

BOOK 3466

FIELD NOTES

OF ~~THE~~ THE Extension Survey and
Independent Resurvey of
Subdivision and Meander Lines

of

TOWNSHIP 3 SOUTH RANGE 3 EAST

Within the Gila River Indian Reservation

Of the Gila & Salt River Base and Meridian,

In the State of Arizona

EXECUTED BY

Robert A. Farmer, Topographer

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

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 April 26, 1911

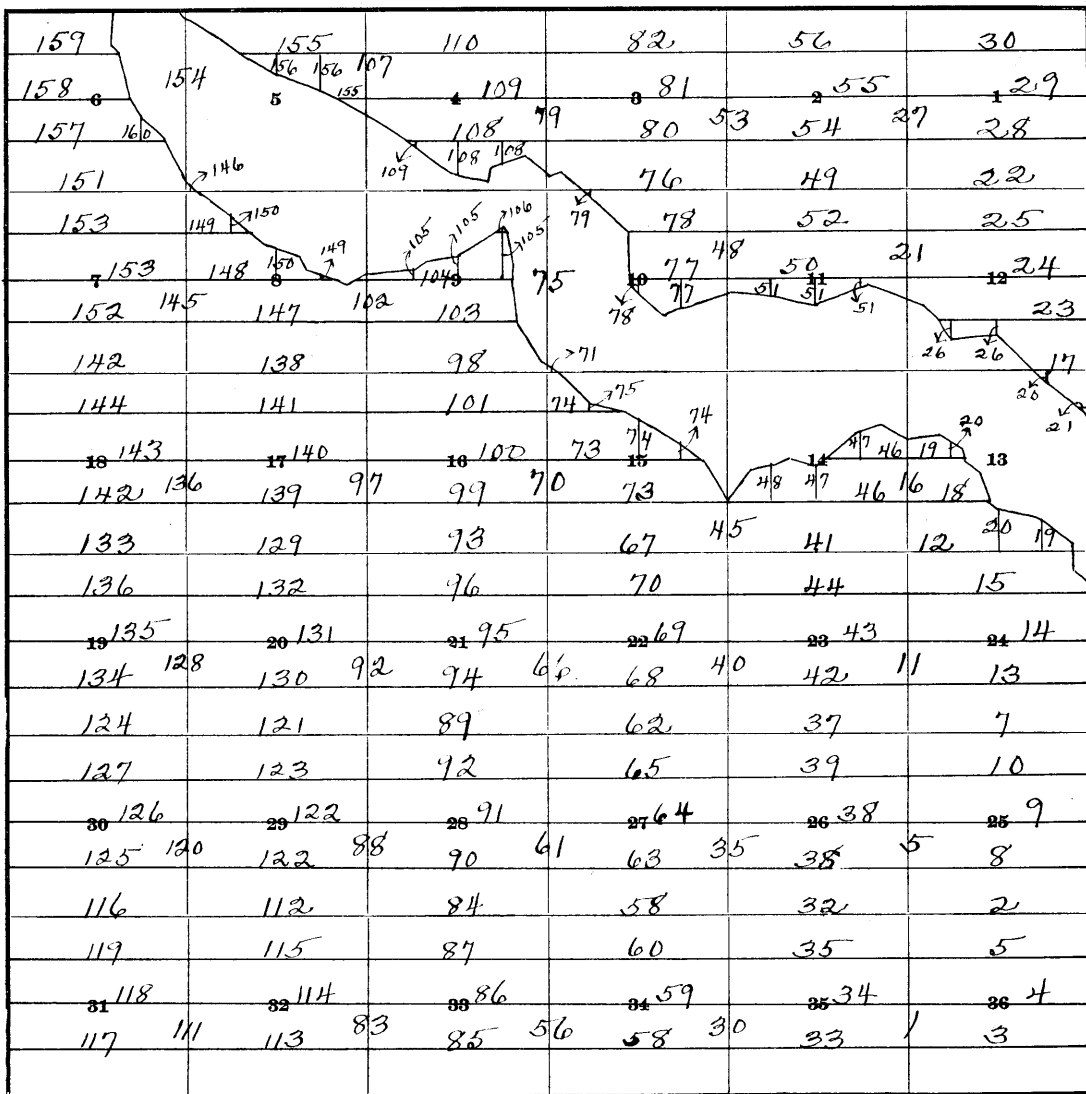
Survey completed May 10, 1911

11

BOOK 8466

INDEX DIAGRAM.

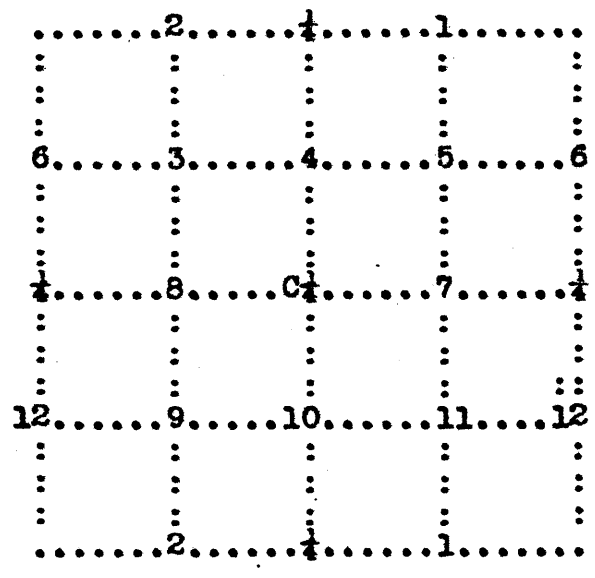
Township 3 South, Range 3 East



6-151

Meanders of Right Bank of Gila River, Pages 161 to 164
 Meanders of Left Bank of Gila River, Pages 165 to 170

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



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

Chains

Survey commenced April 26, 1911, by R. A. Farmer, Topographer, and executed with Young & Sons light mountain transits Nos. 8300 and 8248, 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.

The instruments were examined and tested on a meridian at Phoenix, Arizona, Dec. 1, 1910, and also at various times after on meridians established at camp, and found to be correct.

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

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

April 26, 1911. At 7.00 a.m., l.m.t., I set off 33° 07' on the lat. arc, 13° 18' N. on the decl. arc, and determine a meridian with the solar, at the cor. of secs. 1, 2, 35 and 36, on S. bdy. of Tp., previously described.

Thence I run

N. 0° 01' W. bet. secs. 35 and 36.

Over level land, through brush.

20.00 Set an iron post for 1/16 sec. cor. No. 12, bet. secs. 35 and 36, (S₁₆), stamped in cap

1/16 S 35 in W. half
S 36 in E. half
No 12 in N.
1911 in S.

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

40.00 Set an iron post for 1/4 sec. cor. bet. secs. 35 and 36, stamped in cap

1/4 S 35 in W. half
S 36 in E. half
1911 in S.

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

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

60.00 Set an iron post for 1/16 sec. cor. No. 6, bet. secs. 35 and 36 (N₁₆), stamped in cap

1/16 S 35 in W. half
S 36 in E. half
No 6 in N.
1911 in S.

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

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

Chains

80.00 Set an iron post for the cor. of secs. 25, 26, 35 and 36, stamped in cap

T 3 S S 25 in NE. quadrant
R 3 E S 36 in SE. quadrant
S 35 in SW. quadrant
S 26 in NW. quadrant

1911 in S.
1 notch on S. and 1 notch on E. edge

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

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

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

East on a random line bet. secs. 25 and 36.

20.00 Set temp. 1/16 sec. cor.

40.00 Set temp. ¼ sec. cor.

60.00 Set temp. 1/16 sec. cor.

80.04 Falls 4 lks. S. of the cor. of secs. 25, 30, 31 and 36, on E. bdy. of Tp., previously described.

Thence I run

S. 89° 58' W. on a true line bet. secs. 25 and 36.

Over level land, through brush.

20.01 Set an iron post for 1/16 sec. cor. No. 1, bet. secs. 25 and 36 (E½), stamped in cap

No 1 1/16 S 25 in N. half
S 36 1911 in S. half

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

40.02 Set an iron post for ¼ sec. cor. bet. secs. 25 and 36, stamped in cap

¼ S 25 in N. half
S 36 1911 in S. half

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

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

60.03 Set an iron post for 1/16 sec. cor. No. 2, bet. secs. 25 and 36 (W½), stamped in cap

No 2 1/16 S 25 in N. half
S 36 1911 in S. half

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.;

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

Chains

and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high,
N. of cor.

80.04 The cor. of secs. 25, 26, 35 and 36.

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

From the $1/16$ sec. cor. No. 12, bet. secs. 35 and 36 ($S\frac{1}{4}$)
I run

East on a random line through the middle of the S. half of
sec. 36.

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

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

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

80.00 Intersect the $1/16$ sec. cor. No. 12, bet. secs. 31 and 36
($S\frac{1}{4}$), on E. bdy. of Tp., previously described.

Thence I run

West on a true line through the middle of the S. half of
sec. 36.

Over level land, through brush.

20.00 Set an iron post for the $1/16$ sec. cor. No. 11, in the
center of the $SE\frac{1}{4}$ of sec. 36, stamped in cap

No 11 in N.
 $1/16$ S 36 in center
1911 in S.

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

40.00 Set an iron post for the $1/16$ sec. cor. No. 10, bet. the
SE. and SW. quarters of sec. 36, stamped in cap

No 10 in N.
 $1/16$ S 36 in center
1911 in S.

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

60.00 Set an iron post for $1/16$ sec. cor. No. 9, in the center
of the $SW\frac{1}{4}$ of sec. 36, stamped in cap

No 9 in N.
 $1/16$ S 36 in center
1911 in S.

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

80.00 The $1/16$ sec. cor. bet. secs. 35 and 36 ($S\frac{1}{4}$).

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

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

Chains

From the $\frac{1}{4}$ sec. cor. bet. secs. 35 and 36, I run
 East on a random line through the middle of sec. 36.

20.00 Set temp. $\frac{1}{16}$ sec. cor.

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

60.00 Set temp. $\frac{1}{16}$ sec. cor.

80.00 Intersect the $\frac{1}{4}$ sec. cor. bet. secs. 31 and 36, on E. bdy.
 of Tp., previously described.

Thence I run
 West on a true line through the middle of sec. 36.
 Over level land, through brush.

20.00 Set an iron post for $\frac{1}{16}$ sec. cor. No. 7, bet. the NE.
 and SE. quarters of sec. 36, stamped in cap

No 7 in N.
 $\frac{1}{16}$ S 36 in center
 1911 in S.

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

40.00 Set an iron post for the center $\frac{1}{4}$ sec. cor. of sec. 36,
 stamped in cap

C $\frac{1}{4}$ S 36 in center
 1911 in S.

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

60.00 Set an iron post for $\frac{1}{16}$ sec. cor. No. 8, bet. the NW.
 and SW. quarters of sec. 36, stamped in cap

No 8 in N.
 $\frac{1}{16}$ S 36 in center
 1911 in S.

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

80.00 The $\frac{1}{4}$ sec. cor. bet. secs. 35 and 36.

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

From the $\frac{1}{16}$ sec. cor. No. 6, bet. secs. 35 and 36 ($N\frac{1}{2}$),
 I run
 East on a random line through the middle of the N. half of
 sec. 36.

20.00 Set temp. $\frac{1}{16}$ sec. cor.

40.00 Set temp. $\frac{1}{16}$ sec. cor.

60.00 Set temp. $\frac{1}{16}$ sec. cor.

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

Chains

80.04 Intersect the 1/16 sec. cor. No. 6, bet. secs. 31 and 36 (N $\frac{1}{2}$), on E. bdy. of Tp.

Thence I run

West on a true line through the middle of the N. half of sec. 36.

Over level land, through brush.

20.01 Set an iron post for the 1/16 sec. cor. No. 5, in the center of the NE $\frac{1}{4}$ of sec. 36, stamped in cap

No 5 in N.
1/16 S 36 in center
1911 in S.

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

40.02 Set an iron post for the 1/16 sec. cor. No. 4, bet. the NE. and NW. quarters of sec. 36, stamped in cap

No 4 in N.
1/16 S 36 in center
1911 in S.

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

60.03 Set an iron post for 1/16 sec. cor. No. 3, in the center of the NW $\frac{1}{4}$ of sec. 36, stamped in cap

No 3 in N.
1/16 S 36 in center
1911 in S.

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

80.04 The 1/16 sec. cor. No. 6, bet. secs. 35 and 36. (N $\frac{1}{2}$).

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

April 25, 1911. At the cor. of secs. 25, 26, 35 and 36, I set off 13° 21' N. on the decl. arc, and at 11h 57m 54s a.m., l.m.t., observe the sun on the meridian; the resulting lat. is 33° 08', which is within one minute of the proper lat.

Thence I run

N. 0° 01' W, bet. secs. 25 and 26.

Over level land, through brush.

1.00 Wagon road, brs. N.23°43'E. and S.23°43'W.

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

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

17.00 Wash, 20 lks. wide, 2 ft. deep, course W.

20.00 Set an iron post for 1/16 sec. cor. No. 12, bet. secs. 25

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

Chains

and 26, stamped in cap

1/16 S 26 in W. half
S 26 in E. half
No 12 in N.
1911 in S.

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

22.70 Road, brs. NE. and SW.

38.00 Road, brs. E. and W.

40.00 Set an iron post for 1/4 sec. cor. bet. secs. 25 and 26,
stamped in cap

1/4 S 26 in W. half
S 25 in E. half
1911 in S.

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

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

60.00 Set an iron post for 1/16 sec. cor. No. 6, bet. secs. 25
and 26 (N 1/2), stamped in cap

1/16 S 26 in W. half
S 25 in E. half
No 6 in N.
1911 in S.

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

68.00 Begin steep ascent of butte, brs. E. and W.

74.00 Top of ascent, brs. E. and W. Begin descent.

77.00 Foot of descent, brs. E. and W.
Dry wash, 8 lks. wide, course NE.

80.00 Set an iron post for the cor. of secs. 23, 24, 25 and 26,
stamped in cap

T 3 S S 24 in NE. quadrant
R 3 E S 25 in SE. quadrant
S 26 in SW. quadrant
S 23 in NW. quadrant
1911 in S.

2 notches on S. and 1 notch on E. edge

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

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

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

N. 89° 58' E. on a random line bet. secs. 24 and 25.

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

Chains	
20.00	Set temp. 1/16 sec. cor.
40.00	Set temp. 1/4 sec. cor.
60.00	Set temp. 1/16 sec. cor.
80.00	Falls 2 lks. S. of the cor. of secs. 19, 24, 25 and 30, on E. bdy. of Tp., previously described.
	Thence I run
	S. 89° 57' W. on a true line bet. secs. 24 and 25.
	Over level land, through brush.
7.88	Enter corral, 75x100 lks.
8.12	Leave corral.
20.00	Set an iron post for 1/16 sec. cor. No. 1, bet. secs. 24 and 25, stamped in cap
	No 1 1/16 S 24 in N. half S 25 1911 in S. half
	Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise a mound of earth 3½ ft. base, 1½ ft. high, N. of cor.
40.00	Set an iron post for ¼ sec. cor. bet. secs. 24 and 25, stamped in cap
	¼ S 24 in N. half S 25 1911 in S. half
	Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise a mound of earth 3½ ft. base, 1½ ft. high, N. of cor.
	(After diligent search, no trace of the old ¼ sec. cor. is found).
50.60	Road, brs. N. and S.
51.65	Middle of Arizona Eastern R.R. track, brs. N. 4° 0' W. and S. 4° 0' E.
52.93	Telegraph line, brs. N. 4° W. and S. 4° E.
60.00	Set an iron post for 1/16 sec. cor. No. 2, bet. secs. 24 and 25 (W½), stamped in cap
	No 2 1/16 S 24 in N. half S 25 1911 in S. half
	Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise a mound of earth 3½ ft. base, 1½ ft. high, N. of cor.
61.50	Road, brs. N. and S.
68.00	Dry wash, 10 lks. wide, course NE.
71.00	Begin ascent of hill, brs. N. and S.
80.00	The cor. of secs. 23, 24, 25 and 26.
	Land, level.
	Soil, 2nd rate.
	Brush, sage and mesquite.

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

Chains	
	From the 1/16 sec. cor. No. 12, bet. secs. 25 and 26 (S $\frac{1}{2}$) I run
	N. 89° 58' E. on a random line through the middle of the S. half of sec. 25.
20.00	Set temp. 1/16 sec. cor.
40.00	Set temp. 1/16 sec. cor.
60.00	Set temp. 1/16 sec. cor.
80.00	Falls 5 lks. N. of the 1/16 sec. cor. No. 12, bet. secs. 25 and 30, on E. bdy. of Tp., previously described.
	Thence I run
	West on a true line through the middle of the S. half of sec. 25.
	Over level land, through brush.
20.00	Set an iron post for 1/16 sec. cor. No. 11, in the center of the SE $\frac{1}{4}$ of sec. 25, stamped in cap
	No 11 in N. 1/16 S 25 in center 1911 in S.
	Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise a mound of earth 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, N. of cor.
40.00	Set an iron post for 1/16 sec. cor. No. 10, bet. the SE. and SW. quarters of sec. 25, stamped in cap
	No 10 in N. 1/16 S 25 in center 1911 in S.
	Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise a mound of earth 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, N. of cor.
60.00	Set an iron post for 1/16 sec. cor. No. 9, in the center of the SW $\frac{1}{4}$ of sec. 25, stamped in cap
	No 9 in N. 1/16 S 25 in center 1911 in S.
	Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise a mound of earth 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, N. of cor.
69.10	Road, brs. N. 23° E. and S. 23° W.
72.50	Middle of Arizona Eastern R.R. track, brs. N.23°43'E. and S. 23°43'W.
75.55	Telegraph line, brs. N.23°43'E. and S.23°43'W.
80.00	The 1/16 sec. cor. No. 12, bet. secs. 25 and 26 (S $\frac{1}{2}$).
	Land, level. Soil, 2nd rate. Brush, mesquite and sage.

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

Chains	
	From the $\frac{1}{4}$ sec. cor. bet. secs. 25 and 26, I run N. 89° 58' E. on a random line through the middle of sec. 25.
20.00	Set temp. 1/16 sec. cor.
40.00	Set temp. center $\frac{1}{4}$ sec. cor.
60.00	Set temp. 1/16 sec. cor.
80.00	Falla 7 lks. S. of the $\frac{1}{4}$ sec. cor. bet. secs. 25 and 30, on E. bdy. of Tp., previously described.
	Thence I run S. 89° 55' W. on a true line through the middle of sec. 25.
	Over level land, through brush.
20.00	Set an iron post for 1/16 sec. cor. No. 7, bet. the NE. and SE. quarters of sec. 25, stamped in cap No 7 in N. 1/16 S 25 in center 1911 in S. Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, N. of cor.
20.60	Road, brs. NE. and SW.
40.00	Set an iron post for center $\frac{1}{4}$ sec. cor. of sec. 25, stamped in cap C $\frac{1}{4}$ S 25 in center 1911 in S. Dig pits 18x18x12 ins. E., W., and S. 3 ft., and N. of post 7 ft. dist.; and raise a mound of earth 4 ft. base, 2 ft. high, N. of cor.
60.00	Set an iron post for 1/16 sec. cor. No. 8, bet. the NW. and SW. quarters of sec. 25, stamped in cap No 8 in N. 1/16 S 25 in center 1911 in S. Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, N. of cor.
62.60	Road, brs. N.23°43'E. and S.23°43'W.
63.61	Middle of Arizona Eastern R.R. track, brs. N.23°43'E. and S. 23°43' W.
64.68	Telegraph line, brs. N.23°43'E. and S.23°43'W.
68.24	Road, brs. N. and S.
80.00	The $\frac{1}{4}$ sec. cor. bet. secs. 25 and 26. Land, level. Soil, 2nd rate. Brush, mesquite and sage.

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

Chains

From the 1/16 sec. cor. No. 6, bet. secs. 25 and 26 (N½)
I run

N. 89° 58' E. on a random line through the middle of the
N. half of sec. 25.

20.00 Set temp. 1/16 sec. cor.

40.00 Set temp. 1/16 sec. cor.

60.00 Set temp. 1/16 sec. cor.

80.00 Falls 2 lks. N. of the 1/16 sec. cor. No. 6, bet. secs. 25
and 30 (N½), on E. bdy. of Tp., previously described.

Thence I run

S. 89° 59' W. on a true line through the middle of the
N. half of sec. 25.

Over level land, through brush.

