00 Set an iron post for 1/16 sec. cor. No. 19 bet. the SE 1/4 and SW 1/4 of sec. 9, with cap stamped

1/16 S 9 in N.
No 19 1911 " 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.

60.00 Set an iron post for 1/16 sec. cor. No. 20 in the SE 1/4 of sec. 9, with cap stamped

Subdivision of T. 5 S., R. 7 E.

| Chains | |
|---|---|
| | <p>1/16 S 9 in N. No 20 1911 " S.</p> <p>Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise mound of earth 3½ ft. base, 1½ ft. high, N. of cor.</p> |
| 74.00 | Road, brs. NW. and SE., towards Papago village. |
| 77.00 | Wash, course NE. from SW. |
| 79.00 | Road, brs. NW. and SE. |
| 80.00 | The 1/16 sec. cor. No. 17 bet. secs. 9 and 10, S½. |
| | <p>Land, level. Soil, sandy loam, 1st rate. Open brush of sage, scattered mesquite and chaparral, full distance.</p> |
| <hr style="border-top: 1px dashed black;"/> | |
| | <p>From the 1/16 sec. cor. No. 13 bet secs. 9 and 10, S½, I run</p> <p>N. 89° 55' W. on a random line through the S½ of sec. 9, Setting temp. cors. at intervals of 20 chs.</p> |
| 79.96 | Fall 2 lks. S. of 1/16 sec. cor. No. 13 bet. secs. 8 and 9, S½. |
| | Thence I run |
| | S. 89° 54' E. on a true line through the S½ of sec. 9, Over level land, through brush. |
| 19.99 | Set an iron post for 1/16 sec. cor. No. 16 in the SW¼ of sec. 9, with cap stamped |
| | <p>1/16 S 9 in N. No 16 1911 " S.</p> <p>Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist. and raise mound of earth 3½ ft. base, 1½ ft. high, N. of cor.</p> |
| 24.95 | Road, brs. SE. and NW. |
| 32.00 | Road, brs. SE. and NW. |
| 39.98 | Set an iron post for 1/16 sec. cor. No. 15 bet. the SE¼ and SW¼ of sec. 9, with cap stamped |
| | <p>1/16 S 9 in N. No 15 1911 " S.</p> <p>Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise mound of earth 3½ ft. base, 1½ ft. high, N. of cor.</p> |
| 59.97 | Set an iron post for 1/16 sec. cor. No. 14 in the SE¼ of sec. 9, with cap stamped |
| | <p>1/16 S 9 in N. No 14 1911 " S.</p> <p>Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise mound of earth 3½ ft. base, 1½ ft. high, N. of cor.</p> |
| 73.95 | Road, brs. SE. and NW. |
| 79.96 | The 1/16 sec. cor. No. 13 bet. secs. 9 and 10, S½. |

Chains

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

- From the 1/16 sec. cor. No. 12 bet. secs. 9 and 10, S $\frac{1}{2}$,
I run
- N. 89° 55' W. on a random line through the S $\frac{1}{2}$ of sec. 9,
Setting temp. cors. at intervals of 20 chs.
- 79.96 Fall 5 lks. S. of 1/16 sec. cor. No. 12 bet. secs. 8 and
9, S $\frac{1}{2}$.
- Thence I run
- S. 89° 53' E. on a true line through the S $\frac{1}{2}$ of sec. 9,
Over level land, through open brush.
- 11.00 Road, brs. SE. and NW.
- 19.99 Set an iron post for 1/16 sec. cor. No. 9 in the SW $\frac{1}{4}$
of sec. 9, with cap stamped
- 1/16 S 9 in N.
No 9 1911 " S.
- 24.00 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.
Road, brs. N. and S.
- 39.98 Set an iron post for 1/16 sec. cor. No. 10 bet. the SE $\frac{1}{4}$
and SW $\frac{1}{4}$ of sec. 9, with cap stamped
- 1/16 S 9 in N.
No 10 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.
- 59.97 Set an iron post for 1/16 sec. cor. No. 11 in the SE $\frac{1}{4}$
of sec. 9, with cap stamped
- 1/16 S 9 in N.
No 11 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.
- 62.00 Road, brs. NW. and SE.
- 68.00 Road, brs. N. 80° E. and S. 80° W.
- Also, wash, course N. 80° E.
- 79.80 Wash, course N. 85° E.
- 79.96 The 1/16 sec. cor. No. 12 bet. secs. 9 and 10, S $\frac{1}{2}$.
- Land, level.
Soil, sandy loam, 1st rate.
Open brush of sage and scattered mesquite, full distance.