20.00 Set an iron post for 1/16 sec. cor. No. 5, in the center
of the NE¼ of sec. 25, stamped in cap

No 5 in N.
1/16 S 25 in center
1911 in S.

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

40.00 Set an iron post for 1/16 sec. cor. No. 4, bet. the NE.
and NW. quarters of sec. 25, stamped in cap

No 4 in N.
1/16 S 25 in center
1911 in S.

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

54.25 Wagon road, brs. N.23°43'E. and S.23°43'W.

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

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

60.00 Set an iron post for 1/16 sec. cor. No. 3, in the center
of the NW¼ of sec. 25, stamped in cap

No 3 in N.
1/16 S 25 in center
1911 in S.

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

63.00 Wagon road, brs. N. and S.

80.00 The 1/16 sec. cor. bet. secs. 25 and 26 (N½).

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

April 26, 1911.

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

Chains

April 27, 1911. At 7.00 a.m., l.m.t., I set off 33° 08' on the lat. arc, 13° 37' N. on the decl. arc, and determine a meridian with the solar, at the cor. of secs. 23, 24, 25 and 26.

Thence I run

N. 0° 01' W. bet. secs. 23 and 24.

Over rough, mountainous land, through brush, ascending.

8.00 Top of ascent, brs. NE. and SW. Begin descent.

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

20.00 Set an iron post for 1/16 sec. cor. No. 12, bet. secs. 23 and 24 (S 1/2), stamped in cap

1/16 S 23 in W. half
S 24 in E. half
No 12 in N.
1911 in S.

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

40.00 Set an iron post for the 1/4 sec. cor. bet. secs. 23 and 24, stamped in cap

1/4 S 23 in W. half
S 24 in E. half
1911 in S.

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

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

43.00 Road, brs. E. and W.

60.00 Set an iron post for 1/16 sec. cor. No. 6, bet. secs. 23 and 24, (N 1/2) stamped in cap

1/16 S 23 in W. half
S 24 in E. half
No 6 in N.
1911 in S.

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

63.11 Road, brs. E. and W.

80.00 Set an iron post for the cor. of secs. 13, 14, 23 and 24, stamped in cap

T 3 S S 13 in NE. quadrant
R 3 E S 24 in SE. quadrant
S 23 in SW. quadrant
S 14 in NW. quadrant

1911 in S.
3 notches on S. and 1 notch on E. edge

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

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

Chains

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

Land, level, 64.00 chs.; mountainous, 16.00 chs.
Soil, 2nd rate.
Brush, mesquite and sage.

N. 89° 57' E. on a random line bet. secs. 13 and 24.

20.00 Set temp. 1/16 sec. cor.

40.00 Set temp. 1/4 sec. cor.

60.00 Set temp. 1/16 sec. cor.

80.04 Falls 2 lks. N. of temp. cor. of secs. 13, 18, 19 and 24,
on E. bdy. of Tp., previously described.

Thence I run

S. 89° 58' W. on a true line bet. secs. 13 and 24.

Over river bed, through brush.

3.10 Road, brs. NE. and SW.

6.40 Left bank of Gila River, course NW.

Set an iron post for M.C. of frac. secs. 13 and 24,
stamped in cap

M C in E.
T 3 S S 24 in SW.
R 3 E S 13 in NW.
1911 in S.
3 notches on S.

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

Leave river bed; enter brush.

12.85 Road, brs. NW. and SE.

20.01 Set an iron post for 1/16 sec. cor. No. 1, bet. secs. 13
and 24 (E₂), stamped in cap

No 1 1/16 S 13 in N. half
S 24 1911 in S. half

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

40.02 Set an iron post for 1/4 sec. cor. bet. secs. 13 and 24,
stamped in cap

1/4 S 13 in N. half
S 24 1911 in S. half

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

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

46.00 Road, brs. N. and S. Leave timber.

56.60 Road, brs. N. and S.

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

Chains

57.27 West rail of Arizona Eastern R.R. track, brs. N. 4° W. and S. 4° E.

57.73 Telegraph line, brs. N.4°W. and S.4°E.

60.03 Set an iron post for 1/16 sec. cor. No. 2, bet. secs. 13 and 24 (W₁), stamped in cap

No 2 1/16 S 13 in N. half
S. 24 1911 in S. half

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

61.80 Road, brs. NW. and SE.

65.90 Road, brs. NW. and SE.

80.04 The cor. of secs. 13, 14, 23 and 24.

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

From the 1/16 sec. cor. No. 12, bet. secs. 23 and 24, I run

N. 89° 57' E. on a random line through the middle of the S. half of sec. 24,

20.00 Set temp. 1/16 sec. cor.

40.00 Set temp. 1/16 sec. cor.

60.00 Set temp. 1/16 sec. cor.

80.00 Falls 7 lks. N. of the 1/16 sec. cor. No. 12, bet. secs. 19 and 24, on E. bdy. of Tp., previously described.

Thence I run

West on a true line through the middle of the S. half of sec. 24.

Over level land, through brush.

1.50 Road, brs. N. and S.

5.50 Road, brs. NW. and SE.

11.50 Road, brs. N. and S.

20.00 Set an iron post for 1/16 sec. cor. No. 11, in the center of the SE₄ of sec. 24, stamped in cap

No 11 in N.
1/16 S 24 in center
1911 in S.

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

40.00 Set an iron post for 1/16 sec. cor. No. 10, bet. the SE. and SW. quarters of sec. 24, stamped in cap

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

Chains

No 10 in N.
1/16 S 24 in center
1911 in S.

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

46.27 Road, brs. N. and S.

53.06 Middle of Arizona Eastern R.R. track, brs. N.3°52'W., and
S.3°52'E.

53.56 Telegraph line, brs. N.3°52'W. and S.3°52'E.

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

60.00 Set an iron post for 1/16 sec. cor. No. 9, in the center
of the SW 1/4 of sec. 24, stamped in cap

No 9 in N.
1/16 S 24 in center
1911 in S.

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

80.00 The 1/16 sec. cor. No. 12, bet. secs. 23 and 24 (S 1/2).

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

From the 1/4 sec. cor. bet. secs. 23 and 24, I run
N. 89° 57' E. on a random line through the middle of
sec. 24.

20.00 Set temp. 1/16 sec. cor.

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

60.00 Set temp. 1/16 sec. cor.

80.04 Falls 2 lks. S. of the 1/4 sec. cor. bet. secs. 19 and 24,
on E. bdy. of Tp., previously described.

Thence I run
S. 89° 56' W. on a true line through the middle of sec. 24.
Over level land, through cultivated field.

4.00 Brush fence, brs. N. and S. Leave field; enter brush.

7.60 Road, brs. NW. and SE.

20.01 Set an iron post for 1/16 sec. cor. No. 7, bet. the NE.
and SE. quarters of sec. 24, stamped in cap

No 7 in N.
1/16 S 24 in center
1911 in S.

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

35.00 Road, brs. NE. and SW.

40.02 Set an iron post for center 1/4 sec. cor. of sec. 24,
stamped in cap

EDUCATION
BOOK 2400

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

Chains

C 1/4 S 24 in center
1911 in S.

Dig pits 19x18x12 ins. E., W., and S., 3 ft.; and N. of post 7 ft. dist.; and raise a mound of earth 4 ft. base, 2 ft. high, N. of cor.

- 44.30 Road, brs. N. and S.
- 53.50 West rail of Arizona Eastern R.R. track, brs. N. 4° W. and S. 4° E.
- 53.95 Telegraph line, brs. N. 4° W. and S. 4° E.
- 54.50 Road, brs. N. 4° W. and S. 4° E.
- 55.00 Enter mesquite timber, brs. NW. and SE.
- 58.00 Leave mesquite timber, brs. NW. and SE.
- 60.03 Set an iron post for 1/16 sec. cor. No. 8, bet. the NW. and SW. quarters of sec. 24, stamped in cap

No 8 in N.
1/16 S 24 in center
1911 in S.

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

- 80.04 The 1/4 sec. cor. bet. secs. 23 and 24.
Land, level. (Cultivated, 4.00 chs.)
Soil, 2nd rate.
Brush, sage and mesquite, 76.00 chs.

From the 1/16 sec. cor. No. 6, bet. secs. 23 and 24 (N 1/2), I run

N. 89° 57' E. on a random line through the middle of the N. half of sec. 24.

- 20.00 Set temp. 1/16 sec. cor.
- 40.00 Set temp. 1/16 sec. cor.
- 60.00 Set temp. 1/16 sec. cor.

- 80.08 Falls 4 lks. N. of 1/16 sec. cor. No. 6, bet. secs. 19 and 24, on E. bdy. of Tp., previously described.

Thence I run

S. 89° 59' W. on a true line through the middle of the N. half of sec. 24.

Over level land, through cultivated field.

- 6.70 Leave field, enter brush and mesquite timber, brs. NW. and SE.
- 8.00 Corral brs. N., 1.00 ch. dist.
- 9.00 Road, brs. N. and S.
- 18.00 Leave mesquite timber, brs. NW. and SE.

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

Chains

20.02 Set an iron post for 1/16 sec. cor. No. 5, in the center of the NE $\frac{1}{4}$ of sec. 24, stamped in cap

No 5 in N.
1/16 S 24 in center
1911 in S.

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

20.50 Road, brs. NW. and SE.

40.04 Set an iron post for 1/16 sec. cor. No. 4, bet. the NE. and NW. quarters of sec. 24, stamped in cap

No 4 in N.
1/16 S 24 in center
1911 in S.

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

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

54.00 Leave timber, brs. NW. and SE.

55.84 West rail of Arizona & Eastern R.R., brs. N. 4° W. and S. 4° E.

56.30 Telegraph line, brs. N. 4° W. and S. 4° E.

57.50 Road, brs. N. and S.

60.06 Set an iron post for 1/16 sec. cor. No. 3, in the center of the NW $\frac{1}{4}$ of sec. 24, stamped in cap

No 3 in N.
1/16 S 24 in center
1911 in S.

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

80.06 The 1/16 sec. cor. No. 6, bet. secs. 23 and 24 (N $\frac{1}{2}$).

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

April 27, 1911.

April 28, 1911. At 7.00 a.m., l.m.t., I set off 33° 09' on the lat. arc, 13° 56' N. on the decl. arc, and determine a meridian with the solar, at the cor. of secs. 13, 14, 23 and 24.

Thence I run

N. 0° 01' W. bet. secs. 13 and 14.

Over level land, through mesquite brush.

20.00 Set an iron post for 1/16 sec. cor. No. 12, bet. secs. 13 and 14 (S $\frac{1}{2}$), stamped in cap

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

Chains

1/16 S 14 in W. half
S 13 in E. half
No 12 in N.
1911 in S.

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

39.00 Leave mesquite, enter arrow weed brush, brs. E. and W.

40.00 Set an iron post for 1/4 sec. cor. bet. secs. 13 and 14,
stamped in cap

1/4 S 14 in W. half
S 13 in E. half
1911 in S.

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

52.60 Left bank of Gila River, course W.

Set an iron post for M.C. of frac. secs. 13 and 14,
stamped in cap

M C in N.
T 3 S S 14 in SW.
R 3 E S 13 in SE.
1911 in S.

1 notch on E. edge, from which

A cottonwood 18 ins. dia. brs. S. 53° 30' E., 25 lks. dist.
Mkd. T 3 S R 3 E S 13 M C B T.

(No other B.T. available).

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

60.00 Point for 1/16 sec. cor. No. 6, bet. secs. 13 and 14 (N 1/2),
falls in river.

80.00 Point for cor. of secs. 11, 12, 13 and 14, falls in river
bed. Set temp. stake.

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

From the cor. of secs. 7, 12, 13 and 18, on E. bdy. of Tp.,
I run

S. 89° 58' W. on a true line bet. secs. 12 and 13.

Over level land, through brush.

16.00 Ditch, 10 lks. wide, course SW.

20.00 Set an iron post post for 1/16 sec. cor. No. 1, bet. secs.
12 and 13 (E 1/2), stamped in cap

No 1 1/16 S 12 in N. half
S 13 1911 in S. half

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

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

Chains

23.60 Right bank of Gila River, course NW.

Set an iron post for M.C. of frac. secs. 12 and 13,
stamped in cap

M C in W.
T 3 S S 12 in NE.
R 3 E S 13 in SE.
1911 in S.
4 notches on S. edge

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

Land, level.
Soil, 2nd rate.
Brush, mesquite and arrow weed.

From the 1/16 sec. cor. No. 12, bet. secs. 13 and 14, (S $\frac{1}{2}$),
I run

N. 89° 58' E. on a true line through the middle of the S.
half of sec. 13.

Over level land, through brush.

9.00 Road, brs. N. and S.

10.00 Begin ascent, brs. N. and S.

14.80 Top of ascent; begin descent.

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

20.00 U.S.G.S. bench mark 1127, Datum Phoenix, brs. N.41°09'E.,
8.19 chs. dist.

Set an iron post for 1/16 sec. cor. No. 9, in the center
of the SW $\frac{1}{4}$ of sec. 13, stamped in cap

No 9 in N.
1/16 S 13 in center
1911 in S.

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

20.90 Telegraph line, brs. N. 4° W. and S. 4° E.

21.48 Middle of Arizona Eastern R.R., brs. N.4°W. and S.4°E.

30.00 Road, brs. N. and S.

38.74 Left bank of Gila River, course N.

Set an iron post for 1/16 M.C. of sec. 13, stamped in cap

M C in E.
1/16 S 13 in W.
1911 in S.

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

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

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

Chains

From the 1/4 sec. cor. bet. secs. 13 and 14, I run
N. 89° 58' E. on a true line through the middle of sec. 13.
Over level land, through brush.

11.50 Road, brs. N. and S.

20.00 Set an iron post for 1/16 sec. cor. No. 8, bet. the NW.
and SW. quarters of sec. 13, stamped in cap

No 8 in N.
1/16 S 13 in center
1911 in S.

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

25.42 Telegraph line, brs. N. 4° E. and S. 4° W.

25.62 Abuttment of west side of railroad bridge (Arizona-Eastern
Railroad).

25.84 Abuttment of east side of railroad bridge (Arizona-Eastern
Railroad).

26.42 Left bank of Gila River, course NW.

Set an iron post for 1/16 M.C. of sec. 13, stamped in cap

M C in E.
1/16 S 13 in W.
1911 in S.

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

Land, level.
Soil, 2nd rate.
Brush, mesquite and arrow weed.

From the 1/16 sec. cor. No. 1, bet. secs. 13 and 24 (E 1/4)
I run

North on a true line through the middle of the E. half of
sec. 13.

Over level land, through brush.

4.00 Road, brs. NW. and SE.

15.00 Left bank of Gila River, course NW.

Set an iron post for 1/16 M.C. of sec. 13, stamped in cap

M C in N.
1/16 S 13 1911 in S.

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

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

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

Chains

From the $\frac{1}{4}$ sec. cor. bet. secs. 13 and 24, I run North on a true line through the middle of sec. 13. Over level land, through brush.

10.00 Road, hrs. E. and W.

18.80 Left bank of Gila River, course W.

Set an iron post for 1/16 M.C. of frac. sec. 13, stamped in cap

M C in N.
1/16 S 13 1911 in S.

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

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

From the 1/16 sec. cor. No. 8, bet. the NW. and SW. quarters of sec. 13, I run

North on a true line through the W. half of sec. 13. Over level land, through brush.

11.40 Left bank of Gila River, course W.

Set an iron post for 1/16 M.C. of frac. sec. 13, stamped in cap

M C in N.
1/16 S 13 1911 in S., from which

A cottonwood 14 ins. dia. hrs. S. 81° E., 14 lks. dist.
Mkd. 1/16 S 13 M C B T.
A cottonwood 14 ins. dia. hrs. S. 40 $\frac{1}{2}$ ° W., 14 lks. dist.
Mkd. 1/16 S.13 M C B T.

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

From the 1/16 sec. cor. No. 1, bet. sec. 12 and 13 (E $\frac{1}{2}$) I run

South on a true line through the middle of the E. half of sec. 13.

Over level land, through brush.

4.80 The right bank of Gila River, course W.

Set an iron post for 1/16 M.C. of frac. sec. 13, stamped in cap

M C 1911 in S.
1/16 S 13 in N.

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

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

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

Chains

From the 1/16 sec. cor. No. 6, bet. secs. 13 and 18 (N $\frac{1}{2}$), on E. bdy. of Tp., I run

S. 89° 58' W. on a true line through the N. half of sec. 13.

Over level land, through brush.

.90 Road, brs. N. and S.

2.75 Right bank of Gila River, course W.

Set an iron post for 1/16 M.C. of frac. sec. 13, stamped in cap

M C in W.
1/16 S 13 in E.
1911 in S.

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

Land, level.

Soil, 2nd rate.

Brush, mesquite, sage and arrow weed.

From the point for the cor. of secs. 11, 12, 13 and 14, which falls in bed of Gila River, I run

N. 0° 01' W. bet. secs. 11 and 12.

Over level river bottom.

20.00 Point for 1/16 sec. cor. No. 12, bet. secs. 11 and 12 (S $\frac{1}{2}$) falls in river bed.

30.92 Right bank of Gila River, course W.

Set an iron post for M.C. of frac. secs. 11 and 12, stamped in cap

M C 1911 in S.
T 3 S S 12 in NE.
R 3 E S 11 in NW.
1 notch on E. edge

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

Enter brush.

40.00 Set an iron post for the $\frac{1}{4}$ sec. cor. bet. secs. 11 and 12, stamped in cap

$\frac{1}{4}$ S 11 in W. half
S 12 in E. half
1911 in S.

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

52.75 Road, brs. E. and W.

60.00 Set an iron post for 1/16 sec. cor. No. 6, bet. secs. 11 and 12 (N $\frac{1}{2}$), stamped in cap

BC 11, 1911

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

Chains

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

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

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

T 3 S S 1 in NE. quadrant
R 3 E S 12 in SE. quadrant
S 11 in SW. quadrant
S 2 in NW. quadrant
1911 in S.

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

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

Land, level; river bottom, 31.30 chs.
Soil, 2nd rate, 48.70 chs.; sandy, 31.30 chs.
Brush, mesquite, arrow weed and sage.

East on a random line bet. secs. 1 and 12.

20.00 Set temp. 1/16 sec. cor.

40.00 Set temp. 1/4 sec. cor.

60.00 Set temp. 1/16 sec. cor.

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

Thence I run

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

Over level land, through brush.

12.56 Middle of Arizona Easter R.R. track, brs. N. 15°30'E. and
S. 15° 30' W.

12.79 Telegraph line, brs. N. 15° 30' E. and S. 15° 30' W.

20.03 Set an iron post for 1/16 sec. cor. No. 1, bet. secs. 1
and 12 (E 1/2), stamped in cap

No 1 1/16 S 1 in N. half
S 12 1911 in S. half

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

40.06 Set an iron post for 1/4 sec. cor. bet. secs. 1 and 12,
stamped in cap

1/4 S 1 in N. half
S 12 1911 in S. half

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

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

Chains

- 40.20 Road, brs. N. and S.
- 60.09 Set an iron post for 1/16 sec. cor. No. 2, bet. secs. 1 and 12 ($W\frac{1}{2}$), stamped in cap
- No 2 1/16 S 1 in N. half
S 12 1911 in S. half
- Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, N. of cor.
- 80.12 The cor. of secs. 1, 2, 11 and 12.
- Land, level.
Soil, 2nd rate.
Brush, mesquite and sage.
-
- From the point for the 1/16 sec. cor. No. 12, bet. secs. 11 and 12, ($S\frac{1}{2}$), I run
- N. $89^{\circ} 58'$ E. on a random line through the middle of the S. half of sec. 12.
- 20.00 Set temp. 1/16 sec. cor.
- 40.00 Set temp. 1/16 sec. cor.
- 60.00 Set temp. 1/16 sec. cor.
- 80.12 Falls 4 lks. N. of the 1/16 sec. cor. No. 12, bet. secs. 7 and 12 ($S\frac{1}{2}$), on E. bdy. of Tp., previously described.
- Thence I run
- West on a true line through the middle of the S. half of sec. 12.
- Over level land, through brush.
- 20.03 Set an iron post for 1/16 sec. cor. No. 11, in the center of the $SE\frac{1}{4}$ of sec. 12, stamped in cap
- No 11 in N.
1/16 S 12 in center
1911 in S.
- Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, N. of cor.
- 25.00 Road, brs. NE. and SW.
- 30.60 Middle of Arizona Eastern R.R. track, brs. N. $21^{\circ}45'E.$ and S. $21^{\circ}45'W.$
- 31.05 Telegraph line, brs. N. $21^{\circ}45'E.$ and S. $21^{\circ}45'W.$
- 37.00 Road, brs. N. $21^{\circ}45'E.$ and S. $21^{\circ}45'W.$
- 40.06 Set an iron post for 1/16 sec. cor. No. 10, bet. the SE. and SW. quarters of sec. 12, stamped in cap
- No 10 in N.
1/16 S 12 in center
1911 in S.
- Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.;

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

Chains

and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high, N. of cor.