Subdivision of T. 5 S., R. 7 E.

Chains

From the 1/4-sec. cor. bet. secs. 9 and 10, I run
N. 89° 55' W. on a random line through the middle of
sec. 9,

Setting temp. cors. at intervals of 20 chs.

79.96 Fall 7 lks. S. of the 1/4-sec. cor. bet. secs. 8 and 9.

Thence I run

S. 89° 52' E. on a true line through the middle of sec.
9,

Over level land, through open brush.

1.95 Wash, course N. 60° E.

19.99 Set an iron post for 1/16 sec. cor. No. 8 bet. the NW 1/4
and SW 1/4 of sec. 9, with cap stamped

1/16 S 9 in N.
No 8 1911 " 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 Road, brs. N. and S.

39.98 Set an iron post for center 1/4-sec. cor. of sec. 9, with
cap stamped

C 1/4 S 9 in N.
1911 " S.

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

50.00 Road, brs. SE. from N.

59.97 Set an iron post for 1/16 sec. cor. No. 7 bet. the NE 1/4
and SE 1/4 of sec. 9, with cap stamped

1/16 S 9 in N.
No 7 1911 " S.

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

74.00 wash, course N. 60° E.

79.96 The 1/4-sec. cor. bet. secs. 9 and 10.

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

From the 1/16 sec. cor. No. 6 bet. secs. 9 and 10, N 1/2,
I run

N. 89° 55' W. on a random line through the N 1/2 of sec. 9,

Setting temp. cors. at intervals of 20 chs.

79.92 Fall 2 lks. S. of 1/16 sec. cor. No. 6 bet. secs. 8 and
9, N 1/2.

Subdivision of T. 5 S., R. 7 E.

Chains

Thence I run

S. 89° 54' E. on a true line through the N $\frac{1}{2}$ of sec. 9,

Over level land, through open brush,

19.98 Set an iron post for 1/16 sec. cor. No. 3 at the center of the NW $\frac{1}{4}$ of sec. 9, with cap stamped

1/16 S 9 in N.
No 3 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.

23.92 Road, brs. N. and S.

35.92 Dry wash, forks from N. 60° W. and S. 60° E. to East.

Thence along bed.

39.96 Set an iron post for 1/16 sec. cor. No. 4 bet. the NE $\frac{1}{4}$ and NW $\frac{1}{4}$ of sec. 9, with cap stamped

1/16 S 9 in N.
No 4 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.

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

55.90 Leave bed of dry wash, course N. 60° E.

59.94 set an iron post for 1/16 sec. cor. No. 5 at the center of the NE $\frac{1}{4}$ of sec. 9, with cap stamped

1/16 S 9 in N.
No 5 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.

69.90 Same wash, course NE.

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

Land, level.

Soil, sandy loam, 1st rate.

Open brush of sage, scattered mesquite, full distance.

- April 16, 1911.

April 15, 1911, at 8h., a.m., 1.m.t., I set off 33° 2' N. on the latitude arc, 9° 32' N. on the decl. arc, and determine a meridian with the solar at the cor. of secs. 4, 5, 32 and 33, on the N. bdy. of the tp.

Thence I run

S. 0° 1' W. bet. secs. 4 and 5,

Over rolling land, through open 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.
S 4 " E.
No 6 1911 " S.