60.09 Set an iron post for 1/16 sec. cor. No. 9, in the center of the SW 1/4 of sec. 12, stamped in cap

No 9 in N.
1/16 S 12 in center
1911 in S.

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

62.50 Right bank of Gila River, course NW.

Set an iron post for 1/16 M.C. of frac. sec. 12, stamped in cap

M C in W.
1/16 S 12 in E.
1911 in S.

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

80.12 Point for 1/16 sec. cor. No. 12, bet. secs. 11 and 12 (S 1/2), in Gila River.

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

From the 1/4 sec. cor. bet. secs. 11 and 12, I run N. 89° 58' E. on a random line through the middle of sec. 12.

Over level land, through brush.

20.00 Set temp. 1/16 sec. cor.

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

60.00 Set temp. 1/16 sec. cor.

80.12 Falls 2 lks. S. of the 1/4 sec. cor. bet. secs. 7 and 12, on E. bdy. of Tp., previously described.

Thence I run

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

7.50 Road, brs. NE. and SW.

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

No 7 in N.
1/16 S 12 in center
1911 in S.

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

23.54 Middle of Arizona Eastern R.R. track, brs. N. 15°30'E. and S. 15°30' W.

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

Chains

- 24.03 Telegraph line, brs. N.15°30'E. and S.15°30'W.
- 40.06 Set an iron post for the center ¼ sec. cor. of sec. 12, stamped in cap

C ¼ S 12 in center
1911 in S.

Dig pits 18x18x12 ins. E., W. and S., 3 ft., and N. of post, 7 ft. dist.; and raise a mound of earth 4 ft. base, 2 ft. high, N. of cor.
- 42.60 Road, brs. N. and S.
- 60.09 Set an iron post for 1/16 sec. cor. No. 8, bet. the NW. and SW. quarters of sec. 12, stamped in cap

No 8 in N.
1/16 S 12 in center
1911 in S.

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise a mound of earth 3½ ft. base, 1½ ft. high, N. of cor.
- 80.12 The ¼ sec. cor. bet. secs. 11 and 12.

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

From the 1/16 sec. cor. No. 6, bet. secs. 11 and 12 (N½), I run
N. 89° 58' E. on a random line through the middle of the N. half of sec. 12.
- 20.00 Set temp. 1/16 sec. cor.
- 40.00 Set temp. 1/16 sec. cor.
- 60.00 Set temp. 1/16 sec. cor.
- 80.04 Falls 10 lks. S. of the 1/16 sec. cor. No. 6, bet. secs. 7 and 12 (N½), on E. bdy. of Tp., previously described.

Thence I run
S. 89° 54' W. on a true line through the middle of the N. half of sec. 12.
Over level land, through brush.
- 18.00 Middle of Arizona Eastern R.R. track, brs. N.15°30'E. and S. 15° 30' W.
- 18.46 Telegraph line, brs. N.15°30'E. and S.15°30'W.
- 20.01 Set an iron post for 1/16 sec. cor. No. 5, in the center of the NE¼ of sec. 12, stamped in cap

No 5 in N.
1/16 S 12 in center
1911 in S.

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

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

Chains

40.02 Set an iron post for 1/16 sec. cor. No. 4, bet. the NE. and NW. quarters of sec. 12, stamped in cap

No 4 in N.
1/16 S 12 in center
1911 in S.

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

60.03 Set an iron post for 1/16 sec. cor. No. 3, in the center of the NW 1/4 of sec. 12, stamped in cap

No 3 in N.
1/16 S 12 in center
1911 in S.

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

80.04 The 1/16 sec. cor. No. 6, bet. secs. 11 and 12 (N 1/2).

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

From the 1/16 sec. cor. No. 9, in the center of the SW 1/4 of sec. 12, I run

South on a true line through sec. 12.

Over level land, through brush.

7.00 Right bank of Gila River, course NW.

Set an iron post for 1/16 M.C. of sec. 12, stamped in cap

M C 1911 in S.
1/16 S 12 in N.

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

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

From the 1/16 sec. cor. No. 10, bet. the SE. and SW. quarters of sec. 12, I run

South on a true line through the middle of sec. 12.

Over level land, through brush.

6.60 Right bank of Gila River, course NW.

Set an iron post for 1/16 M.C. of frac. sec. 12, stamped in cap

M C 1911 in S.
1/16 S 12 in N.

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

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

Chains

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

April 28, 1911. At the cor. of secs. 1, 2, 11 and 12, I set off 13° 59' N. on the decl. arc, and at 11h 56m 44s a.m., l.m.t., observe the sun on the meridian; the resulting lat. is 33° 11', which is within one minute of the proper lat.

Thence I run

N. 0° 01' W. on a random line bet. secs. 1 and 2.

20.00 Set temp. 1/16 sec. cor.

40.00 Set temp. 1/4 sec. cor.

60.00 Set temp. 1/16 sec. cor.

80.13 Falls 9 lks. W. of the cor. of secs. 1, 2, 35 and 36, on N. bdy. of Tp., previously described.

Thence I run

S. 0° 03' W. on a true line bet. secs. 1 and 2.

Over level land, through brush.

20.13 Set an iron post for the 1/16 sec. cor. No. 6, bet. secs. 1 and 2 (N 1/2), stamped in cap

1/16 S 2 in W. half
S 1 in E. half
No 6 in N.
1911 in S.

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

40.13 Set an iron post for 1/4 sec. cor. bet. secs. 1 and 2, stamped in cap

1/4 S 2 in W. half
S 1 in E. half
1911 in S.

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

60.13 Set an iron post for the 1/16 sec. cor. No. 12, bet. secs. 1 and 2 (S 1/2), stamped in cap

1/16 S 2 in W. half
S 1 in E. half
No 12 in N.
1911 in S.

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

80.13 The cor. of secs. 1, 2, 11 and 12.

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

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

Chains

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

East on a random line through the middle of the S. half of
sec. 1.

Over level land, through brush.

20.00 Set temp. 1/16 sec. cor.

40.00 Set temp. 1/16 sec. cor.

60.00 Set temp. 1/16 sec. cor.

80.12 Falls 4 lks. S. of the 1/16 sec. cor. No. 12, bet. secs. 1
and 6 (S $\frac{1}{2}$), on E. bdy. of Tp., previously described.

Thence I run

S. 89° 58' W. on a true line through the middle of the S.
half of sec. 1.

Over level land, through brush.

6.77 Middle of Arizona Eastern R.R. track, brs. N.15°30'E. and
S.15°30'W.

7.35 Telegraph line, brs. N.15°30'E. and S.15°30'W.

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

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

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

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

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

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

40.90 Road, brs. N. and S.

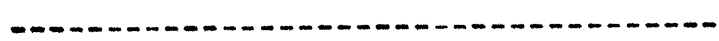
60.09 Set an iron post for 1/16 sec. cor. No. 9, in the center
of the SW $\frac{1}{4}$ of sec. 1, stamped in cap

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

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

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

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



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

Chains

From the $\frac{1}{4}$ sec. cor. bet. secs. 1 and 2, I run
East on a random line through the middle of sec. 1.

20.00 Set temp. 1/16 sec. cor.

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

60.00 Set temp. 1/16 sec. cor.

80.12 Falls 4 lks. S. of the $\frac{1}{4}$ sec. cor. bet. secs. 1 and 6.

Thence I run

S. 89° 58' W. on a true line through the middle of sec. 1.
Over level land, through brush.

1.06 Middle of Arizona Eastern R.R. track, brs. N.15°30'E. and
S.15°30'W.

1.85 Telegraph line, brs. N.15°30'E. and S.15°30'W.

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

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

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

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

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

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

41.40 Road, brs. N. and S.

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

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

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

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

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

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

East on a random line through the middle of the N. half
of sec. 1.

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

Chains

20.00 Set temp. 1/16 sec. cor.

40.00 Set temp. 1 1/16 sec. cor.

60.00 Set temp. 1/16 sec. cor.

80.08 Falls 10 lks. S. of the 1/16 sec. cor. No. 6, bet. secs. 1 and 6 (N 1/2), on E. bdy. of Tp., previously described.

Thence I run

S. 89° 56' W. on a true line through the middle of the N. half of sec. 1.

Over level land, through brush.

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

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

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

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

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

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

49.50 Road, brs. N. and S.

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

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

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

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

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

April 28, 1911.

April 26, 1911. At 7.00 a.m., l.m.t., I set off 33° 07' on the lat. arc, 13° 18' N. on the decl. arc, and determine a meridian with the solar, at the cor. of secs. 1, 2, 35 and 36, on S. bdy. of Tp., previously described.

Thence I run

N. 0° 01' W. bet. secs. 34 and 35.

Over level land, through brush.

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

Chains

20.00 Set an iron post for 1/16 sec. cor. No. 12, bet. secs. 35 and 36 (S $\frac{1}{2}$), stamped in cap

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

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

40.00 Set an iron post for $\frac{1}{4}$ sec. cor. bet. secs. 34 and 35, stamped in cap

$\frac{1}{4}$ S 34 in W. half
S 35 in E. half
1911 in S.

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

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

60.00 Set an iron post for 1/16 sec. cor. No. 6, bet. secs. 34 and 35 (N $\frac{1}{2}$), stamped in cap

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

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

78.00 Santa Cruz Wash, 100 lks. wide, course W.

80.00 Set an iron post for the cor. of secs. 26, 27, 34 and 35, stamped in cap

T 3 S S 26 in NE. quadrant
R 3 E S 35 in SE. quadrant
S 34 in SW. quadrant
S 27 in NW. quadrant
1911 in S.

1 notch on S. and 2 notches on E. edge

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

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

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

East on a random line bet. secs. 26 and 35.

20.00 Set temp. 1/16 sec. cor.

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

60.00 Set temp. 1/16 sec. cor.

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

Chains

Thence I run

S. 89° 59' W. on a true line through the middle of the S. half of sec. 35.

Over level land, through brush.

20.00 Set an iron post for 1/16 sec. cor. No. 11, in the center of the SE $\frac{1}{4}$ of sec. 35, stamped in cap

No 11 in N.
1/16 S 35 in center
1911 in S.

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

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

25.00 Road, brs. N.23°43'E. and S.23°43'W.

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

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

40.00 Set an iron post for 1/16 sec. cor. No. 10, bet. the SE. and SW. quarters of sec. 35, stamped in cap

No 10 in N.
1/16 S 35 in center
1911 in S.

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

58.00 Wash, 4 ft. deep, 40 lks. wide, course NW.

60.00 Set an iron post for 1/16 sec. cor. No. 9, in the center of the SW $\frac{1}{4}$ of sec. 35, stamped in cap

No 9 in N.
1/16 S 35 in center
1911 in S.

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

80.00 The 1/16 sec. cor. No. 12, bet. secs. 34 and 35 (S $\frac{1}{2}$).

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

From the $\frac{1}{4}$ sec. cor. bet. secs. 34 and 35, I run East on a random line through the middle of sec. 35.

20.00 Set temp. 1/16 sec. cor.

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

60.00 Set temp. 1/16 sec. cor.

80.04 Intersect the $\frac{1}{4}$ sec. cor. bet. secs. 35 and 36.

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

Chains

Thence I run

West on a true line through the middle of sec. 35.

Over level land, through brush.

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

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

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

20.01 Set an iron post for 1/16 sec. cor. No. 7, bet. the NE. and SE. quarters of sec. 35, stamped in cap

No 7 in N.
1/16 S 35 in center
1911 in S.

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

38.00 Santa Cruz Wash, 100 lks. wide, 8 ft. deep, course NW.

40.02 Set an iron post for center ¼ sec. cor. of sec. 35, stamped in cap

C ¼ S 35 in center
1911 in S.

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

60.03 Set an iron post for 1/16 sec. cor. No. 8, bet. the NW. and SW. quarters of sec. 35, stamped in cap

No 8 in N.
1/16 S 35 in center
1911 in S.

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

64.00 Dry wash, 4 ft. deep, 60 lks. wide, course NW.

80.04 The ¼ sec. cor. bet. secs. 34 and 35.

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

From the 1/16 sec. cor. No. 6, bet. secs. 34 and 35 (N½), I run

East on a random line through the middle of the N. half of sec. 35.

20.00 Set temp. 1/16 sec. cor.

40.00 Set temp. 1/16 sec. cor.

60.00 Set temp. 1/16 sec. cor.

80.00 Falls 7 lks. N. of the 1/16 sec. cor. No. 6, bet. secs. 35 and 36 (N½).

BOOK 400

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

Chains	
	Thence I run N. 89° 57' W. on a true line through the middle of the N. half of sec. 35. Over level land, through brush.
9.50	Road, brs. N.23°43'E. and S.23°43'W.
10.06	Middle of Arizona Eastern R.R. track, brs. N.23°43'E. and S.23°43'W.
11.06	Telegraph line, brs. N.23°43'E. and S.23°43'W.
20.00	Set an iron post for 1/16 sec. cor. No. 5, in center of the NE $\frac{1}{4}$ of sec. 35, stamped in cap No 5 in N. 1/16 S 35 in center 1911 in S. Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise a mound of earth 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, N. of cor.
40.00	Set an iron post for 1/16 sec. cor. No. 4, bet. the NE. and NW. quarters of sec. 35, stamped in cap No 4 in N. 1/16 S 35 in center 1911 in S. Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise a mound of earth 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, N. of cor.
60.00	Set an iron post for 1/16 sec. cor. No. 3, in the center of the NW $\frac{1}{4}$ of sec. 35, stamped in cap No 3 in N. 1/16 S 35 in center 1911 in S. Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise a mound of earth 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, N. of cor.
66.00	Santa Cruz Wash, 100 lks. wide, 4 ft. deep, course NW.
80.00	The 1/16 sec. cor. No. 6, bet. secs. 34 and 35. (N $\frac{1}{2}$). Land, level. Soil, 2nd rate. Brush, mesquite and sage.

	April 26, 1911. At the cor. of secs. 26, 27, 34 and 35, I set off 13° 21' N. on the decl. arc, and at 1h 57m 54s a.m., l.m.t., observe the sun on the meridian; the resulting lat. is 33° 08', which is within one minute of the proper lat.
	Thence I run N. 0° 01' W. bet. secs. 26 and 27. Over level land, through brush.
3.00	Road, brs. NE. and SW.

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

Chains

20.00 Set an iron post for 1/16 sec. cor. No. 12, bet. secs. 26 and 27 (S $\frac{1}{2}$), stamped in cap

1/16 S 27 in W. half
S 26 in E. half
No 12 in N.
1911 in S.

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

37.00 Dry wash, 20 lks. wide, 3 ft. deep, course SW.

40.00 Set an iron post for $\frac{1}{4}$ sec. cor. bet. secs. 26 and 27, stamped in cap

$\frac{1}{4}$ S 27 in W. half
S 26 in E. half
1911 in S.

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

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

60.00 Set an iron post for 1/16 sec. cor. No. 6, bet. secs. 26 and 27, (N $\frac{1}{2}$), stamped in cap

1/16 S 27 in W. half
S 26 in E. half
No 6 in N.
1911 in S.

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

70.00 Road, brs. E. and W.

80.00 Set an iron post for the cor. of secs. 22, 23, 26 and 27, stamped in cap

T 3 S S 23 in NE. quadrant
R 3 E S 26 in SE. quadrant
S 27 in SW. quadrant
S 22 in NW. quadrant
1911 in S.

2 notches on S. and 2 notches on E. edges

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

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

S. 89° 57' E. on a random line bet. secs. 23 and 26.

20.00 Set temp. 1/16 sec. cor.

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

60.00 Set temp. 1/16 sec. cor.

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

Chains

80.12 Falls 4 lks. N. of the cor. of secs. 23, 24, 25 and 26.

Thence I run

N. 89° 55' W. on a true line bet. secs. 23 and 26.

Over rough, mountainous land, ascending through brush.

10.25 Top of ascent, brs. E. and W. Begin descent.

20.03 Set an iron post for 1/16 sec. cor. No. 1, bet. secs. 23 and 26 (E $\frac{1}{2}$), stamped in cap

No 1 1/16 S 23 in N. half
S 26 1911 in S. half

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

Bottom of descent; begin ascent.

33.50 Top of ascent, brs. NE. and SW.

Thence along ridge, brs. E. and W.

40.06 Set an iron post for $\frac{1}{4}$ sec. cor. bet. secs. 23 and 26, stamped in cap

$\frac{1}{4}$ S 23 in N. half
S 26 1911 in S. half

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

46.00 Begin descent (steep), brs. N. and S.

60.09 Set an iron post for 1/16 sec. cor. No. 2, bet. secs. 23 and 26 (W $\frac{1}{2}$), stamped in cap

No 2 1/16 S 23 in N. half
S 26 1911 in S. half

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

72.00 Foot of descent, brs. N. and S.
Thence over level land.

75.00 Road, brs. N. and S.

80.12 The cor. of secs. 22, 23, 26 and 27.

Land, rough and mountainous, 72.00 chs.; level, 8.00 chs.
Soil, 2nd rate.
Brush, mesquite and sage.

From the 1/16 sec. cor. No. 12, bet. secs. 26 and 27, (S $\frac{1}{2}$)
I run

S. 89° 57' E. on a random line through the middle of the
S. half of sec. 26.

20.00 Set temp. 1/16 sec. cor.

40.00 Set temp. 1/16 sec. cor.

60.00 Set temp. 1/16 sec. cor.

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

Chairs	
80.00	Falls 7 lks. S. of the cor. of secs. 25, 26, 35 and 36. Thence I run S. 89° 57' W. on a true line bet. secs. 26 and 35. Over level land, through brush.
.50	Road, brs. NE. and SW.
1.75	Middle of Arizona Eastern R.R. track, brs. N.23°43'E. and S.23°43'W.
2.27	Telegraph line, brs. N.23°43'E. and S.23°43'W.
20.00	Set an iron post for 1/16 sec. cor. No. 1, bet. secs. 26 and 35 (E $\frac{1}{2}$), stamped in cap <div style="text-align: center;"> No 1 1/16 S 26 in N. half S 35 1911 in S. half </div> Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise a mound of earth 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, N. of cor.
40.00	Set an iron post for $\frac{1}{4}$ sec. cor. bet. secs. 26 and 35, stamped in cap <div style="text-align: center;"> $\frac{1}{4}$ S 26 in N. half S 35 1911 in S. half </div> Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise a mound of earth 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, N. of cor.
	(After diligent search, no trace of the old $\frac{1}{4}$ sec. cor. is found).
60.00	Set an iron post for 1/16 sec. cor. No. 2, bet. secs. 25 and 36 (W $\frac{1}{2}$), stamped in cap <div style="text-align: center;"> No 2 1/16 S 26 in N. half S 36 1911 in S. half </div> Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise a mound of earth 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, N. of cor.
80.00	The cor. of secs. 26, 27, 34 and 35. Land, level. Soil, 2nd rate. Brush, mesquite and sage.
	----- From the 1/16 sec. cor. No. 12, bet. secs. 34 and 35 (S $\frac{1}{2}$) I run East on a random line through the middle of the the S. half of sec. 35.
20.00	Set temp. 1/16 sec. cor.
40.00	Set temp. 1/16 sec. cor.
60.00	Set temp. 1/16 sec. cor.
80.00	Falls 2 lks. S. of the 1/16 sec. cor. No. 12, bet. secs. 35 and 36 (S $\frac{1}{2}$).

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

Chains

80.04 Intersect the 1/16 sec. cor. No. 12, bet. secs. 25 and 26.

Thence I run

N. 89° 57' W. on a true line through the middle of the S. half of sec. 26.

Over level land, through brush.