Chains

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.

40.00 Set an iron post for ¼-sec. cor. bet. secs. 4 and 5, with cap stamped

¼ S 5 in W.
S 4 " E.
1911 " S.

Build stone mound 2 ft. base, 1 ft. high, W. of post.

Cor. falls on top of ridge, brs. NW. and SE.

41.85 begin descent of S. slope.

50.00 Foot of descent, brs. E. and W. Thence over level land.

60.00 Set an iron post for 1/16 sec. cor. No. 12 bet. secs. 4 and 5, S½, with cap stamped

1/16 S 5 in W.
S 4 " E.
No 12 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.

80.00 Set an iron post for cor. of secs. 4, 5, 8 and 9, with cap stamped

T 5 S S 4 in NE.
R 7 E S 9 " SE.
S 8 " SW.
S 5 " NW.
1911 " S.

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

From which -

Palo fierro tree, 8 ins. in diam., brs. S. 42° 30' W., 75 lks. dist., mkd. T 5 S R 7 E S 8 B T

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

Land, rolling and level.

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

Open brush of sage, chaparral, palo verde, and palo fierro, full distance.

- April 15, 1911.

April 16, 1911. -

From the 1/16 sec. cor. No. 12 bet. secs. 3 and 4, S½, I run

West on a random line through the S½ of sec. 4,

Setting temp. cors. at intervals of 20 chs.

79.96 Fall 10 lks. S. of 1/16 sec. cor. No. 12 bet. secs. 4 and 5, S½.

Thence I run

S. 89° 56' E. on a true line through S½ of sec. 4,

Over level land, through scattered brush and timber.

Chains

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

1/16 S 4 in N.
No 9 1911 " S.

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

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

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

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

1/16 S 4 in N.
No 10 1911 " 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.

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

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

70.00 Wash, course N. 45° E.

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

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

From the 1/4-sec. cor. bet. secs. 3 and 4, I run West on a random line through the middle of sec. 4, Setting temp. cors. at intervals of 20 chs.

80.00 Fall 7 lks. S. of 1/4-sec. cor. bet. secs. 4 and 5.

Thence I run

S. 89° 57' E. on a true line through the middle of sec. 4, Along N. slope of mountains

3.75 begin descent of E. slope of mountain.

19.00 Foot of mountain, brs. NW. and SE.

Thence over level land, through scattered brush.

19.50 Road, brs. N. and S.

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

1/16 S 4 in N.
No 8 1911 " S.

| Chains | |
|--------|---|
| | Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise mound of earth 3½ ft. base, 1½ ft. high, N. of cor. |
| 40.00 | Set an iron post for center ¼-sec. cor. of sec. 4, with cap stamped C ¼ S 4 in N. 1911 " 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. |
| 60.00 | Set an iron post for 1/16 sec. cor. No. 7 bet. the NE¼ and SE¼ of sec. 4, with cap stamped 1/16 S 4 in N. No 7 1911 " S. |
| | Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise mound of earth 3½ ft. base, 1½ ft. high, N. of cor. |
| 63.00 | Wash, course NE. |
| 80.00 | The ¼-sec. cor. bet. secs. 3 and 4. |
| | Land, first 19.00 chs., rough and rocky; balance, level. Soil, sandy, 1st rate, and rocky, 3rd rate. Scattered brush of sage and chaparral, full distance. |
| ----- | |
| | From the 1/16 sec. cor. No. 6 bet. secs. 3 and 4, N½, I run, West on a random line through the N½ of sec. 4, Setting temp. cors. at intervals of 20 chs. 79.96 Fall 12 lks. S. of 1/16 sec. cor. No. 6 bet. secs. 4 and 5, N½. Thence I run S. 89° 55' E. on a true line through N½ of sec. 4, Over level land, through open brush. |
| 12.00 | Road, brs. N. 45° W. and S. 45° E. |
| 19.99 | Set an iron post for 1/16 sec. cor. No. 3 at the center of the NW¼ of sec. 4, with cap stamped 1/16 S 4 in N. No 3 1911 " S. |
| | Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise mound of earth 3½ ft. base, 1½ ft. high, N. of cor. |
| 39.98 | Set an iron post for 1/16 sec. cor. No. 4 bet. the NE¼ and NW¼ of sec. 4, with cap stamped 1/16 S 4 in N. No 4 1911 " S. |
| | Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise mound of earth 3½ ft. base, 1½ ft. high, N. of cor. |
| 59.97 | Set an iron post for 1/16 sec. cor. No. 5 at the center |