2.20 Road, brs. NE. and SW.

20.01 Set an iron post for 1/16 sec. cor. No. 11, in the center of the SE 1/4 of sec. 26, stamped in cap

No 11 in N.
1/16 S 26 in center
1911 in S.

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

21.00 Dry wash, course NE.

40.02 Set an iron post for 1/16 sec. cor. No. 10, bet. the SE. and SW. quarters of sec. 26, stamped in cap

No 10 in N.
1/16 S 26 in center
1911 in S.

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

60.03 Set an iron post for 1/16 sec. cor. No. 9, in the center of the SW 1/4 of sec. 26, stamped in cap

No 9 in N.
1/16 S 26 in center
1911 in S.

Dig pits 18x16x12 ins. E. and W. of post 3 ft. dist.; and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high, N. of cor.

80.04 The 1/16 sec. cor. No. 12, bet. secs. 26 and 27 (S 1/2).

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

From the 1/4 sec. cor. bet. secs. 26 and 27, I run

S. 89° 57' E. on a random line through the middle of sec. 26.

20.00 Set temp. 1/16 sec. cor.

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

60.00 Set temp. 1/16 sec. cor.

80.08 Falls 7 lks. N. of the 1/4 sec. cor. bet. secs. 25 and 26.

Thence I run

N. 89° 54' W. on a true line through the middle of sec. 26.

Sec. 26

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

Chains

Over level land, through brush.

8.00 Road, brs. NW. and SE.

20.02 Set an iron post for 1/16 sec. cor. No. 7, bet. the NE. and SE. quarters of sec. 26, stamped in cap

No 7 in N.
1/16 S 26 in center
1911 in S.

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

40.04 Set an iron post for center 1/4 sec. cor. of sec. 26, stamped in cap

C 1/4 S 26 in center
1911 in S.

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

60.06 Set an iron post for 1/16 sec. cor. No. 8, bet. the NW. and SW. quarters of sec. 26, stamped in cap

No 8 in N.
1/16 S 26 in center
1911 in S.

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

77.00 Dry wash, 20 lks. wide, 4 ft. deep, course N.

80.08 The 1/4 sec. cor. bet. secs. 26 and 27.

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

From the 1/16 sec. cor. No. 6, bet. secs. 26 and 27 (N 1/2), I run

S. 89° 57' E. on a random line through the middle of the N. half of sec. 26.

20.00 Set temp. 1/16 sec. cor.

40.00 Set temp. 1/16 sec. cor.

60.00 Set temp. 1/16 sec. cor.

80.12 Falls 4 lks. N. of the 1/16 sec. cor. No. 6, bet. secs. 25 and 26 (N 1/2).

Thence I run

N. 89° 55' W. on a true line through the middle of the N. half of sec. 26.

Over level land, through brush.

20.03 Set an iron post for 1/16 sec. cor. No. 5, in the center of the NE 1/4 of sec. 26, stamped in cap

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

Chains

No 5 in N.
 $1/16$ S 26 in center
 1911 in S.

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

- 40.06 Set an iron post for $1/16$ sec. cor. No. 4, bet. the NE.
 and NW. quarters of sec. 26, stamped in cap

No 4 in N.
 $1/16$ S 26 in center
 1911 in S.

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

- 60.09 Set an iron post for $1/16$ sec. cor. No. 3, in the center
 of the NW $\frac{1}{4}$ of sec. 26, stamped in cap

No 3 in N.
 $1/16$ S 26 in center
 1911 in S.

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

- 72.00 Road, brs. NW. and SE.

- 80.12 The $1/16$ sec. cor. No. 6, bet. secs. 26 and 27 (N $\frac{1}{2}$)

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

April 26, 1911.

 April 27, 1911. At 7.00 a.m., l.m.t., I set off $33^{\circ} 08'$
 on the lat. arc, $13^{\circ} 37'$ N. on the decl. arc, and deter-
 mine a meridian with the solar, at the cor. of secs. 14,
 15, 22 and 23.

Thence I run

N. $0^{\circ} 01'$ W. bet. secs. 22 and 23.

Over level land, through brush.

- 20.00 Set an iron post for the $1/16$ sec. cor. No. 12, bet. secs.
 22 and 23 ($8\frac{1}{2}$), stamped in cap

$1/16$ S 22 in W. half
 S 23 in E. half
 No 12 in N.
 1911 in S.

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

- 40.00 Set an iron post for the $\frac{1}{4}$ sec. cor. bet. secs. 22 and 23,
 stamped in cap

$\frac{1}{4}$ S 22 in W. half
 S 23 in E. half
 1911 in S.

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

Chains

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

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

60.00 Set an iron post for 1/16 sec. cor. No. 6, bet. secs. 22 and 23 (S 1/2), stamped in cap

1/16 S 22 in W. half
S 23 in E. half
No 6 in N.
1911 in S.

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

80.00 Set an iron post for the cor. of secs. 14, 15, 22 and 23, stamped in cap

T 3 S S 14 in NE. quadrant
R 3 E S 23 in SE. quadrant
S 22 in SW. quadrant
S 15 in NW. quadrant
1911 in S.

3 notches on S. and 2 notches on E. edge

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

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

S. 89° 55' E. on a random line bet. secs. 14 and 23.

20.00 Set temp. 1/16 sec. cor.

40.00 Set temp. 1/4 sec. cor.

60.00 Set temp. 1/16 sec. cor.

80.00 Falls 4 lks. S. of the cor. of secs. 13, 14, 23 and 24.

Thence I run

N. 89° 57' W. on a true line bet. secs. 14 and 23.

Over level land, through brush and timber.

20.00 Set an iron post for 1/16 sec. cor. No. 1, bet. secs. 14 and 23 (E 1/2), stamped in cap

No 1 1/16 S 14 in N. half
S 23 1911 in S. half, from which

A mesquite 12 ins. dia. brs. S. 69° E., 46 lks. dist.
Mkd. 1/16 S 23 B T.

A mesquite 12 ins. dia. brs. N. 41° W., 88 lks. dist.
Mkd. 1/16 S 14 B T.

40.00 Set an iron post for 1/4 sec. cor. bet. secs. 14 and 23, stamped in cap

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

Chains

1/4 S 14 in N. half
S 23 1912 in S. half, from which

A mesquite 14 ins. dia. brs. N. 46 1/2° E., 286 lks. dist.
Mkd. 1/4 S 14 B T.
A mesquite 16 ins. dia. brs. S. 5° E., 66 lks. dist.
Mkd. 1/4 S 23 B T.

52.00 Leave timber, brs. NW. and SE.

60.00 Set an iron post for the 1/16 sec. cor. No. 2, bet. secs. 14 and 23 (W 1/2), stamped in cap

No 2 1/16 S 14 in N. half
S 23 1911 in S. half

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

71.00 Road, brs. NW. and SE.

80.00 The cor. of secs. 14, 15, 22 and 23.

Land, level.
Soil, 2nd rate.
Brush, mesquite and sage.
Timber, mesquite, 52.00 chs.

From the 1/16 sec. cor. No. 12, bet. secs. 22 and 23, (S 1/2)
I run

S. 89° 55' E. on a random line through the middle of the
S. half of sec. 23.

20.00 Set temp. 1/16 sec. cor.

40.00 Set temp. 1/4 sec. cor.

60.00 Set temp. 1/16 sec. cor.

80.12 Falls 4 lks. S. of the 1/16 sec. cor. No. 12, bet. secs. 23 and 24 (S 1/2).

Thence I run

N. 89° 57' W. on a true line through the middle of the S.
half of sec. 23.

Over level land, through brush.

6.00 Enter broken land (N. slope of butte).

20.03 Set an iron post for 1/16 sec. cor. No. 11, in the center
of the SE 1/4 of sec. 23, stamped in cap

No 11 in N.
1/16 S 23 in center
1911 in S.

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

40.06 Set an iron post for 1/16 sec. cor. No. 10, bet. the SE.
and SW. quarters of sec. 23, stamped in cap

No 10 in N.
1/16 S 23 in center
1911 in S.

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

Chains

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

Begin ascent.

46.00 Top of ascent. Ridge, brs. N. and S. Begin descent.

60.09 Set an iron post for 1/16 sec. cor. No. 9, in the center of the SW¼ of sec. 23, stamped in cap

No 9 in N.
1/16 S 23 in center
1911 in S.

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

61.00 Foot of descent, brs. N. and S. Thence over level land.

74.00 Road, brs. NE. and SW.

80.12 The 1/16sec. cor. No. 12, bet. secs. 22 and 23 (S½).

Land, rough and broken, 61.00 chs.; level, 19.00 chs. Soil, 2nd rate. Brush, mesquite and sage.

From the ¼ sec. cor. bet. secs, 22 and 23, I run S. 89° 55' E. on a random line through the middle of sec. 23.

20.00 Set temp. 1/16 sec. cor.

40.00 Set temp. center ¼ sec. cor.

60.00 Set temp. 1/16 sec. cor.

80.08 Falls 12 lks. S. of the ¼ sec. cor. bet. secs. 23 and 24.

Thence I run

West on a true line through the middle of sec. 23.

Over level land, through brush.

20.02 Set an iron post for 1/16 sec. cor. No. 7, bet. the NE. and SE. quarters of sec. 23, stamped in cap

No 7 in N.
1/16 S 23 in center
1911 in S.

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

33.00 Leave level land; begin ascent.

36.00 Top of ascent. Ridge, brs. N. and S. Begin descent.

40.04 Set an iron post for center ¼ sec. cor. of sec. 23, stamped in cap

C ¼ S 23 in center
1911 in S.

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

Chains

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

41.00 Foot of descent, brs. N. and S.
Thence over level land.

47.00 Road, brs. NE. and SW.

60.06 Set an iron post for 1/16 sec. cor. No. 8, bet. the NW. and SW. quarters of sec. 23, stamped in cap

No 8 in N.
1/16 S 23 in center
1911 in S.

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

80.08 The 1/4 sec. cor. bet. secs. 22 and 23.

Land, rough and broken, 41.00 chs.; level, 39.00 chs.
Soil, 2nd rate, 41.00 chs.; 4th rate, 39.00 chs.
Brush, mesquite and sage.

From the 1/16 sec. cor. No. 6, bet. secs. 22 and 23, (N 1/2) I run

N. 89° 55' E. on a random line through the middle of the N. half of sec. 23.

20.00 Set temp. 1/16 sec. cor.

40.00 Set temp. 1/16 sec. cor.

60.00 Set temp. 1/16 sec. cor.

80.00 Falls 4 lks. N. of the 1/16 sec. cor. No. 6, bet. secs. 23 and 24 (N 1/2).

Thence I run

S. 89° 57' W. on a true line through the middle of the N. half of sec. 23.

Over level land, through brush.

20.00 Set an iron post for 1/16 sec. cor. No. 5, in the center of the NE 1/4 of sec. 23, stamped in cap

No 5 in N.
1/16 S 23 in center
1911 in S.

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

29.50 Road, brs. NW. and SE.

32.00 Road, brs. NW. and SE.

40.00 Set an iron post for the 1/16 sec. cor. No. 4, bet. the NE. and NW. quarters of sec. 23, stamped in cap

No 4 in N.
1/16 S 23 in center
1911 in S.

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

Chains

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

60.00 Set an iron post for 1/16 sec. cor. No. 3, in the center of the NE $\frac{1}{4}$ sec. 23, stamped in cap

No 3 in N.
1/16 S 23 in center
1911 in S.

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

80.00 The 1/16 sec. cor. No. 6, bet. secs. 22 and 23 (N $\frac{1}{2}$).

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

April 27, 1911. At the cor. of secs. 14, 15, 22 and 23, I set off $13^{\circ} 40'$ N. on the decl. arc, and at 11h 57m 44s a.m., l.m.t., observe the sun on the meridian; the resulting lat. is $33^{\circ} 09'$, which is within one minute of the proper lat.

Thence I run

N. $0^{\circ} 01'$ W. bet. secs. 14 and 15.

Over level land, through brush.

.75 Road, brs. E. and W.
5.00 Road, brs. NW. and SE.
15.20 Road, brs. E. and W.

20.00 Left bank of Gila River, course W.

Set an iron post for 1/16 sec. cor. No. 12, bet. secs. 14 and 15 (S $\frac{1}{2}$), and for M.C., stamped in cap

M C 1/16 No 12 in N.
T 3 S S 15 in W.
R 3 E S 14 in E.
1911 in S.
2 notches on E. edge

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

20.05 Bank, 4 ft. high, brs. E. and W.

40.00 Point for $\frac{1}{4}$ sec. cor. bet. secs. 14 and 15, falls in river.

60.00 Point for 1/16 sec. cor. No. 6, bet. secs. 14 and 15 (N $\frac{1}{2}$) falls in river.

80.00 Point for cor. of secs. 10, 11, 14 and 15, falls in bed of river.
Set temp. post.

Land, level, 20.00 chs.; river bed, 60.00 chs.
Soil, 2nd rate.
Brush, mesquite and arrow weed.

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

Chains

From the 1/16 sec. cor. No. 12, bet. secs. 14 and 15 (S 1/2), which is also a meander cor., I run

S. 89° 57' E. on a random line through the middle of the S. half of sec. 14.

20.00 Set temp. 1/16 sec. cor.

40.00 Set temp. 1/16 sec. cor.

60.00 Set temp. 1/16 sec. cor.

80.00 Intersect the 1/16 sec. cor. No. 12, bet. secs. 13 and 14 (S 1/2).

Thence I run

N. 89° 57' W. on a true line through the middle of the S. half of sec. 14.

Over level land, through brush.

20.00 Set an iron post for the 1/16 sec. cor. No. 11, in the center of the SE 1/4 of sec. 14, stamped in cap

No 11 in N.
1/16 S 14 in center
1911 in S.

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

40.00 Set an iron post for 1/16 sec. cor. No. 10, bet. the SE. and SW. quarters of sec. 14, stamped in cap

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

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

60.00 Set an iron post for 1/16 sec. cor. No. 9, in the center of the SW 1/4 of sec. 14, stamped in cap

No 9 in N.
1/16 S 14 in center
1911 in S.

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

75.00 Road, brs. NE. and SW.

80.00 The 1/16 sec. cor. No. 12, bet. secs. 14 and 15 (S 1/2).

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

From the 1/4 sec. cor. bet. secs. 13 and 14, I run
N. 89° 57' W. on a true line through the middle of sec. 14.
Over level land, through brush.

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

Chains

20.00 Set an iron post for 1/16 sec. cor. No. 7, bet. the NE. and SE. quarters of sec. 14, stamped in cap

No 7 in N.
1/16 S 14 in center
1911 in S.

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

37.60 Left bank of Gila River, course SW., (bank, 10 ft. high).

Set an iron post for 1/16 M.C. of frac. sec. 14, stamped in cap

M C in W.
1/16 S 14 in E.
1911 in S.

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

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

From the 1/16 sec. cor. No. 7, bet. the NE. and SE. quarters of sec. 14, I run

N. 0° 01' W. on a true line through the middle of the E. half of sec. 14.

Over level land, through brush.

16.60 Left bank of Gila River, course W., (bank, 4 ft. high).

Set an iron post for 1/16 M.C. of frac. sec. 14, stamped in cap

M C in N.
1/16 S 14 1911 in S.

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

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

From the 1/16 sec. cor. No. 10, bet. the SE. and SW. quarters of sec. 14, I run

N. 0° 01' W. on a true line through the middle of sec. 14.

Over level land, through brush.

18.45 Left bank of Gila River, course W. (bank, 10 ft. high).

Set an iron post for 1/16 M.C. of frac. sec. 14, stamped in cap

M C in N.
1/16 S 14 1911 in S.

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

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

Chains

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

From the 1/16 sec. cor. No. 9, in the center of the SW $\frac{1}{4}$ of sec. 14, I run

N. 0° 01' W. on a true line through the W. half of sec. 14.
Over level land, through brush.

17.10 Left bank of Gila River, course W. (bank, 10 ft. high).
Set an iron post for 1/16 M.C. of frac. sec. 14, stamped in cap

M C in N.
1/16 S 14 1911 in S.

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

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

April 27, 1911.

April 28, 1911. At 7.00 a.m., l.m.t., I set off 33° 10' on the lat. arc, 13° 56' N. on the decl. arc, and determine a meridian with the solar, at the point for the cor. of secs. 10, 11, 14 and 15, in river.

Thence I run

N. 0° 01' W. bet. secs. 10 and 11.

Over level river bed.

2.00 Main channel of Gila River.

20.00 Point for 1/16 sec. cor. No. 12, bet. secs. 10 and 11, S $\frac{1}{4}$, falls in river bed.

34.44 Right bank of Gila River, course W., (bank, 4 ft. high).

Set an iron post for M.C. of frac. secs. 10 and 11, stamped in cap

M C 1911 in S.
T 3 S S 11 in NE.
R 3 E S 10 in NW.
2 notches on E. edge

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

Enter brush.

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

$\frac{1}{4}$ S 10 in W. half
S 11 in E. half
1911 in S.

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

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

Chains

and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, W. of cor.

60.00 Set an iron post for 1/16 sec. cor. No. 6, bet. secs. 10 and 11 ($N\frac{1}{2}$), stamped in cap

1/16 S 10 in W. half
S 11 in E. half
No 6 in N.
1911 in S.

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

72.00 Road, brs. E. and W.

78.00 Road, brs. NW. and SE.

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

T 3 S S 2 in NE. quadrant
R 3 E S 11 in SE. quadrant
S 10 in SW. quadrant
S 3 in NW. quadrant
1911 in S.

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

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

Land, level.

Soil, 2nd rate.

Brush, mesquite and sage, 45.66 chs.

East on a random line bet. secs. 2 and 11.

20.00 Set temp. 1/16 sec. cor.

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

60.00 Set temp. 1/16 sec. cor.

80.00 Falls 7 lks. S. of the cor. of secs. 1, 2, 11 and 12.

Thence I run

S. $89^{\circ} 57'$ W. on a true line bet. secs. 2 and 11.

Over level land, through brush.

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

No 1 1/16 S 2 in N. half
S 11 1911 in S. half

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

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

$\frac{1}{4}$ S 2 in N. half
S 11 1911 in S. half

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

Chains

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

60.00 Set an iron post for the 1/16 sec. cor. No. 2, bet. secs. 2 and 11 (W 1/4), stamped in cap

No 2 1/16 S 2 in N. half
S 11 1911 in S. half

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

80.00 The cor. of secs. 2, 3, 10 and 11.

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

From the 1/4 sec. cor. bet. secs. 10 and 11, I run East on a random line through the middle of sec. 11.

20.00 Set temp. 1/16 sec. cor.

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

60.00 Set temp. 1/16 sec. cor.

80.00 Falls 7 lks. N. of the 1/4 sec. cor. bet. secs. 11 and 12.

Thence I run
N. 89° 57' W. on a true line through the middle of sec. 11.
Over level land.

20.00 Set an iron post for 1/16 sec. cor. No. 7, bet. the NE. and SW. quarters of sec. 11, stamped in cap

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

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

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

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

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

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

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

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

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

Chains

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

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

Land, level.
Soil, mesquite and sage.

From the 1/16 sec. cor. No. 7, bet. the NE. and SE. quarters of sec. 11, I run

S. 0° 01' E. on a true line through the E. half of sec. 11.

Over level land, through brush.

7.30 Right bank of Gila River, course W. (bank, 4 ft. high).

Set an iron post for 1/16 M.C. of frac. sec. 11, stamped in cap

M C 1911 in S.
1/16 S 11 in N.

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

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

From the center 1/4 sec. cor. of sec. 11, I run

S. 0° 01' E. on a true line through the middle of sec. 11.

Over level land, through brush.

11.70 Right bank of Gila River, course W. (bank, 4 ft. high).

Set an iron post for 1/16 M.C. of frac. sec. 11, stamped in cap

M C 1911 in S.
1/16 S 11 in N.

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

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

From the 1/16 sec. cor. No. 8, bet. the NW. and SW. quarters of sec. 11, I run

S. 0° 01' E. on a true line through the W. half of sec. 11.

Over level land, through brush.

8.60 Right bank of Gila River, course W. (bank, 5 ft. high).

Set an iron post for 1/16 M.C. of frac. sec. 11, stamped in cap

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

BOOK 366

Chains

M C 1911. in S.
1/16 S 11 in N.

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

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

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

East on a random line through the middle of the N. half
of sec. 11.

20.00 Set temp. 1/16 sec. cor.

40.00 Set temp. 1/16 sec. cor.

60.00 Set temp. 1/16 sec. cor.

79.96 Falls 7 lks. S. of 1/16 sec. cor. No. 6, bet. secs. 11 and
12 (N $\frac{1}{2}$).

Thence I run

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

Over level land, through brush.

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

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

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

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

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

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

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

59.97 Set an iron post for 1/16 sec. cor. No. 3, in the center
of the NW $\frac{1}{4}$ of sec. 11, stamped in cap

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

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

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

Chains	
79.96	The 1/16 sec. cor. No. 6, bet. secs. 10 and 11 (N $\frac{1}{2}$).
	Land, level. Soil, 2nd rate. Brush, mesquite and sage.

	April 28, 1911. At the cor. of secs. 2, 3, 10 and 11, I set off 13° 59' N. on the decl. arc, and at 11h 56m 44s a.m., l.m.t., observe the sun on the meridian; the resulting lat. is 33° 11', which is within one minute of the proper lat.
	Thence I run
	N. 0° 01' W. on a random line bet. secs. 2 and 3.
20.00	Set temp. 1/16 sec. cor.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
60.00	Set temp. 1/16 sec. cor.
80.24	Falls 4 lks. W. of the cor. of secs. 2, 3, 34 and 35, on N. bdy. of Tp., previously described.
	Thence I run
	S. 0° 01' W. on a true line bet. secs. 2 and 3.
	Over level land, through brush.
20.24	Set an iron post for 1/16 sec. cor. No. 6, bet. secs. 2 and 3 (N $\frac{1}{2}$), stamped in cap
	<p style="text-align: center;">1/16 S 3 in W. half S 2 in E. half No 6 in N. 1911 in S.</p>
	Dig pits 18x18x12 ins. N. and S. of post 3 ft. dist.; and raise a mound of earth 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor.
40.24	Set an iron post for $\frac{1}{4}$ sec. cor. bet. secs. 2 and 3, stamped in cap
	<p style="text-align: center;">$\frac{1}{4}$ S 3 in W. half S 2 in E. half 1911 in S.</p>
	Dig pits 18x18x12 ins. N. and S. of post 3 ft. dist.; and raise a mound of earth 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor.
60.24	Set an iron post for 1/16 sec. cor. No. 12, bet. secs. 2 and 3 (S $\frac{1}{2}$), stamped in cap
	<p style="text-align: center;">1/16 S 3 in W. half S 2 in E. half No 12 in N. 1911 in S.</p>
	Dig pits 18x18x12 ins. N. and S. of post 3 ft. dist.; and raise a mound of earth 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor.
80.24	The cor. of secs. 3, 4, 10 and 11.

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

Chains

From the 1/4 sec. cor. bet. secs. 2 and 3, I run
N. 89° 57' E. on a random line through the middle of sec.
2.

20.00 Set temp. 1/16 sec. cor.

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

60.00 Set temp. 1/16 sec. cor.

80.00 Intersect the 1/4 sec. cor. bet. secs. 1 and 2.

Thence I run

S. 89° 57' W. on a true line through the middle of sec. 2.
Over level land, through brush.

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

No 7 in N.
1/16 S 2 in center
1911 in S.

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.;
and raise a mound of earth 3 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. 2,
stamped in cap

C 1/4 S 2 in center
1911 in S.

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

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

No 8 in N.
1/16 S 2 in center
1911 in S.

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

80.00 The 1/4 sec. cor. bet. secs. 2 and 3.

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

From the 1/16 sec. cor. No. 6, bet. secs. 2 and 3 (N 1/2),
I run

N. 89° 57' E. on a random line through the middle of the
N. half of sec. 2.

20.00 Set temp. 1/16 sec. cor.

40.00 Set temp. 1/16 sec. cor.

60.00 Set temp. 1/16 sec. cor.

BOOK 1000

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

Chains

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

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

N. 89° 57' E. on a random line through the middle of the
S. half of sec. 2.

20.00 Set temp. 1/16 sec. cor.

40.00 Set temp. 1/16 sec. cor.

60.00 Set temp. 1/16 sec. cor.

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

Thence I run

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

Over level land, through brush.

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

No 11 in N.
1/16 S 2 in center
1911 in S.

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

40.00 Set an iron post for 1/16 sec. cor. No. 10, bet. the SE.
and SW. quarters of sec. 2, stamped in cap

No 10 in N.
1/16 S 2 in center
1911 in S.

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

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

No 9 in N.
1/16 S 2 in center
1911 in S.

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

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

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

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

Chains

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

Thence I run

S. 89° 55' W. on a true line through the middle of the N. half of sec. 2.

Over level land, through brush.

20.00 Set an iron post for 1/16 sec. cor. No. 5, in the center of the NE $\frac{1}{4}$ of sec. 2, stamped in cap

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

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

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

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

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

60.00 Set an iron post for 1/16 sec. cor. No. 3, in the center of the NW $\frac{1}{4}$ of sec. 2, stamped in cap

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

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

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

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

April 28, 1911.

April 29, 1911. At 7.00 a.m., l.m.t., I set off 33° 07' on the lat. arc, 14° 15' N. on the decl. arc, and determine a meridian with the solar, at the cor. of secs. 3, 4, 33 and 34, on S. bdy. of Tp., previously described.

Thence I run

N. 0° 02' W. bet. secs. 33 and 34.

Over level land, through brush.

17.00 Road, brs. NE. and SW.

20.00 Set an iron post for the 1/16 sec. cor. No. 12, bet. secs. 33 and 34 (S $\frac{1}{2}$), stamped in cap

1/16 S 33 in W. half

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

Chains

S 34 in E. half
No 12 in N.
1911 in S.

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

35.00 Road, brs. E. and W.

40.00 Set an iron post for ¼ sec. cor. bet. secs. 33 and 34,
stamped in cap

¼ S 33 in W. half
S 34 in E. half
1911 in S.

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

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

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

60.00 Set an iron post for 1/16 sec. cor. No. 6, bet. secs. 33
and 34 (N¼), stamped in cap

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

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

80.00 Set an iron post for the cor. of secs. 27, 28, 33 and 34,
stamped in cap

T 3 S S 27 in NE. quadrant
R 3 E S 34 in SE. quadrant
S 33 in SW. quadrant
S 28 in NW. quadrant
1911 in S.

1 notch on S. and 3 notches on E. edge

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

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

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

East on a random line bet. secs. 27 and 34.

20.00 Set temp. 1/16 sec. cor.

40.00 Set temp. ¼ sec. cor.

60.00 Set temp. 1/16 sec. cor.

80.08 Falls 12 lks. N. of the cor. of secs. 26, 27, 34 and 35.

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

Chains

Thence I run

N. 89° 55' W. on a true line bet. secs. 27 and 34.

Over level land, through brush.

1.50 Santa Cruz Wash, course N.

2.50 Road, brs. N. and S.

20.02 Set an iron post for 1/16 sec. cor. No. 1, bet. secs. 27 and 34 (E½) stamped in cap

No 1 1/16 S 27 in N. half
S 34 1911 in S. half

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

40.04 Set an iron post for ¼ sec. cor. bet. secs. 27 and 34, stamped in cap

¼ S 27 in N. half
S 34 1911 in S. half

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

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

60.06 Set an iron post for the 1/16 sec. cor. No. 2, bet. secs. 27 and 34 (W½), stamped in cap

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

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

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

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

From the 1/16 sec. cor. No. 12, bet. secs. 33 and 34 (S½), I run

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

20.00 Set temp. 1/16 sec. cor.

40.00 Set temp. 1/16 sec. cor.

60.00 Set temp. 1/16 sec. cor.

80.00 Falls 10 lks. N. of the 1/16 sec. cor. No. 12, bet. secs. 34 and 35 (S½).

Thence I run

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

Over level land, through brush.

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

Chains

20.00 Set an iron post for 1/16 sec. cor. No. 11, in the center of the SE 1/4 sec. 34, stamped in cap

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

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

36.00 Road, brs. N. and S.

40.00 Set an iron post for 1/16 sec. cor. No. 10, bet. the SE. and SW. quarters of sec. 34, stamped in cap

No 10 in N.
1/16 S 34 in center
1911 in S.

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

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

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

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

78.00 Road, brs. NE. and SW.

80.00 The 1/16 sec. cor. No. 12, bet. secs. 33 and 34 (S 1/4).

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

From the 1/4 sec. cor. bet. secs. 33 and 34, I run East on a random line through the middle of sec. 34,

20.00 Set temp. 1/16 sec. cor.

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

60.00 Set temp. 1/16 sec. cor.

80.04 Falls 10 lks. N. of the 1/4 sec. cor. bet. secs. 34 and 35.

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

Over level land.

20.01 Set an iron post for 1/16 sec. cor. No. 7, bet. the NE. and SE. quarters of sec. 34, stamped in cap

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

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

Chains

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

40.02 Set an iron post for the center 1/4 sec. cor. of sec. 34, stamped in cap

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

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

55.00 Road, brs. NE. and SW.

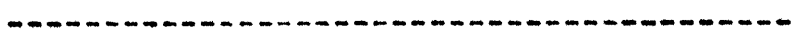
60.03 Set an iron post for 1/16 sec. cor. No. 8, bet. the NW. and SW. quarters of sec. 34, stamped in cap

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

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

80.04 The 1/4 sec. cor. bet. secs. 33 and 34.

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



From the 1/16 sec. cor. No. 6, bet. secs. 33 and 34 (N 1/2), I run

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

20.00 Set temp. 1/16 sec. cor.

40.00 Set temp. 1/16 sec. cor.

60.00 Set temp. 1/16 sec. cor.

80.08 Falls 12 lks. N. of the 1/16 sec. cor. No. 6, bet. secs. 34 and 35 (N 1/2).

Thence I run

N. 89° 55' W. on a true line through the middle of the N. half of sec. 34.

Over level land, through brush.

20.02 Set an iron post for the 1/16 sec. cor. No. 5, in the center of the NE 1/4 of sec. 34, stamped in cap

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

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

25.00 Road, brs. NE. and SW.

40.04 Set an iron post for the 1/16 sec. cor. No. 4, bet. the NE. and NW. quarters of sec. 34, stamped in cap

Subdivision of T. 5 S., R. 3 E.

Chains

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

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

47.50 Road, brs. NE. and SW.

60.06 Set an iron post for 1/16 sec. cor. No. 3, in the center
of the NW 1/4 of sec. 34, stamped in cap

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

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

80.04 The 1/16 sec. cor. No. 6, bet. secs. 33 and 34 (N 1/4).

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

April 29, 1911. At the cor. of secs. 27, 28, 33 and 34,
I set off 14° 18' N. on the decl. arc, and at 11h 57m
25s a.m., l.m.t., observe the sun on the meridian; the
resulting lat. is 33° 08', which is within one minute
of the proper lat.

Thence I run

N. 0° 02' W. bet. secs. 27 and 28.

Over level land, through brush.

20.00 Set an iron post for 1/16 sec. cor. No. 12, bet. secs. 27
and 28 (S 1/4), stamped in cap

1/16 S 28 in W. half
S 27 in E. half
No 12 in N.
1911 in S.

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

40.00 Set an iron post for 1/4 sec. cor. bet. secs. 27 and 28,
stamped in cap

1/4 S 28 in W. half
S 27 in E. half
1911 in S.

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

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

60.00 Set an iron post for 1/16 sec. cor. No. 6, bet. secs. 27
and 28 (N 1/4), stamped in cap

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

Chains

1/16 S 28 in W. half
S 27 in E. half
No 6 in N.
1911 in S.

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

80.00 Set an iron post for the cor. of secs. 21, 22, 27 and 28,
stamped in cap

T 3 S S 22 in NE. quadrant
R 3 E S 27 in SE. quadrant
S 28 in SW. quadrant
S 21 in NW. quadrant

1911 in S.
2 notches on S. and 3 notches on E. edge

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

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

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

S. 89° 55' E. on a random line bet. secs. 22 and 27.

20.00 Set temp. 1/16 sec. cor.

40.00 Set temp. 1/4 sec. cor.

60.00 Set temp. 1/16 sec. cor.

80.00 Intersect the cor. of secs. 22, 23, 26 and 27.

Thence I run

N. 89° 55' W. on a true line bet. secs. 22 and 27.

Over level land, through brush.

3.00 Dry wash, 30 lks. wide, 5 ft. deep, course NW.

19.50 Dry wash, 50 lks. wide, 5 ft. deep, course NW.

20.00 Set an iron post for 1/16 sec. cor. No. 1, bet. secs. 22
and 27 (E 1/2), stamped in cap

No 1 1/16 S 22 in N. half
S 27 1911 in S. half

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

31.50 Road, brs. NW. and SE.

40.00 Set an iron post for 1/4 sec. cor. bet. secs. 22 and 27,
stamped in cap

1/4 S 22 in N. half
S 27 1911 in S. half

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

Chains

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

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

60.00 Set an iron post for 1/16 sec. cor. No. 2, bet. secs. 22 and 27 (W 1/2), stamped in cap

No 2 1/16 S 22 in N. half
S 27 1911 in S. half

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

80.00 The cor. of secs. 21, 22, 27 and 28.

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

From the 1/16 sec. cor. No. 12, bet. secs. 27 and 28 (S 1/2) I run

S. 89° 55' E. on a random line through the middle of the S. half of sec. 27.

20.00 Set temp. 1/16 sec. cor.

40.00 Set temp. 1/16 sec. cor.

60.00 Set temp. 1/16 sec. cor.

80.04 Falls 2 lks. N. of the 1/16 sec. cor. No. 12, bet. secs. 26 and 27 (S 1/2).

Thence I run

N. 89° 54' W. on a true line through the middle of the S. half of sec. 27.

Over level land, through brush.

(Santa Cruz)

8.50 Wash ^ 40 lks. wide, 4 ft. deep, course N.

20.01 Set an iron post for the 1/16 sec. cor. No. 11, in the center of the SE 1/4 of sec. 27, stamped in cap

No 11 in N.
1/16 S 27 in center
1911 in S.

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

40.02 Set an iron post for the 1/16 sec. cor. No. 10, bet. the NE. and SW. quarters of sec. 27, stamped in cap

No 10 in N.
1/16 S 27 in center
1911 in S.

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

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

Chains

60.03 Set an iron post for 1/16 sec. cor. No. 9, in the center of the SW $\frac{1}{4}$ of sec. 27, stamped in cap

No 9 in N.
1/16 S 27 in center
1911 in S.

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

80.04 The 1/16 sec. cor. No. 12, bet. secs. 27 and 28 (S $\frac{1}{2}$).

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



From the $\frac{1}{4}$ sec. cor. bet. secs. 27 and 28, I run S. 89° 55' E. on a random line through the middle of sec. 27.

20.00 Set temp. 1/16 sec. cor.

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

60.00 Set temp. 1/16 sec. cor.

80.04 Falls 4 lks. S. of the $\frac{1}{4}$ sec. cor. bet. secs. 26 and 27.

Thence I run N. 89° 57' W. on a true line through the middle of sec. 27. Over level land, through brush.

12.14 Dry wash, 30 lks. wide, 4 ft. deep, course NE.

20.01 Set an iron post for 1/16 sec. cor. No. 7, bet. the NE. and SE. quarters of sec. 27, stamped in cap

No 7 in N.
1/16 S 27 in center
1911 in S.

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

40.02 Set an iron post for the center $\frac{1}{4}$ sec. cor. of sec. 27, stamped in cap

C $\frac{1}{4}$ S 27 in center
1911 in S.

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

60.03 Set an iron post for 1/16 sec. cor. No. 8, bet. the NW. and SW. quarters of sec. 27, stamped in cap

No 8 in N.
1/16 S 27 in center
1911 in S.

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

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

Chains

30.04 The 1/4 sec. cor. bet. secs. 27 and 28.

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

From the 1/16 sec. cor. No. 6, bet. secs. 27 and 28,
I run

S. 89° 55' E. on a random line through the middle of the
N. half of sec. 27.

20.00 Set temp. 1/16 sec. cor.

40.00 Set temp. 1/16 sec. cor.

60.00 Set temp. 1/16 sec. cor.

80.08 Falls 7 lks. S. of the 1/16 sec. cor. bet. secs. 26 and
27 (S 1/2).

Thence I run

N. 89° 58' W. on a true line through the middle of the N.
half of sec. 27.

Over level land, through brush.

9.50 Dry wash, 30 lks. wide, 3 ft. deep, course NE.

20.02 Set an iron post for 1/16 sec. cor. No. 5, in the center
of the NE 1/4 of sec. 27, stamped in cap

No 5 in N.
1/16 S 27 in center
1911 in S.

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

40.04 Set an iron post for 1/16 sec. cor. No. 4, bet. the NE.
and NW. quarters of sec. 27, stamped in cap

No 4 in N.
1/16 S 27 in center
1911 in S.

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

60.06 Set an iron post for 1/16 sec. cor. No. 3, in the center
of the NW 1/4 of sec. 27, stamped in cap

No 3 in N.
1/16 S 27 in center
1911 in S.

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

80.08 The 1/16 sec. cor. No. 6, bet. secs. 27 and 28 (N 1/2).

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

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

Chains

May 1, 1911. At 7.00 a.m., l.m.t., I set off 33° 08' on the lat. arc, 14° 53' N. on the decl. arc, and determine a meridian with the solar, at the cor. of secs. 21, 22, 27 and 28.

Thence I run

N. 0° 02' W. bet. secs. 21 and 22.

Over level land, through brush.

20.00 Set an iron post for 1/16 sec. cor. No. 12, bet. secs. 21 and 22 (S $\frac{1}{16}$), stamped in cap

1/16 S 21 in W. half
S 22 in E. half
No 12 in N.
1911 in S.

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

38.00 Drain, course SE.

40.00 Set an iron post for $\frac{1}{4}$ sec. cor. bet. secs. 21 and 22, stamped in cap

$\frac{1}{4}$ S 21 in W. half
S 22 in E. half
1911 in S.

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

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

56.00 Santa Cruz wash, 15 lks. wide, 3 ft. deep, course SW.

60.00 Set an iron post for 1/16 sec. cor. No. 6, bet. secs. 21 and 22 (N $\frac{1}{16}$), stamped in cap

1/16 S 21 in W. half
S 22 in E. half
No 6 in N.
1911 in S.

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

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

80.00 Set an iron post for the cor. of secs. 15, 16, 21 and 22, stamped in cap

T 3 S S 15 in NE. quadrant
R 3 E S 22 in SE. quadrant
S 21 in SW. quadrant
S 16 in NW. quadrant
1911 in S.

3 notches on S. and 3 notches on E. edge

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

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

Chains

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

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

S. 89° 55' E. on a random line bet. secs, 15 and 22.

20.00 Set temp. 1/16 sec. cor.

40.00 Set temp. 1/4 sec. cor.

60.00 Set temp. 1/16 sec. cor.

80.04 Falls 4 lks. S. of the cor. of secs. 14, 15, 22 and 23.

Thence I run

N. 89° 57' W. on a true line ~~th~~ bet. secs. 15 and 22.

Over level land, through brush.

1.70 Road, brs. NE. and SW.

20.01 Set an iron post for 1/16 sec. cor. No. 1, bet. secs. 15 and 22 (E 1/2), stamped in cap

No 1 1/16 S 15 in N. half
S 22 1911 in S. half

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

38.00 Road, brs. NW. and SE.

40.02 Set an iron post for 1/4 sec. cor. bet. secs. 15 and 22, stamped in cap

1/4 S 15 in N. half
S 22 1911 in S. half

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

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

60.03 Set an iron post for 1/16 sec. cor. No. 2, bet. secs. 15 and 22 (W 1/2), stamped in cap

No 2 1/16 S 15 in N. half
S 22 1911 in S. half

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

80.04 The cor. of secs. 15, 16, 21 and 22.

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

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

Chains

From the 1/16 sec. cor. No. 12, bet. secs. 21 and 22 (S $\frac{1}{2}$), I run

S. 89° 55' E. on a random line through the middle of the S. half of sec. 22.

20.00 Set temp. 1/16 sec. cor.

40.00 Set temp. 1/16 sec. cor.

60.00 Set temp. 1/16 sec. cor.

80.08 Falls 4 lks. S. of the 1/16 sec. cor. No. 6, bet. secs. 22 and 23 (S $\frac{1}{2}$).

Thence I run

N. 89° 57' W. on a true line through the middle of the S. half of sec. 22.

Over level land, through brush.