Chains

of the NE $\frac{1}{4}$ of sec. 4, with cap stamped

1/16 S 4 in N.
No 5 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.

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

Land, level.
Soil, sandy loam, 1st rate.
Open brush of sage and palo verde, full distance.

- April 16, 1911.

April 15, 1911. -

From the cor. of secs. 4, 5, 8 and 9, I run

West on a random line bet. secs. 5 and 8.

40.00 Set temp. $\frac{1}{4}$ -sec. cor.80.00 Fall 4 lks. S. of cor. of secs. 5, 6, 7 and 8, (described
on page 57).

Thence I run

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

Over level land, through open brush.

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

32.00 Wash, course NE.

40.00 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.
S 8 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 Road, brs. NW. and SE.

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

Land, level and rolling.
Soil, sandy loam, 1st and 2nd rate.
Open brush of sage, chaparral, scattered mesquite, palo
verde, and palo fierro, full distance.

- April 15, 1911.

April 14, 1911, at the cor. of secs. 5, 6, 7 and 8, I
set off 9° 13' N. on the decl. arc, and at apparent
noon, observe the sun on the meridian; the resulting
latitude is 33° 1' N., which is correct.

April 14, 1911. -

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

S. 0° 1' W. bet. secs. 7 and 8,

Subdivision of T. 5 S., R. 7 E.

| | |
|--------|---|
| Chains | Over rolling and broken land, Through open brush. |
| 14.40 | Wash, course NE. |
| 20.40 | Wash, course NE. |
| 24.40 | Wash, course NE. |
| 26.00 | Bend in wash, course NE. from SE. |
| 30.40 | Wash, course NE. |
| 32.40 | Begin ascent of rocky spur. |
| 40.00 | Set an iron post for $\frac{1}{4}$ -sec. cor. bet. secs. 7 and 8, with cap stamped |
| | $\frac{1}{4}$ S 7 in W. S 8 " E. 1911 " S. |
| | Build mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor. |
| 40.40 | Summit of rocky spur, brs. N. 30° E. and S. 30° W. Thence descend. |
| 46.40 | Bed of gulch, course N. 30° E. Thence ascend. |
| 59.20 | Summit of spur, brs. E. and W. Thence descend. |
| 68.40 | Foot of descent, brs. E. and W. |
| 69.90 | Head of gulch, course N. |
| 71.46 | Head of gulch, course N. |
| 73.40 | Head of gulch, course N. |
| 78.40 | Wash, course NE. Thence ascend. |
| 80.00 | Set an iron post for $\frac{1}{4}$ -sec. cor. bet. secs. 7 and 8 (S), with cap stamped |
| | $\frac{1}{4}$ S 7 in W. S 8 " E. 1911 " S. |
| | Build mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor. |
| 82.40 | Summit of ridge, brs. E. and W. Thence descend. |
| 88.40 | Enter wash, from N. 30° W. |
| 90.40 | Leave wash, course S. 30° W. |
| 100.40 | Gulch, course S. 30° W., at foot of descent, brs. N. 30° E. and S. 30° W. |

Chains

N. Bdy. Section 17

108.15 Intersect ~~S. bdy. of Gila River Indian Res'n~~, 32.05
chs. S. $89^{\circ} 18'$ W. of old $\frac{1}{4}$ -sec. cor. bet. secs. 8
and 17, which now refers to sec. 17 only.

Set an iron post for C. C. of secs. 7 and 8, with cap
stamped

T 5 S 8 8 in NE.
R 7 E 8 7 " NW.
C C G R I R " N.
P L 1911 " S.
5 notches on the E. and 1 on the W. edge.

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

Land, broken and rolling. -
Soil, sandy and stony, 3rd rate.
Scattered brush of chaparral, palo verde, full distance.

- April 14, 1911.

See p. 22 Book
F under Grp 98
for remarking
this corner post.

April 15, 1911. -

From the $\frac{1}{4}$ -sec. cor. bet. secs. 5 and 8, I run
S. $0^{\circ} 1'$ W. on a random line through the middle of sec.
8.

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

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

108.27 Fall 2 lks. E. of point for $\frac{1}{4}$ -sec. cor. on S. bdy. of
sec. 8, on S. bdy. of Gila River Indian Res'n, which
point is 7.97 chs. N. $89^{\circ} 17'$ E. of old $\frac{1}{4}$ -sec. cor.
bet. secs. 8 and 17, but which now refers to sec. 17
only.

Move temp. C. $\frac{1}{4}$ -sec. cor. 1 lk. W.

From the $\frac{1}{4}$ -sec. cor. bet. secs. 8 and 9, I run
N. $89^{\circ} 58'$ W. on a random line through the middle of
sec. 8.

40.04 Fall 18 lks. S. of temp. C. $\frac{1}{4}$ -sec. cor.

80.08 Fall 14 lks. S. of $\frac{1}{4}$ -sec. cor. bet. secs. 7 and 8.

(Point for C. $\frac{1}{4}$ -sec. cor. is therefore 11 lks. S. $0^{\circ} 2'$
W. of temp. cor.)

Thence I run
S. $89^{\circ} 52'$ E. on a true line through middle of sec. 8,
Over rolling land, through scattered brush.

6.00 Enter wash, course E. from S.

16.00 Leave wash, course NE.

30.50 Wash, course NE.

34.50 Wash, course NE.

39.25 Summit of ridge, brs. N. and S.

Thence descend.

Chains

40.04 Set an iron post for center $\frac{1}{4}$ -sec. cor. of sec. 8, with cap stamped

C $\frac{1}{4}$ S 3 in N.
1911 " S.

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

45.50 Foot of descent, brs. N. and S.

50.00 Road, brs. NW. and SE.

74.00 Wash, course NE.

76.00 Road, brs. NW. and SE.

78.00 Wash, course from W. to N.

80.08 (40.04) The $\frac{1}{4}$ -sec. cor. bet. secs. 8 and 9.

Land, rolling.
Soil, sandy, 2nd rate.
Open brush of chaparral, palo verde and palo fierro,
with a scattering of mesquite and sage, full distance.

Returning to the $\frac{1}{4}$ -sec. cor. bet. secs. 5 and 8, thence
I run

S. $0^{\circ} 2'$ W. on a true line through the middle of sec. 8,
Over level and rolling land, through scattered brush.

10.00 Road, brs. NW. and SE.

18.00 Wash, course E.

32.00 Wash, course NE.

34.00 Begin ascent of rocky N. slope.

38.50 Peak, summit of ascent.

Thence descend steep SE. slope.

40.11 The center $\frac{1}{4}$ -sec. cor. of sec. 8.

48.00 Shallow gulch, course E.

Thence along NE. slope.

52.00 Summit of spur, brs. NE.

Thence along E. slope of spur.

58.00 Begin gradual descent of E. slope.

62.00 Spur, brs. E. and W.

Thence descent S. slope.