20.02 Set an iron post for 1/16 sec. cor. No. 11, in the center of the SE $\frac{1}{4}$ of sec. 22, stamped in cap

No 11 in N.
1/16 S 22 in center
1911 in S.

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

25.00 Dry wash, 30 lks. wide, 3 ft. deep, course NE.

40.04 Set an iron post for 1/16 sec. cor. No. 10, bet. the SE. and SW. quarters of sec. 22, stamped in cap

No 10 in N.
1/16 S 22 in center
1911 in S.

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

60.06 Set an iron post for 1/16 sec. cor. No. 9, in the center of the SW $\frac{1}{4}$ of sec. 22, stamped in cap

No 9 in N.
1/16 S 22 in center
1911 in S.

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

80.08 The 1/16 sec. cor. No. 12, bet. secs. 21 and 22 (S $\frac{1}{2}$).

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

From the $\frac{1}{4}$ sec. cor. bet. secs. 21 and 22, I run

S. 89° 55' E. on a random line through the middle of sec. 22.

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

Chains

20.00 Set temp. 1/16 sec. cor.

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

80.00 Falls 2 lks. S. of the 1/4 sec. cor. bet. secs. 22 and 23, S 1/2.

Thence I run

N. 89° 56' W. on a true line through the middle of sec. 22.

Over level land, through brush.

20.00 Set an iron post for 1/16 sec. cor. No. 7, bet. the NE. and SE. quarters of sec. 22, stamped in cap

No 7 in N.
1/16 S 22 in center
1911 in S.

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

40.00 Set an iron post for center 1/4 sec. cor. of sec. 22, stamped in cap

C 1/4 S 22 in center
1911 in S.

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

40.50 Dry wash, 20 lks. wide, course NW.

60.00 Set an iron post for 1/16 sec. cor. No. 8, bet. the NW. and SW. quarters of sec. 22, stamped in cap

No 8 in N.
1/16 S 22 in center
1911 in S.

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

80.00 The 1/4 sec. cor. bet. secs. 21 and 22.

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

From the 1/16 sec. cor. No. 6, bet. secs. 21 and 22, (N 1/2), I run

S. 89° 55' E. on a random line through the middle of the N. half of sec. 22.

20.00 Set temp. 1/16 sec. cor.

40.00 Set temp. 1/16 sec. cor.

60.00 Set temp. 1/16 sec. cor.

80.04 Falls 4 lks. S. of the 1/16 sec. cor. No. 6, bet. secs. 22 and 23 (N 1/2).

Thence I run

70

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

Chains

N. 89° 57' W. on a true line through the middle of the N. half of sec. 22.

Over level land, through brush.

20.01 Set an iron post for 1/16 sec. cor. No. 5, in the center of the NE. quarter of sec. 22, stamped in cap

No 5 in N.
1/16 S 22 in center
1911 in S.

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

40.02 Set an iron post for 1/16 sec. cor. No. 4, bet. the NE. and NW. quarters of sec. 22, stamped in cap

No 4 in N.
1/16 S 22 in center
1911 in S.

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

60.03 Set an iron post for 1/16 sec. cor. No. 3, in the center of the NW 1/4 of sec. 22, stamped in cap

No 3 in N.
1/16 S 22 in center
1911 in S.

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

80.04 The 1/16 sec. cor. No. 6, bet. secs. 21 and 22 (N 1/2).

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

May 1, 1911. At the cor. of secs. 15, 16, 21 and 22, I set off 14° 56' N. on the decl. arc, and at 11h 57m 08s a.m., l.m.t., observe the sun on the meridian; the resulting lat. is 33° 09', which is within one minute of the proper lat.

Thence I run

N. 0° 02' W. bet. secs. 15 and 16.

Over level land, through brush.

20.00 Set an iron post for 1/16 sec. cor. No. 12, bet. secs. 15 and 16 (S 1/2), stamped in cap

1/16 S 16 in W. half
S 15 in E. half
No 12 in N.
1911 in S.

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

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

Chains

40.00 Set an iron post for 1/4 sec. cor. bet. secs. 15 and 16, stamped in cap

1/4 S 16 in W. half
S 15 in E. half
1911 in S.

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

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

42.75 Road, brs. NW. and SE.

50.00 Enter dense catolaw and arrowweed.

53.00 Bank, 12 ft. high, brs. E. and W.

60.00 Set an iron post for 1/16 sec. cor. No. 6, bet. secs. 15 and 16 (N 1/2), stamped in cap

1/16 S 16 in W. half
S 15 in E. half
No 6 in N.
1911 in S.

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

80.00 Set an iron post for the cor. of secs. 9, 10, 15 and 16, stamped in cap

T 3 S S 10 in NE. quadrant
R 3 E S 15 in SE. quadrant
S 16 in SW. quadrant
S 9 in NW. quadrant
1911 in S.

4 notches on S. and 3 notches on E. edge

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

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

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

S. 89° 57' E. on a true line bet. frac. secs. 10 and 15.

Over level land, through brush.

1.90 Left bank of Gila River, course NW. (Bank, 4 ft. high).

Set an iron post for M.C. of frac. secs. 10 and 15, stamped in cap

M C in E.
T 3 S S 15 in SW.
R 3 E S 10 in NW.
1911 in S.
4 notches on S.

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

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

Chains

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

From the 1/16 sec. cor. No. 12, bet. secs. 15 and 16 (S $\frac{1}{2}$)
I run

S. 89° 57' E. on a random line through the middle of the
S. half of sec. 15.

20.00 Set temp. 1/16 sec. cor.

40.00 Set temp. 1/16 sec. cor.

60.00 Set temp. 1/16 sec. cor.

80.04 Falls 2 lks. N. of 1/16 sec. cor. No. 12, bet. secs. 14
and 15 (S $\frac{1}{2}$).

Thence I run

N. 89° 56' W. on a true line through the middle of the
S. half of sec. 15.

Over level land, through brush.

20.01 Set an iron post for 1/16 sec. cor. No. 11, in the center
of the SE $\frac{1}{4}$ of sec. 15, stamped in cap

No 11 in N.
1/16 S 15 in center
1911 in S.

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

40.02 Set an iron post for 1/16 sec. cor. No. 10, bet. the SE.
and SW. quarters of sec. 15, stamped in cap

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

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

45.00 Road, brs. NW. and SE.

57.00 Road, brs. NE. and SW.

60.03 Set an iron post for 1/16 sec. cor. No. 9, in the center
of the SW $\frac{1}{4}$ of sec. 15, stamped in cap

No 9 in N.
1/16 S 15 in center
1911 in S.

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

80.04 The 1/16 sec. cor. No. 12, bet. secs. 15 and 16 (S $\frac{1}{2}$).

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

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

Chains

- From the $\frac{1}{4}$ sec. cor. bet. secs. 15 and 16, I run
S. $89^{\circ} 57'$ E. on a random line through the middle of sec.
15.
- 20.00 Set temp. $1/16$ sec. cor.
- 40.00 Set temp. center $\frac{1}{4}$ sec. cor.
- 60.00 Set temp. $1/16$ sec. cor.
- 80.00 Falls 7 lks. N. of point for $\frac{1}{4}$ sec. cor. bet. secs. 14
and 15.
- Thence I run
N. $89^{\circ} 54'$ W. on a true line through the middle of sec. 15
- 9.20 Left bank of Gila River, course NW. (Bank, 4 ft. high).
Set an iron post for $1/16$ M.C. of frac. sec. 15, stamped
in cap
- M C in E.
 $1/16$ S 15 in W.
1911 in S.
- Dig a pit $36 \times 36 \times 12$ ins. 8 ft. W. of post; and raise a
mound of earth 4 ft. base, 2 ft. high, W. of cor.
- Enter brush.
- 20.00 Set an iron post for $1/16$ sec. cor. No. 7, bet. the NE.
and SE. quarters of sec. 15, stamped in cap
- No 7 in N.
 $1/16$ S 15 in center
1911 in S.
- Dig pits $18 \times 18 \times 12$ ins. E. and W. of post 3 ft. dist.;
and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high,
N. of cor.
- 40.00 Set an iron post for center $\frac{1}{4}$ sec. cor. of sec. 15,
stamped in cap
- C $\frac{1}{4}$ S 15 in center
1911 in S.
- Dig pits $18 \times 18 \times 12$ ins. E., W. and S., 3 ft., and N. of
post 7 ft. dist.; and raise a mound of earth 4 ft. base,
2 ft. high, N. of cor.
- 60.00 Set an iron post for $1/16$ sec. cor. No. 8, bet. the NW.
and SW. quarters of sec. 15, stamped in cap
- No 8 in N.
 $1/16$ S 15 in center
1911 in S.
- Dig pits $18 \times 18 \times 12$ ins. E. and W. of post 3 ft. dist.;
and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high,
N. of cor.
- 75.00 Road, brs. NW. and SE.
- 80.00 The $\frac{1}{4}$ sec. cor. bet. secs. 15 and 16.
- Land, level river bed, 9.20 chs.
Soil, 2nd rate.
Brush, mesquite and arrowweed, 70.80 chs.
-

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

Chains

From the 1/16 sec. cor. No. 6, bet. secs. 15 and 16 (N $\frac{1}{2}$), I run

S. 89° 57' E. on a true line through frac. sec. 15.

Over level land, through brush.

20.00 Set an iron post for 1/16 sec. cor. No. 3, in the center of the NW $\frac{1}{4}$ of sec. 15, stamped in cap

No 3 in N.
1/16 S 15 in center
1911 in S.

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

39.20 Left bank of Gila River, course-NW. (Bank, 6 ft. high).

Set an iron post for 1/16 M.C. of frac. sec. 15, stamped in cap

M C in E.
1/16 S 15 in W.
1911 in S.

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

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

From the 1/16 sec. cor. No. 7, bet. the NE. and SE. quarters of sec. 15, I run

N. 0° 01' W. on a true line through E. half of frac. sec. 15.

Over level land, through brush.

8.90 Right bank of Gila River, course NW.; bank, 6 ft. high.

Set an iron post for 1/16 M.C. of frac. sec. 15, stamped in cap

M C in N.
1/16 S 15 1911 in S.

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

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

From the center $\frac{1}{4}$ sec. cor. of sec. 15, I run

N. 0° 01' W. on a true line through the middle of frac. sec. 15 (N $\frac{1}{2}$).

Over level land, through brush.

19.70 Left bank of Gila River, course NW.; bank, 5 ft. high.

Set an iron post for 1/16 M.C. of frac. sec. 15, stamped in cap

Doc. 442

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

Chains

M C in N.
1/16 S 15 1911 in S.

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

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

From the 1/16 sec. cor. No. 3, in the center of the NW $\frac{1}{4}$ of sec. 15, I run

N. 0° 01' W. on a true line through the W. half of sec. 15.
Over level land, through brush.

4.60 Left bank of Gila River, course NW.; bank, 4 ft. high.

Set an iron post for 1/16 M.C. of frac. sec. 15, stamped in cap

M C in N.
1/16 S 15 1911 in S.

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

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

May 1, 1911.

May 2, 1911. At 7.00 a.m., l.m.t., I set off 33° 12' on the lat. arc, 15° 11' N. on the decl. arc, and determine a meridian with the solar, at the cor. of secs. 9, 10, 15 and 16.

Thence I run

N. 0° 02' W. bet. secs. 9 and 10.

Over level land, through brush.

.76 Left bank of Gila River, course W.; bank, 4 ft. high.

Set an iron post for M.C. of frac. secs. 9 and 10, stamped in cap

M C in N.
T 3 S S 9 in SW.
R 3 E S 10 in SE.
1911 in S.
3 notches on E. edge

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

Enter river bed, covered with dense arrow weed.

20.00 Point for 1/16 sec. cor. No. 12, bet. secs. 9 and 10, falls on river bed.

Leave arrow weed; enter sand.

36.00 Main channel of river.

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

Chains

- 40.00 Point for $\frac{1}{4}$ sec. cor. bet. secs. 9 and 10, falls in river bed.
- 60.00 Point for $\frac{1}{16}$ sec. cor. No. 6, bet. secs. 9 and 10 ($N\frac{1}{2}$) falls in river.
- 80.00 Point for cor. of secs. 3, 4, 9 and 10, falls in river.
Land, level.
Soil, 2nd rate, 1.00 ch.; sand, 79.00 chs.
Brush, 20.00 chs.
-
- East on a random line bet. secs. 3 and 10.
- 20.00 Set temp. $\frac{1}{16}$ sec. cor.
- 40.00 Set temp. $\frac{1}{4}$ sec. cor.
- 60.00 Set temp. $\frac{1}{16}$ sec. cor.
- 80.00 Falls 10 lks. N. of cor. of secs. 2, 3, 10 and 11.
Thence I run
N. $89^{\circ} 56'$ W. on a true line bet. secs. 3 and 10.
Over level land, through brush.
- 7.80 Road, brs. SE. and NW.
- 20.00 Set an iron post for $\frac{1}{16}$ sec. cor. No. 1, bet. secs. 3 and 10 ($E\frac{1}{2}$), stamped in cap

No 1 $\frac{1}{16}$ S 3 in N. half
S 10 1911 in S. half

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.;
and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high,
N. of cor.
- 40.00 Set an iron post for $\frac{1}{4}$ sec. cor. bet. secs. 3 and 10,
stamped in cap

 $\frac{1}{4}$ S 3 in N. half
S 10 1911 in S.

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.;
and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high,
N. of cor.
- 60.00 Set an iron post for $\frac{1}{16}$ sec. cor. No. 2, bet. secs. 3 and 10 ($W\frac{1}{2}$), stamped in cap

No 2 $\frac{1}{16}$ S 3 in N. half
S 10 1911 in S. half

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.;
and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high,
N. of cor.
- 63.20 Right bank of Gila River, course NW.; bank, 6 ft. high.

Set an iron post for M.C. of frac. secs. 3 and 10,
stamped in cap

M C in W.
T 3 S S 3 in NE.
R 3 E S 10 in SE.
1911 in S.
5 notches on S.

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

Chains

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

Leave brush and enter sand.

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

Land, level.
Soil, 2nd rate, 63.20 chs.; sand, 16.80 chs.
Brush, mesquite and sage, 63.20 chs.

From the 1/4 sec. cor. bet. secs. 10 and 11, I run West on a true line through the middle of frac. sec. 10. Over level land, through brush.

20.00 Set an iron post for 1/16 sec. cor. No. 7, bet. the NE. and SE. quarters of sec. 10, stamped in cap

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

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

40.00 Set an iron post for center 1/4 sec. cor. of sec. 10, stamped in cap

C 1/4 S 10 in center
1911 in S.

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

44.20 Right bank of Gila River, course N.; bank, 4 ft. high.

Set an iron post for 1/16 M.C. of frac. sec. 10, stamped in cap

M C in W.
1/16 S 10 in E.
1911 in S.

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

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

From the 1/16 sec. cor. No. 7, bet. the NE. and SE. quarters of sec. 10, I run

S. 0° 01' E. on a true line through the E. half of frac. sec. 10.

Over level land, through brush.

14.40 Right bank of Gila River, course W.; bank, 4 ft. high.

Set an iron post for 1/16 M.C. of frac. sec. 10, stamped in cap

BOOK 3756

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

Chains

M C 1911. in S.
1/16 S 10 in N.

Dig a pit 36x36x12 ins. N. of post, 5 ft. dist.; and raise a mound of earth 4 ft. base, 2 ft. high, N. of cor.

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

From the center $\frac{1}{4}$ sec. cor. of sec. 10, I run S. 0° 01' E. on a true line through the middle of frac. sec. 10. ($S\frac{1}{2}$).

Over level land, through brush.

6.50 Right bank of Gila River, course NW.; bank, 4 ft. high.

Set an iron post for 1/16 M.C. of frac. sec. 10, stamped in cap

M C 1911 in S.
1/16 S 10 in N.

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

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

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

West on a true line through the N. half of frac. sec. 10.

Over level land, through brush.

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

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

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

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

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

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

44.50 Right bank of Gila River, course N.; bank, 4 ft. high.

Set an iron post for 1/16 M.C. of frac. sec. 10, stamped in cap

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

Chains

M C in W.
1/16 S 10 in E.
1911 in S.

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

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

From the 1/16 sec. cor. No. 2, bet. secs. 3 and 10,
I run

S. 0° 01' E. on a true line through the W. half of sec. 10.
Over level land, through brush.

3.60 Right bank of Gila River, course NW.; bank, 4 ft. high.

Set an iron post for 1/16 M.C. of frac. sec. 10, stamped in cap

M C 1911 in S.
1/16 S 10 in N.

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

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

May 2, 1911. At the point for the cor. of secs. 3, 4, 9 and 10, I set off 14° 56' N. on the decl. arc, and at 11h 57m a.m., l.m.t., observe the sun on the meridian; the resulting lat. is 33° 11', which is within one minute of the proper lat.

Thence I run

N. 0° 02' W. on a random line bet. secs. 3 and 4.

20.00 Set temp. 1/16 sec. cor.

40.00 Set temp. 1/4 sec. cor.

60.00 Set temp. 1/16 sec. cor.

80.14 Falls 2 lks. W. of the cor. of secs. 3, 4, 33 and 34, on N. bdy. of Tp., previously described.

Thence I run

S. 0° 01' E. on a true line bet. secs. 3 and 4.

Over level land, through brush.

20.14 Set an iron post for 1/16 sec. cor. No. 6, bet. secs. 3 and 4 (N 1/2), stamped in cap

1/16 S 4 in W. half
S 3 in E. half
No 6 in N.
1911 in S.

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

Chains

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

40.14 Set an iron post for 1/4 sec. cor. bet. secs. 3 and 4, stamped in cap

1/4 S 4 in W. half
S 3 in E. half
1911 in S.

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

45.64 Road, brs. NW. and SE.

60.14 Set an iron post for 1/16 sec. cor. No. 12, bet. secs. 3 and 4 (S 1/2), stamped in cap

1/16 S 4 in W. half
S 3 in E. half
No 12 in N.
1911 in S.

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

73.44 Right bank of Gila River, course W.; bank, 6 ft. high.

Set an iron post for M.C. of frac. secs. 3 and 4, stamped in cap

M C 1911 in S.
T 3 S S 3 in NE.
R 3 E S 4 in NW.
3 notches on E. edge

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

80.14 The point for cor. of secs. 3, 4, 9 and 10.

Land, level.
Soil, 2nd rate, 73.14 chs.; sandy, 7.00 chs.
Brush, mesquite, sage and arrow weed.

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

S. 89° 56' E. on a random line through the middle of the S. half of sec. 3.

20.00 Set temp. 1/16 sec. cor.

40.00 Set temp. 1/16 sec. cor.

60.00 Set temp. 1/16 sec. cor.

80.00 Falls 7 lks. S. of the 1/16 sec. cor. No. 12, bet. secs. 2 and 3 (S 1/2).

Thence I run

N. 89° 59' W. on a true line through the middle of sec. 3, S. half

BOOK 898

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

Chains

Over level land, through brush.

20.00 Set an iron post for 1/16 sec. cor. No. 11, in the center of the SE $\frac{1}{4}$ of sec. 3, stamped in cap

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

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

40.00 Set an iron post for 1/16 sec. cor. No. 10, bet. the SE. and SW. quarters of sec. 3, stamped in cap

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

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

46.00 Road, brs. NE. and SW.

60.00 Set an iron post for 1/16 sec. cor. No. 9, in the center of the SW $\frac{1}{4}$ of sec. 3, stamped in cap

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

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

61.00 Road, brs. NW. and SE.

80.00 The 1/16 sec. cor. No. 12, bet. secs. 3 and 4 (S $\frac{1}{2}$).

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

From the $\frac{1}{4}$ sec. cor. bet. secs. 3 and 4, I run S. 89° 56' E. on a random line through the middle of sec. 3.

20.00 Set temp. 1/16 sec. cor.

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

60.00 Set temp. 1/16 sec. cor.

80.00 Intersect the $\frac{1}{4}$ sec. cor. bet. secs. 2 and 3.

Thence I run N. 89° 56' W. on a true line through the middle of sec. 3.
Over level land, through brush.

11.50 Road, brs. NE. and SW.

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

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

Chains

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

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

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

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

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

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

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

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

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

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

From the 1/16 sec. cor. No. 6, bet. secs. 3 and 4 (N 1/2),
I run

S. 89° 56' E. on a random line through the middle of the
N. half of sec. 3.

20.00 Set temp. 1/16 sec. cor.

40.00 Set temp. 1/16 sec. cor.

60.00 Set temp. 1/16 sec. cor.

80.00 Intersect the 1/16 sec. cor. No. 6, bet. secs. 2 and 3, N 1/2.

Thence I run

N. 89° 56' W. on a true line through the middle of the N.
half of sec. 3.

Over level land, through brush.

20.00 Set an iron post for 1/16 sec. cor. No. 5, in the center
of the NE 1/4 of sec. 3, stamped in cap

No 5 in N.
1/16 S 3 in center
1911 in S.

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.;
and raise a mound of earth 3 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.

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

Chains

and NW. quarters of sec. 3, stamped in cap

No 4 in N.
1/16 S 3 in center
1911 in S.

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

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

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

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

80.00 The 1/16 sec. cor. No. 6, bet. secs. 3 and 4 (N 1/2).

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

May 2, 1911.

April 29, 1911. At 7.00 a.m., l.m.t., I set off 33° 07'
on the lat. arc, 14° 15' N. on the decl. arc, and deter-
mine a meridian with the solar, at the cor. of secs. 4,
5, 32 and 33, on S. bdy. of Tp.

Thence I run

N. 0° 02' W. bet. secs. 32 and 33.

Over level land, through brush.

20.00 Set an iron post for 1/16 sec. cor. No. 12, bet. secs.
32 and 33 (S 1/2), stamped in cap

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

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

40.00 Set an iron post for the 1/4 sec. cor. bet. secs. 32 and 33,
stamped in cap

1/4 S 32 in W. half
S 33 in E. half
1911 in S.

Dig pits 18x18x12 ins. N. and S. of post 3 ft. dist.;
and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high,
W. of cor. old
(No trace of the 1/4 sec. cor. found)

60.00 Set an iron post for 1/16 sec. cor. No. 6, bet. secs. 32
and 33 (N 1/2), stamped in cap

Subdivision of T. 3 S., P. 3 E.

Chains

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

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

80.00 Set an iron post for the cor. of secs. 28, 29, 32 and 33,
 stamped in cap

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

1911 in S.

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

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

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

Land, level.

Soil, 2nd rate.

Brush, mesquite and sage.

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

20.00 Set temp. 1/16 sec. cor.

40.00 set temp. ¼ sec. cor.

60.00 Set temp. 1/16 sec. cor.

80.00 Intersect the cor. of secs. 27, 28, 33 and 34.

Thence I run

West on a true line bet. secs. 28 and 33.

Over level land, through brush.

20.00 Set an iron post for 1/16 sec. cor. No. 1, bet. secs. 28
 and 33 (E½), stamped in cap

No 1 1/16 S 28 in N. half
 S 33 1911 in S. half

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

40.00 Set an iron post for the ¼ sec. cor. bet. secs. 28 and 33,
 stamped in cap

¼ S 28 in N. half
 S 33 1911 in S. half

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

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

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

Chains

60.00 Set an iron post for 1/16 sec. cor. No. 2, bet. secs. 28 and 33 (W $\frac{1}{2}$), stamped in cap

No 2 1/16 S 28 in N. half
S 33 1911 in S. half

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

61.00 Dry wash, 150 lks. wide, 4 ft. deep, course N.

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

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

From the 1/16 sec. cor. No. 12, bet. secs. 32 and 33 (S $\frac{1}{2}$), I run

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

20.00 Set temp. 1/16 sec. cor.

40.00 Set temp. 1/16 sec. cor.

60.00 Set temp. 1/16 sec. cor.

80.00 Intersect the 1/16 sec. cor. No. 12, bet. secs. 34 and 35, S $\frac{1}{2}$.

Thence 1 run

West on a true line through the middle of the S. half of sec. 33.

Over level land, through brush.

20.00 Set an iron post for 1/16 sec. cor. No. 11, in the center of the S $\frac{1}{4}$ of sec. 33, stamped in cap

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

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

40.00 Set an iron post for 1/16 sec. cor. No. 10, bet. the SE. and SW. quarters of sec. 33, stamped in cap

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

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

44.00 Enter timber, brs. N. and S.

50.00 Dry wash, 5 ft. deep, 150 lks. wide, course N.

58.00 Leave timber, brs. N. and S.

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

Chains

60.00 Set an iron post for 1/16 sec. cor. No. 9, in the center of the SW $\frac{1}{4}$ of sec. 33, stamped in cap

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

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

78.00 Dry wash, 50 lks. wide, 4 ft. deep, course N.

80.00 The 1/16 sec. cor. No. 12, bet. secs. 32 and 33 (S $\frac{1}{4}$).

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

From the $\frac{1}{4}$ sec. cor. bet. secs. 32 and 33, I run East on a random line through the middle of sec. 33.

20.00 Set temp. 1/16 sec. cor.

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

60.00 Set temp. 1/16 sec. cor.

80.00 Falls 4 lks. S. of the $\frac{1}{4}$ sec. cor. bet. secs. 33 and 34.

Thence I run

S. 89° 58' W. on a true line through the middle of sec. 33. Over level land, through brush.

20.00 Set an iron post for 1/16 sec. cor. No. 7, bet. the NE. and SE. quarters of sec. 33, stamped in cap

No 7 in N.
1/16 S 33 in center
1911 in S.

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

40.00 Set an iron post for the center $\frac{1}{4}$ sec. cor. of sec. 33, stamped in cap

C $\frac{1}{4}$ S 33 in center
1911 in S.

Dig pits 18x18x12 ins., E., W. and S., 5 ft., and N. of post 7 ft. dist.; and raise a mound of earth 4 ft. base, 2 ft. high, N. of cor.

60.00 Set an iron post for 1/16 sec. cor. No. 8, bet. the NW. and SW. quarters of sec. 33, stamped in cap

No 8 in N.
1/16 S 33 in center
1911 in S.

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

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

Chains

61.50 Dry wash, 8 ft. deep, course N., (50 lks. wide.).

80.00 The 1/4 sec. cor. bet. secs. 32 and 33.

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



From the 1/16 sec. cor. No. 6, bet. secs. 32 and 33 (N 1/2),
I run

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

20.00 Set temp. 1/16 sec. cor.

40.00 Set temp. 1/16 sec. cor.

60.00 Set temp. 1/16 sec. cor.

80.00 Falls 12 lks. S. of the 1/16 sec. cor. No. 6, bet. secs.
33 and 34 (N 1/2).

Thence I run

S. 89° 55' W. on a true line through the middle of the
N. half of sec. 33.

Over level land, through brush.

8.00 Dry wash, 20 lks. wide, 4 ft. deep, course N. 80° W.

20.00 Set an iron post for 1/16 sec. cor. No. 5, in the center
of the NE 1/4 of sec. 33, stamped in cap

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

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

40.00 Set an iron post for 1/16 sec. cor. No. 4, bet. the NE.
and NW. quarters of sec. 33, stamped in cap

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

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

57.00 Dry wash, 100 lks. wide, 6 ft. deep, course N.

60.00 Set an iron post for 1/16 sec. cor. No. 3, in the center
of the NW 1/4 of sec. 33, stamped in cap

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

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

63.00 Dry wash, 100 lks. wide, 6 ft. deep, course N.

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

Chains

80.00 The 1/16 sec. cor. No. 6, bet. secs. 32 and 33 (N $\frac{1}{2}$).

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

April 29, 1911. At the cor. of secs. 28, 29, 32 and 33, I set off 14° 18' N. on the decl. arc, and at 1h 57m 25s a.m., l.m.t., observe the sun on the meridian; the resulting lat. is 33° 08', which is within one minute of the correct lat.

Thence I run

N. 0° 02' W. bet. secs. 28 and 29.

Over level land, through brush.

20.00 Set an iron post for 1/16 sec. cor. No. 12, bet. secs. 28 and 29 (S $\frac{1}{2}$), stamped in cap

1/16 S 29 in W. half
S 28 in E. half
No 12 in N.
1911 in S.

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

40.00 Set an iron post for $\frac{1}{4}$ sec. cor. bet. secs. 28 and 29, stamped in cap

$\frac{1}{4}$ S 29 in W. half
S 28 in E. half
1911 in S.

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

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

45.50 Santa Cruz Wash, 115 lks. wide, course NW.

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

60.00 Set an iron post for 1/16 sec. cor. No. 6, bet. secs. 28 and 29 (N $\frac{1}{2}$), stamped in cap

1/16 S 29 in W. half
S 28 in E. half
No 6 in N.
1911 in S.

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

80.00 Set an iron post for the cor. of secs. 20, 21, 28 and 29, stamped in cap

T 3 S S 21 in NE. quadrant
R 3 E S 28 in SE. quadrant
S 29 in SW. quadrant
S 20 in NW. quadrant
1911 in S.

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

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

Chains

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

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

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

East on a random line bet. secs. 21 and 28.

20.00 Set temp. 1/16 sec. cor.

40.00 Set temp. 1/4 sec. cor.

60.00 Set temp. 1/16 sec. cor.

80.04 Falls 7 lks. N. of the cor. of secs. 21, 22, 27 and 28.

Thence I run

N. 89° 57' W. on a true line bet. secs. 21 and 28.

Over level land, through brush.

20.01 Set an iron post for 1/16 sec. cor. No. 1, bet. secs. 21 and 28 (E 1/2), stamped in cap

No 1 1/16 S 21 in N. half
S 28 1911 in S. half

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

40.02 Set an iron post for 1/4 sec. cor. bet. secs. 21 and 28, stamped in cap

1/4 S 21 in N. half
S 28 1911 in S. half

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

(No trace of the old 1/4 sec. cor. is found)

44.00 Enter circular post corral, 100 lks. ~~xx~~ in diameter.

45.00 Leave circular post corral, 100 lks. in diameter.

60.03 Set an iron post for 1/16 sec. cor. No. 2, bet. secs. 21 and 28 (W 1/2), stamped in cap

No 2 1/16 S 21 in N. half
S 28 1911 in S. half

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

80.04 The cor. of secs. 20, 21, 28 and 29.

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

Book 100

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

Chains

From the 1/16 sec. cor. No. 12, bet. secs. 28 and 29, (S $\frac{1}{2}$), I run

East on a random line through the middle of the S. half of sec. 28.

20.00 Set temp. 1/16 sec. cor.

40.00 Set temp. 1/16 sec. cor.

60.00 Set temp. 1/16 sec. cor.

80.00 Intersect the 1/16 sec. cor. No. 12, bet. secs. 27 and 28 (S $\frac{1}{2}$).

Thence I run

West on a true line through the middle of the S. half of sec. 28.

Over level land, through brush.

20.00 Set an iron post for 1/16 sec. cor. No. 11, in the center of the SE $\frac{1}{4}$ of sec. 28, stamped in cap

No 11 in N.
1/16 S 28 in center
1911 in S.

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

40.00 Set an iron post for 1/16 sec. cor. No. 10, bet. the SE. and SW. quarters of sec. 28, stamped in cap

No 10 in N.
1/16 S 28 in center
1911 in S.

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

60.00 Set an iron post for 1/16 sec. cor. No. 9, in the center of the SW $\frac{1}{4}$ of sec. 28, stamped in cap

No 9 in N.
1/16 S 28 in center
1911 in S.

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

64.00 Dry wash, 100 lks. wide, 10 ft. deep, course N.

80.00 The 1/16 sec. cor. No. 12, bet. secs. 28 and 29 (S $\frac{1}{2}$).

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

From the $\frac{1}{4}$ sec. cor. bet. secs. 28 and 29, I run

East on a random line through the middle of sec. 28.

20.00 Set temp. 1/16 sec. cor.

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

Chains

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

60.00 Set temp. $\frac{1}{16}$ sec. cor.

80.08 Falls 10 lks. N. of the $\frac{1}{4}$ sec. cor. bet. secs. 27 and 28.

Thence I run

N. 89° 56' W. on a true line through the middle of sec. 28.

Over level land, through brush.

20.02 Set an iron post for $\frac{1}{16}$ sec. cor. No. 7, bet. the NE. and SE. quarters of sec. 28, stamped in cap

No 7 in N.
 $\frac{1}{16}$ S 28 in center
1911 in S.

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

40.04 Set an iron post for center $\frac{1}{4}$ sec. cor. of sec. 28, stamped in cap

C $\frac{1}{4}$ S 28 in center
1911 in S.

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

60.06 Set an iron post for $\frac{1}{16}$ sec. cor. No. 8, bet. the NW. and SW. quarters of sec. 28, stamped in cap

No 8 in N.
 $\frac{1}{16}$ S 28 in center
1911 in S.

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

71.00 Dry wash, 8 ft. deep, 150 lks. wide, course NW.

80.04 The $\frac{1}{4}$ sec. cor. bet. secs. 28 and 29.

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

From the $\frac{1}{16}$ sec. cor. No. 6, bet. secs. 28 and 29 ($N\frac{1}{2}$), I run

East on a random line through the middle of the N. half of sec. 28.

20.00 Set temp. $\frac{1}{16}$ sec. cor.

40.00 Set temp. $\frac{1}{16}$ sec. cor.

60.00 Set temp. $\frac{1}{16}$ sec. cor.

80.04 Falls 10 lks. N. of $\frac{1}{16}$ sec. cor. No. 6, bet. secs. 27 and 28 ($N\frac{1}{2}$).

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

Chains

Thence I run

N. 89° 56' W. on a true line through the middle of the N. half of sec. 28.

Over level land, through brush.

20.01 Set an iron post for the 1/16 sec. cor. No. 5, in the center of the NE $\frac{1}{4}$ of sec. 28, stamped in cap

No 5 in N.
1/16 S 28 in center
1911 in S.

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

40.02 Set an iron post for 1/16 sec. cor. No. 4, bet. the NE. and NW. quarters of sec. 28, stamped in cap

No 4 in N.
1/16 S 28 in center
1911 in S.

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

60.03 Set an iron post for 1/16 sec. cor. No. 3, in the center of the NW $\frac{1}{4}$ of sec. 28, stamped in cap

No 3 in N.
1/16 S 28 in center
1911 in S.

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

80.04 The 1/16 sec. cor. No. 6, bet. secs. 28 and 29 (N $\frac{1}{2}$).

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

April 29, 1911.

May 1, 1911. At 7.00 a.m., l.m.t., I set off 33° 09' on the lat. arc, 14° 53' N. on the decl. arc, and determine a meridian with the solar, at the cor. of secs. 20, 21, 28 and 29.

Thence I run

N. 0° 02' W. bet. secs. 20 and 21.

Over level land, through brush.

20.00 Set an iron post for 1/16 sec. cor. No. 12, bet. secs. 20 and 21 (S $\frac{1}{2}$), stamped in cap

1/16 S 20 in W. half
S 21 in E. half
No 12 in N.
1911 in S.

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

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

Chains

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

40.00 Set an iron post for 1/4 sec. cor. bet. secs. 20 and 21, stamped in cap

1/4 S 20 in W. half
S 21 in E. half
1911 in S.

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

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

60.00 Set an iron post for 1/16 sec. cor. No. 6, bet. secs. 20 and 21 (N 1/2), stamped in cap

1/16 S 20 in W. half
S 21 in E. half
No 6 in N.
1911 in S.

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

80.00 Set an iron post for the cor. of secs. 16, 17, 20 and 21, stamped in cap

T 3 S S 16 in NE. quadrant
R 3 E S 21 in SE. quadrant
S 20 in SW. quadrant
S 17 in NW. quadrant
1911 in S.

3 notches on S. and 4 notches on E. edge

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

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

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

S. 89° 57' E. on a random line bet. secs. 16 and 21.

20.00 Set temp. 1/16 sec. cor.

40.00 Set temp. 1/4 sec. cor.

60.00 Set temp. 1/16 sec. cor.

80.04 Falls 4 lks. S. of the cor. of secs. 15, 16, 21 and 22.

Thence I run

N. 89° 59' W. on a true line bet. secs. 16 and 21.

Over level land, through brush.

20.01 Set an iron post for 1/16 sec. cor. No. 1, bet. secs. 16 and 21 (E 1/2), stamped in cap

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

Chains

No 1 1/16 S 16 in N. half
S 21 1911 in S. half

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

40.02 Set an iron post for 1/4 sec. cor. bet. secs. 16 and 21,
stamped in cap

1/4 S 16 in N. half
S 21 1911 in S. half

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

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

60.03 Set an iron post for 1/16 sec. cor. No. 2, bet. secs. 16
and 21 (W 1/2), stamped in cap

No 2 1/16 S 16 in N. half
S 21 1911 in S. half

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

76.50 Santa cruz Wash, course N.

80.04 The cor. of sec. 16, 17, 20 and 21.

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

From the 1/16 sec. cor. No. 12, bet. secs. 20 and 21 (S 1/2),
I run

S. 89° 57' E. on a random line through the middle of the
S. half of sec. 21.

20.00 Set temp. 1/16 sec. cor.

40.00 Set temp. 1/16 sec. cor.

60.00 Set temp. 1/16 sec. cor.

80.00 Falls 7 lks. S. of the 1/16 sec. cor. No. 12, bet. secs.
21 and 22 (S 1/2).

Thence I run

West on a true line through the middle of the S. half of
sec. 21.

Over level land, through brush.

20.00 Set an iron post for 1/16 sec. cor. No. 11, in the center
of sec. SE 1/4 of sec. 21, stamped in cap

No 11 in N.
1/16 S 21 in center
1911 in S.

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.;

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

Chains

and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, N. of cor.

40.00 Set an iron post for $1/16$ sec. cor. No. 10, bet. the SE. and SW. quarters of sec. 21, stamped in cap

No 10 in N.
 $1/16$ S 21 in center
 1911 in S.

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

60.00 Set an iron post for $1/16$ sec. cor. No. 9, in the center of the SW $\frac{1}{4}$ of sec. 21, stamped in cap

No 9 in N.
 $1/16$ S 21 in center
 1911 in S.

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

80.00 The $1/16$ sec. cor. No. 12, bet. secs. 20 and 21 ($S\frac{1}{2}$).

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

From the $\frac{1}{4}$ sec. cor. bet. secs. 20 and 21, I run S. $89^{\circ} 57'$ E. on a random line through the middle of sec. 21,

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

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

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

79.96 Falls 7 lks. S. of the $\frac{1}{4}$ sec. cor. bet. secs. 21 and 22.

Thence I run

West on a true line through the middle of sec. 21.

Over level land, through brush.

19.99 Set an iron post for $1/16$ sec. cor. No. 7, bet. the NE. and SE. quarters of sec. 21, stamped in cap

No 7 in N.
 $1/16$ S 21 in center
 1911 in S.

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

39.98 Set an iron post for center $\frac{1}{4}$ sec. cor. of sec. 21, stamped in cap

C $\frac{1}{4}$ S 21 in center
 1911 in S.

Dig pits $18 \times 18 \times 12$ ins. E., W. and S., 3 ft., and N. of

1001 2006

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

Chains

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

59.97 Set an iron post for 1/16 sec. cor. No. 8, bet. the NW. and SW. quarters of sec. 21, stamped in cap

No 8 in N,
1/16 S 21 in center
1911 in S.

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

79.96 The 1/4 sec. cor. bet. secs. 20 and 21.

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

From the 1/16 sec. cor. No. 6, bet. secs. 20 and 21 (N 1/4), I run

S. 89° 57' E. on a random line through the middle of the N. half of sec. 21.

20.00 Set temp. 1/16 sec. cor.

40.00 Set temp. 1/16 sec. cor.

60.00 Set temp. 1/16 sec. cor.

80.00 Intersect the 1/16 sec. cor. No. 6, bet. secs. 21 and 22 (N 1/4).

Thence I run

N. 89° 57' W. on a true line through the middle of the N. half of sec. 21.

Over level land, through brush.

7.50 Santa Cruz Wash, 150 lks. wide, 4 ft. deep, course NW.

9.50 Santa Cruz Wash, 150 lks. wide, 4 ft. deep, course SW.

11.00 Santa Cruz Wash, 150 lks. wide, 4 ft. deep, course NW.

19.00 Santa Cruz Wash, 150 lks. wide, 4 ft. deep, course SW.

20.00 Set an iron post for 1/16 sec. cor. No. 5, in the center of the NE 1/4 of sec. 21, stamped in cap

No 5 in N.
1/16 S 21 in center
1911 in S.