66.00 Foot of descent, brs. E. and W.

80.00 Set an iron post for a $\frac{1}{4}$ -sec. cor. bet. the $SE\frac{1}{4}$ and $SW\frac{1}{4}$
of sec. 8, on N. and S. center line, with cap stamped

$\frac{1}{4}$ S 8 in N.
1911 " S.

| | |
|--------|---|
| Chains | <p>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.</p> <p>93.00 Wash, course NE.</p> <p>95.00 Wash, course NE.</p> <p>100.20 Wash, course NE.</p> <p>106.00 Wash, course NE.</p> <p>107.90 Road, brs. N. 60° E. and S. 60° W.</p> <p>108.27 Set an iron post for closing ¼-sec. cor. of sec. 8, with cap stamped</p> <p style="text-align: center;">C C G R I R ¼ S S in N. P L 1911 in S.</p> <p>Land, gently rolling and broken. Soil, sandy and stony, 2nd and 3rd rate. Scattered brush of chaparral, palo verde, palo fierro, and sage, full distance.</p> <p style="text-align: right;">- April 15, 1911. -</p> |
|--------|---|

| | |
|---|--|
| <p>6.00</p> <p>8.00</p> <p>26.00</p> <p>32.00</p> <p>40.00</p> <p>80.00</p> | <p>April 14, 1911, at 8h., a.m., 1.m.t., I set off 33° 2' N. on the latitude arc, 9° 11' N. on the decl. arc, and determine a meridian with the solar at the cor. of secs. 5, 6, 31 and 32, on the N. bdy. of the tp.</p> <p>Thence I run</p> <p>S. 0° 1' W. bet. secs. 5 and 6,</p> <p>Over mountainous land, through chaparral and scattered palo verde brush.</p> <p>Set an iron post for ¼-sec. cor. bet. secs. 5 and 6, with cap stamped</p> <p style="text-align: center;">¼ S 6 in W. S 5 " E. 1911 " S.</p> <p>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.</p> <p>Set an iron post for cor. of secs. 5, 6, 7, and 8, with cap stamped</p> <p style="text-align: center;">T 5 S S 5 in NE. R 7 E S 8 " SE. S 7 " SW. S 6 " NW. 1911 " S. 5 notches on the S. and 5 on the E. edge.</p> <p>Dig pits 18x18x12 ins. in each sec. 5½ ft. dist.; and raise mound of earth 4 ft. base, 2 ft. high, W. of cor.</p> |
|---|--|

Chains

Land, mountainous.
Soil, stony and sandy, 3rd rate.
Open brush of chaparral and palo verde, full distance.

- April 14, 1911.

April 15, 1911. -

From the $\frac{1}{4}$ -sec. cor. bet. secs. 5 and 32, on the N. bdy.
of the tp., I run

S. $0^{\circ} 1'$ W. on a random line through the middle of sec. 5.

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

80.08 Intersect $\frac{1}{4}$ -sec. cor. bet. secs. 5 and 8.

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

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

40.03 Fall 12 lks. S. of temp. C. $\frac{1}{4}$ -sec. cor.

80.00 Fall 4 lks. S. of $\frac{1}{4}$ -sec. cor. bet. secs. 5 and 6.

(Point for C. $\frac{1}{4}$ -sec. cor. is therefore 10 lks. S. $0^{\circ} 1'$
W. of temp. cor.)

Thence I run

S. $89^{\circ} 58'$ E. on a true line through middle of sec. 5,

Over rolling land, through open brush.

13.00 Road, brs. NW. and SE.

22.00 Wash, course NW.

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

C $\frac{1}{4}$ S 5 in N.
1911 " 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 Begin ascent of steep SW. slope.

54.00 Spur, brs. N. and S.

Thence descend.

59.00 Gulch, course SW.

Thence ascend.

64.00 Summit of slope or spur, brs. N. and S.

Thence descend.

72.50 Gulch, course S.

Thence ascend.

75.20 Top of ridge, brs. N. and S.

Chains

80.00 (40.03) The 1/4-sec. cor. bet. secs. 4 and 5.

Land, rolling.
Soil, sandy, 2nd rate; and sandy loam, 1st rate.
Open brush of sage, chaparral, palo verde and palo fierro, full distance.

Returning to the 1/4-sec. cor. bet. secs. 5 and 32, on the N. bdy. of the tp., thence I run

S. 0° 1' W. on a true line through middle of sec. 5,

Over level land, through open brush.

10.00 Begin ascent of rocky NE. slope.

12.00 Spur, brs. NE. and SW.

24.96 Top of ridge, brs. E. and W.

Thence descend.

32.00 Foot of descent, brs. E. and W.

Thence ascend along E. slope.

35.00 Summit of spur, brs. E. and W.

40.10 The center 1/4-sec. cor. of sec. 5.

52.50 Wash, course S. 60° E.

53.00 Wash, course NE.

74.00 Wash, course NE.

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

80.08 (39.98) The 1/4-sec. cor. bet. secs. 5 and 8.

Land, gently rolling and broken.
Soil, sandy and stony, 3rd rate.
Open brush of chaparral, sage, and palo verde, full distance.

- April 15, 1911.

April 14, 1911. -

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

West on a random line bet. secs. 6 and 7.

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

80.00 Fall 23 lks. S. of cor. of secs. 1, 6, 7 and 12, on the W. bdy. of the tp.

Thence I run

S. 80° 30' E. on a true line bet. secs. 6 and 7,

Over rolling, broken land, through scattered brush.

3.00 Gulch, course S.

Chains

5.20 Summit of high peak.
Thence descend rocky NE. slope.

12.00 Enter deep gorge, course SE.
Thence abrupt descent.

18.50 Bed of gorge, course SE.
Thence ascend abrupt slope.

26.70 Summit of spur, brs. NW. and SE.
Thence descend rocky SE. slope.

35.50 Foot of descent.
Thence over gentle NE. slope.

39.60 Road, brs. NE. and SW.

40.00 Set an iron post for $\frac{1}{4}$ -sec. cor. bet. secs. 6 and 7,
with cap stamped
 $\frac{1}{4}$ S 6 in N.
S 7 1911 in S.

From which -
Palo verde tree, 12 ins. in diam., brs. N. $14\frac{1}{2}^{\circ}$ E.,
38 lks. dist., mkd. $\frac{3}{4}$ S 6 B T

Dig pits 18x18x12 ins. E. and W. of post 5 ft. dist.; and
raise mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, N. of cor.

60.00 The cor. of secs. 5, 6, 7 and 8.
Land, rolling and mountainous.
Soil, sandy and stony, 3rd rate.
Open brush of chaparral and palo verde, full distance.

NOTE:

The interior of sec. 7 is a barren, mountainous region, unfit for agricultural or grazing purposes. It is composed entirely of steep rocky peaks, and deep rough gorges. I therefore run no interior subdivisional lines in this sec.

From the $\frac{1}{4}$ -sec. cor. bet. secs. 6 and 31, on the N. bdy. of the tp., I run
S. $0^{\circ} 1'$ W. on a random line through the middle of sec. 6.

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

79.95 Fall 30 lks. E. of $\frac{1}{4}$ -sec. cor. bet. secs. 6 and 7.
Move temp. C. $\frac{1}{4}$ -sec. cor. 15 lks. W.
From the $\frac{1}{4}$ -sec. cor. bet. secs. 5 and 6, I run
West on a random line through middle of sec. 6.

Chains

40.06 Fall 5 lks. S. of temp. C. $\frac{1}{4}$ -sec. cor.
 79.92 Fall 4 lks. S. of $\frac{1}{4}$ -sec. cor. bet. secs. 1 and 6, on
 the W. bdy. of the tp.
 (Point for C. $\frac{1}{4}$ -sec. cor. is therefore 3 lks. N. $0^{\circ} 14'$
 E. of temp. cor.)

Thence I run

S. $89^{\circ} 58'$ E. on a true line through middle of sec. 3,
 Over rolling and broken land, through scattered brush.

2.00 Wash, course N. 30° W.

8.90 Wash, course N.

39.86 Set an iron post for center $\frac{1}{4}$ -sec. cor. of sec. 6, with
 cap stamped

C $\frac{1}{4}$ S 6 in N.
 1911 " S.

From which -

Palo verde tree, 12 ins. in diam., brs. S. $32\frac{1}{2}^{\circ}$ E.,
 47 lks. dist., mkd. C $\frac{1}{4}$ S 6 B T

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

50.00 Road, brs. NW. and SE.

51.00 Wash, course N.

60.00 Wash, course N. 30° W.

65.00 Road, brs. NE. and SW.

73.00 Wash, course NE.

79.92 (40.06) The $\frac{1}{4}$ -sec. cor. bet. secs. 5 and 6.

Land, rolling and broken.
 Soil, sandy and stony, 3rd rate.
 Scattered brush of chaparral and palo verde, full dist-
 ance.

Returning to the $\frac{1}{4}$ -sec. cor. bet. secs. 6 and 31, on the
 N. bdy. of the tp., thence I run

S. $0^{\circ} 14'$ W. on a true line through the middle of sec. 6,
 Over broken and mountainous land,
 Through scattered brush.

39.97 The center $\frac{1}{4}$ -sec. cor. of sec. 6.

Thence ascend gentle slope.

66.45 Top of ridge, brs. E. 60° E. and W. 60° W.

Thence descend.

71.95 Foot of descent; thence over level land.

Chains

74.95 Road, bra. N. 30° E. and S. 30° W.

79.95 (39.98) The $\frac{1}{4}$ -sec. cor. bet. secs. 6 and 7.

Land, broken and rolling.
Soil, sandy and stony, 3rd rate.
Scattered brush of chaparral, and palo verde, full
distance.

- April 14, 1911.

GENERAL DESCRIPTION.

This township consists principally of level land, with mountainous and broken land in the Western portion. The soil ranges from sandy loam, 1st rate, to stony, 3rd rate. An excellent mesquite forest lies in the eastern portion.

A village of Papago Indians is located in sec. 10, which extends partially off the Reservation bdy. on to public lands. There are no ~~any~~ other Indian settlements in the township.

Several washes head in the Eastern portion. These are not well defined however, but in a general way unite and form McClelland Wash.

Guy P. Harrington,

U. S. Surveyor.

List of Assistants in 1911:

Hugh M. Neighbour, Instrumentman
A. O. Stinson, Chainman
E. W. Hoagland "
J. W. Rodgers, Moundsman
Louis G. Hurst, Flagman
Clifford Mc Laughlin, Axeman

List of Assistants in 1912:

Thos. Allison, Chainman
John Evans, Chainman
Cyrus Thomas, Flagman
Juan E. Scott, Moundsman and Axeman

63

Washington, D.C., June 17, 1915

I hereby certify that the survey of the subdivision lines in T. 5 S., R. 7 E., within the Gila River Indian Reservation, Arizona, was made under my supervision and direction, and to the best of my knowledge and belief the field work was executed in strict accordance with the 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. Drumright
Topographer in Charge of
Indian Surveys.

CERTIFICATE OF ASSISTANTS.

We, the undersigned, hereby certify upon honor that we assisted, to the best of our skill and ability, _____, 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 columns: NAME, PERIOD OF SERVICE (BEGUN, ENDED), CAPACITY. The table contains 10 empty rows for recording assistant data.

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

44

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., Sept. 1, 1920

The foregoing field notes of the survey of subdivision lines in T. 5 S., R. 7 E., within the Gila River Indian Reservation, Arizona,

executed by Guy P. Harrington, U.S. Surveyor, 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) Clay Tallman
~~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.

[Signature]
~~U. S. Surveyor General~~
Commissioner of the General Land Office