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

23.00 Santa Cruz Wash, 150 lks. wide, course NW.

30.00 Santa Cruz Wash, 150 lks. wide, course SW.

33.00 Santa Cruz Wash, 150 lks. wide, course NW.

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

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

Chains

NE. and NW. quarters of sec. 21, stamped in cap

No 4 in N.
1/16 S 21 in center
1911 in S.

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

44.00 Santa Cruz Wash, 150 lks. wide, course SW.

48.50 Santa Cruz Wash, 150 lks. wide, course NW.

60.00 Set an iron post for 1/16 sec. cor. No. 3, in the center
of the NW 1/4 of sec. 21, stamped in cap

No 3 in N.
1/16 S 21 in center
1911 in S.

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

80.00 The 1/16 sec. cor. No. 6, bet. secs. 20 and 21 (N 1/2).

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

May 1, 1911. At the cor. of secs. 16, 17, 20 and 21, I
set off 14° 56' N. on the decl. arc, and at 11h 57m 9s
a.m., l.m.t., observe the sun on the meridian; the re-
sulting lat. is 33° 09', which is within one minute of
the proper lat.

Thence I run

N. 0° 02' W. bet. secs. 16 and 17.

Over level land, through brush.

3.50 Santa Cruz Wash, 100 lks. wide, course NW.

10.30 Santa Cruz Wash, 100 lks. wide, course NW.

20.00 Set an iron post for 1/16 sec. cor. No. 12, bet. secs. 16
and 17 (S 1/2), stamped in cap

1/16 S 17 in W. half
S 16 in E. half
No 12 in N.
1911 in S.

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

40.00 Set an iron post for 1/4 sec. cor. bet. secs. 16 and 17,
stamped in cap

1/4 S 17 in W. half
S 16 in E. half
1911 in S.

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

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

Chains

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

60.00 Set an iron post for $\frac{1}{16}$ sec., cor. No. 6, bet. secs. 16 and 17 ($N\frac{1}{2}$), stamped in cap

$\frac{1}{16}$ S 17 in W. half
S 16 in E. half
No 6 in N.
1911 in S.

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

68.00 Drain, course SW.

80.00 Set an iron post for the cor. of secs. 8, 9, 16 and 17, stamped in cap

T 3 S S 9 in NE. quadrant
R 3 E S 16 in SE. quadrant
S 17 in SW. quadrant
S 8 in NW. quadrant
1911 in S.

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

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

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

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

S. $89^{\circ} 59'$ E. on a random line bet. secs. 9 and 16.

20.00 Set temp. $\frac{1}{16}$ sec. cor.

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

60.00 Set temp. $\frac{1}{16}$ sec. cor.

80.04 Intersect the cor. of secs. 9, 10, 15 and 16.

Thence I run

N. $89^{\circ} 59'$ W. on a true line bet. secs. 9 and 16.

Over level land, (river bottom), through brush.

4.00 Abandoned ditch, course NW.

7.00 Bank, 10 ft. high, brs. N. and S. Leave river bottom; enter level land.

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

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

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

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

Chains

40.02 Set an iron post for 1/4 sec. cor. bet. secs. 9 and 16, stamped in cap

1/4 S 9 in N. half
S 16 1911 in S. half

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

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

60.03 Set an iron post for 1/16 sec. cor. No. 2, bet. secs. 9 and 16 (W 1/4), stamped in cap

No 2 1/16 S 9 in N. half
S 16 1911 in S.

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

Bank, 12 ft. high, brs. N. 80° E. and S. 80° W.
Enter river bottom.

71.50 Bank, 12 ft. high; leave river bottom, enter level land, brs. NW. and SE.

72.50 Road, brs. NW. and SE.

80.04 The cor. of secs. 8, 9, 16 and 17.

Land, level, 62.50 chs.; river bottom, 17.50 chs.
Soil, 2nd rate.
Brush, mesquite and sage and arrow weed.

From the 1/16 sec. cor. No. 12, bet. secs. 16 and 17 (S 1/4), I run

S. 89° 59' E. on a random line through the middle of the S. half of sec. 16.

20.00 Set temp. 1/16 sec. cor.

40.00 Set temp. 1/16 sec. cor.

60.00 Set temp. 1/16 sec. cor.

80.00 Falls 4 lks. N. of the 1/16 sec. cor. No. 12, bet. secs. 15 and 16 (S 1/4).

Thence I run

N. 89° 57' W. on a true line through the middle of the S. half of sec. 16.

Over level land, through brush.

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

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

A mesquite 10 ins. dia. brs. S. 45° W., 10 lks. dist.
Mkd. 1/16 S 16 B T.

(No other B.T. available).

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

Chains

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

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

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

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

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

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

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

80.00 The 1/16 sec. cor. No. 12, bet. secs. 16 and 17 (S 1/2).

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

From the 1/4 sec. cor. bet. secs. 16 and 17, I run
S. 89° 59' E. on a random line through the middle of
sec. 16.

20.00 Set temp. 1/16 sec. cor.

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

60.00 Set temp. 1/16 sec. cor.

80.04 Falls 4 lks. N. of the 1/4 sec. cor. bet. secs. 15 and 16.

Thence I run
N. 89° 57' W. on a true line through the middle of sec. 16.
Over level land, through brush.

20.01 Set an iron post for 1/16 sec. cor. No. 7, bet. the NE. and SE. quarters of sec. 16, (E 1/2), stamped in cap

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

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

26.00 Abandoned ditch, 10 lks. wide, course NW.

40.02 Set an iron post for center 1/4 sec. cor. of sec. 16, stamped in cap

C 1/4 S 16 in center
1911 in S.

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

Chains

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

60.03 Set an iron post for 1/16 sec. cor. No. 8, bet. the NW. and SW. quarters of sec. 16, (W $\frac{1}{2}$), stamped in cap

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

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

80.04 The $\frac{1}{4}$ sec. cor. bet. secs. 16 and 17.

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

From the 1/16 sec. cor. No. 6, bet. secs. 16 and 17 (N $\frac{1}{2}$) I run

S. 89° 59' E. on a random line through the middle of the N. half of sec. 16.

20.00 Set temp. 1/16 sec. cor.

40.00 Set temp. 1/16 sec. cor.

60.00 Set temp. 1/16 sec. cor.

80.00 Intersect the 1/16 sec. cor. No. 6, bet. secs. 15 and 16 (N $\frac{1}{2}$).

Thence I run

N. 89° 59' W. on a true line through the middle of the N. half of sec. 16.

Over level land, through brush.

12.50 Bank, 12 ft. high, brs. NW. and SE.

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

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

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

27.00 Road, brs. NW. and SE.

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

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

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

BOOK 300

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

Chains

50.00 Abandoned ditch, 10 lks. wide, course NW.

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

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

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

80.04 The 1/16 sec. cor. No. 6, bet. secs. 16 and 17 (N 1/4).

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

May 1, 1911.

May 2, 1911. At 8.00 a.m., l.m.t., I set off 33° 10' on the lat. arc, 15° 11' N. on the decl. arc, and determine a meridian with the solar, at the cor. of secs. 8, 9, 16 and 17.

Thence I run

N. 0° 02' W. bet. secs. 8 and 9.

Over level land, through brush.

2.25 Abandoned ditch, 10 lks. wide, course NW.

3.25 Road, brs. NW. and SE.

10.00 Bank, 10 ft. high, brs. E. and W.

20.00 Set an iron post for 1/16 sec. cor. No. 12, bet. secs. 8 and 9, (S 1/4), stamped in cap

1/16 S 8 in W. half
S 9 in E. half
No 12 in N.
1911 in S.

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

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

1/4 S 8 in W. half
S 9 in E. half
1911 in S.

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

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

40.80 Left bank of Gila River, course W.; bank, 4 ft. high.

Set an iron post for M.C. of frac. secs. 8 and 9, stamped in cap

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

Chains

M C in N.
T 3 S S 8 in SW.
R 3 E S 9 in SE.
1911 in S.
4 notches on E.

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

Enter river bed.

60.00 Point for 1/16 sec. cor. No. 6, bet. secs. 8 and 9 (N $\frac{1}{2}$), falls in river bed.

68.00 Middle of main channel of Gila River.

80.00 Point for cor. of secs. 4, 5, 8 and 9, falls in river bed. Set temp. post.

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

From the 1/16 sec. cor. No. 12, bet. secs. 8 and 9 (S $\frac{1}{2}$), I run

S. 89° 59' E. on a true line through the middle of the S. half of frac. sec. 9.

Over level land, through brush.

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

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

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

40.00 Set an iron post for 1/16 sec. cor. No. 10, bet. the SE. and SW. quarters of sec. 9, stamped in cap

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

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise a mound of earth 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. 11, in the center of ~~xxxx~~ the SE $\frac{1}{4}$ of sec. 9, stamped in cap

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

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

65.00 Left bank of Gila River, course N.; bank, 4 ft. high. Set an iron post for 1/16 M.C. of frac. sec. 9, stamped in cap

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

Chains

M C in E.
1/16 S 9 in W.
1911 in S.

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

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

From the 1/4 sec. cor. bet. secs. 8 and 9, I run
S. 89° 59' E. on a true line through the middle of sec. 9.
Over low level land, through brush.

8.00 Bank, 10 ft. high, brs. N. and S. Leave low land;
enter higher level land.

20.00 Set an iron post for 1/16 sec. cor. No. 8, bet. the NW.
and SW. quarters of sec. 9, stamped in cap

No 8 in N.
1/16 S 9 in center
1911 in S.

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.;
and raise a mound of earth 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. 9, stamped
in cap

C 1/4 S 9 in center
1911 in S.

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

60.00 Set an iron post for 1/16 sec. cor. No. 7, bet. the NE.
and SE. quarters of sec. 9, stamped in cap

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

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

64.50 Left bank of Gila River, course N., bank, 5 ft. high.
Set an iron post for 1/16 M.C. of frac. sec. 9, stamped
in cap

M C in E.
1/16 S 9 in W.
1911 in S.

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

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

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

Chains

From the 1/16 sec. cor. No. 8, bet. the NW. and SW. quarters of sec. 9, I run

N. 0° 02' W. on a true line through the W. half of sec. 9,
Over level land, through brush.

2.50 Left bank of Gila River, course W.; bank, 5 ft. high.

Set an iron post for 1/16 M.C. of frac. sec. 9, stamped in cap

M C in N.
1/16 S 9 1911 in S.

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

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

From the center 1/4 sec. cor. of sec. 9, I run

N. 0° 02' W. on a true line through the middle of frac. sec. 9. (N 1/4).

Over level land, through brush.

9.30 Left bank of Gila River, course S. 75° W.; bank, 4 ft. high.

Set an iron post for 1/16 M.C. of frac. sec. 9, stamped in cap

M C in N.
1/16 S 9 1911 in S.

Dig a pit 36x35x12 ins. 8 ft. S. of post; and raise a mound of earth 4 ft. base, 2 ft. high, S. of cor.

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

From the 1/16 sec. cor. No. 7, bet. the NE. and SE. quarters of sec. 9, I run

N. 0° 02' W. on a true line through the E. half of sec. 9.

Over level land, through brush.

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

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

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

21.90 Left bank of Gila River, course W.; bank, 4 ft. high.
Set an iron post for 1/16 M.C. of frac. sec. 9, stamped in cap

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

Chains

M C in N.
1/16 S 9 1911 in S.

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

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



From the 1/16 sec. cor. No. 5, in the center of the NE¹/₄ of sec. 9, I run

S. 89° 59' E. on a true line through sec. 9.

Over level land, through brush.

1.50 Left bank of Gila River, course N.; bank, 4 ft. high. Set an iron post for 1/16 M.C. of frac. sec. 9, stamped in cap

M C in E.
1/16 S 9 in W.
1911 in S.

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

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



Returning to the 1/16 sec. cor. No. 5, in the center of the NE¹/₄ of sec. 9, I run

N. 89° 59' W. on a true line through sec. 9.

Over level land, through brush.

4.90 Left bank of Gila River, course SW.; bank, 4 ft. high. Set an iron post for 1/16 M.C. of frac. sec. 9, stamped in cap

M C in W.
1/16 S 9 in E.
1911 in S.

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

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

May 2, 1911. At the point for the cor. of secs. 4, 5, 8 and 9 (in bed of Gila River) I set off 15° 14' N. on the decl. arc, and at 11h 57m a.m., l.m.t., observe the sun on the meridian; the resulting lat. is 33° 11', which is within one minute of the proper lat.

Thence I run

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

Chains	
	N. 0° 02' W. on a random line bet. secs. 4 and 5. Over level river bed.
20.00	Set temp. 1/16 sec. cor.
40.00	Set temp. 1/4 sec. cor.
60.00	Set temp. 1/16 sec. cor.
80.17	Falls 2 lks. W. of the cor. of secs. 4, 5, 32 and 33, on N. bdy. of Tp., previously described. Thence I run S. 0° 01' E. on a true line bet. secs. 4 and 5. Over level land, through brush.
8.77	Drain, course NW.
20.17	Set an iron post for 1/16 sec. cor. No. 6, bet. secs. 4 and 5 (N 1/2), stamped in cap 1/16 S 5 in W. half S 4 in E. half No 6 in N. 1911 in S. Dig pits 18x18x12 ins. N. and S. of post 3 ft. dist.; and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high, W. of cor.
40.17	Set an iron post for 1/4 sec. cor. bet. secs. 4 and 5, stamped in cap 1/4 S 5 in W. half S 4 in E. half 1911 in S. Dig pits 18x18x12 ins. N. and S. of post 3 ft. dist.; and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high, W. of cor. (After diligent search, no trace of the old 1/4 sec. cor. is found).
48.97	Right bank of Gila River, course NW.; bank, 25 ft. high. Set an iron post for M.C. of frac. secs. 4 and 5, stamped in cap M C 1911 in S. T 3 S S 4 in NE. R 3 E S 5 in NW. 4 notches on E. edge Dig a pit 36x36x12 ins. S. of post; and raise a mound of earth 4 ft. base, 2 ft. high, N. of cor.
60.17	Point for 1/16 sec. cor. No. 12, bet. secs. 4 and 5 (S 1/2), falls in river bed.
80.17	Point for cor. of secs. 4, 5, 8 and 9. Land, level, 49.27 chs.; river bed, 30.80 chs. Soil, 2nd rate, 49.37 chs.; sandy, 30.80 chs. Brush, mesquite, sage and arrow weed, 49.37 chs.

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

Chains

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

West on a true line through the middle of the S. half of
sec. 4.

Over level land, through brush.

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

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

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

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

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

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

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

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

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

63.50 Right bank of Gila River, course NW., bank, 10 ft. high.

Set an iron post for 1/16 M.C. of frac. sec. 4, stamped
in cap

M C in W.
1/16 S 4 in E.
1911 in S.

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

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

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

S. 0° 02' E. on a true line through the middle of the SE $\frac{1}{4}$
of sec. 4.

Over level land, through brush.

10.50 Right bank of Gila River, course W.; bank, 10 ft. high.
Set an iron post for 1/16 M.C. of frac. sec. 4, stamped

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

Chains

in cap

M C 1911 in S.
1/16 S 4 in N.

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

Land, level.
Soil, 2nd rate.
Brush, mesquite and arrow weed.

From the 1/16 sec. cor. No. 10, bet. the SE. and SW. quarters of sec. 4, I run

S. 0° 02' E. on a true line through the middle of sec. 4.

Over level land, through brush.

16.18 Right bank of Gila River, course NW.; bank, 10 ft. high.

Set an iron post for 1/16 M.C. of frac. sec. 4, stamped in cap

M C 1911 in S.
1/16 S 4 in N.

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

Land, level.
Soil, 2nd rate.
Brush, mesquite and arrow weed.

From the 1/16 sec. cor. No. 9, in the center of the SW 1/4 of sec. 4, I run

S. 0° 02' E. on a true line through the middle of the SE 1/4 of sec. 4.

Over level land, through brush.

0.90 Right bank of Gila River, course W.; 8 ft. high.

Set an iron post for 1/16 M.C. of frac. sec. 4, stamped in cap

M C 1911 in S.
1/16 S 4 in N.

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

Land, level.
Soil, 2nd rate.
Brush, mesquite and arrow weed.

From the 1/4 sec. cor. bet. secs. 4 and 5, I run

East on a random line through the middle of sec. 4.

20.00 Set temp. 1/16 sec. cor.

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

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

Chains

60.00 Set temp. 1/16 sec. cor.

80.08 Falls 12 lks. N. of the $\frac{1}{4}$ sec. cor. bet. secs. 3 and 4.

Thence I run

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

Over level land, through brush.

7.50 Road, brs. NW. and SE.

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

No 7 in N.
1/16 S 4 in center
1911 in S.

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

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

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

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

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

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

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

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

Land, level.

Soil, 2nd rate.

Brush, mesquite and sage.

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

East on a random line through the middle of the N. half of sec. 4.

20.00 Set temp. 1/16 sec. cor.

40.00 Set temp. 1/16 sec. cor.

60.00 Set temp. 1/16 sec. cor.

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

Thence I run

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

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

Chains

Over level land, through brush.

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

No 5 in N.
1/16 S 4 in center
1911 in S.

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

31.70 Road, brs. NW. and SE.

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

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

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

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

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

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

80.04 The 1/16 sec. cor. No. 6, bet. secs. 4 and 5 (N $\frac{1}{2}$).

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

May 2, 1911.

May 3, 1911. At 8.00 a.m., l.m.t., I set off 33° 07' on the lat. arc, 15° 29' N. on the decl. arc, and determine a meridian with the solar, at the cor. of secs. 5, 6, 31 and 32, on S. bdy. of Tp.

Thence I run

N. 0° 03' W. bet. secs. 31 and 32.

Over level land, through brush.

20.00 Set an iron post for 1/16 sec. cor. No. 12, bet. secs. 31 and 32 (S $\frac{1}{2}$), stamped in cap

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

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

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

Chains

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

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

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

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

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

$\frac{1}{16}$ S 31 in W. half
S 32 in E. half
No 6 in N.
1911 in S.

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

80.00 Set an iron post for the cor. of secs. 29, 30, 31 and 32, stamped in cap

T 3 S S 29 in NE. quadrant
R 3 E S 32 in SE. quadrant
S 31 in SW. quadrant
S 30 in NW. quadrant
1911 in S.

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

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

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

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

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

20.00 Set temp. $\frac{1}{16}$ sec. cor.

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

60.00 Set temp. $\frac{1}{16}$ sec. cor.

60.04 Falls 7 lks. S. of the cor. of secs. 28, 29, 32 and 33.

Thence I run

S. $89^{\circ} 57'$ W. on a true line bet. secs. 29 and 32.

Over level land, through brush.

20.01 Set an iron post for $\frac{1}{16}$ sec. cor. No. 1, bet. secs. 29 and 32, ($E\frac{1}{2}$), stamped in cap

No 1 $\frac{1}{16}$ S 29 in N. half
S 32 1911 in S. half

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

Chains

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.;
and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high,
N. of cor.

- 40.02 Set an iron post for the $\frac{1}{4}$ sec. cor. bet. secs. 29 and 32,
stamped in cap

$\frac{1}{4}$ S 29 in N. half
S 32 1911 in S. half

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.;
and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high,
N. of cor.

(After diligent search, no trace of the old $\frac{1}{4}$ sec. cor.
is found).

- 60.03 Set an iron post for $1/16$ sec. cor. No. 2, bet. secs. 29
and 32 ($W\frac{1}{2}$), stamped in cap

No 2 $1/16$ S 29 in N. half
S 32 1911 in S. half

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.;
and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high,
N. of cor.

- 80.04 The cor. of secs. 29, 30, 31 and 32.

Land, level.
Soil, 2nd rate.
Brush, sage and mesquite.

From the $1/16$ sec. cor. No. 12, bet. secs. 31 and 32 ($S\frac{1}{2}$),
I run

East on a random line through the middle of the S. half of
sec. 32.

- 20.00 Set temp. $1/16$ sec. cor.

- 40.00 Set temp. $1/16$ sec. cor.

- 60.00 Set temp. $1/16$ sec. cor.

- 80.08 Falls 11 lks. S. of the $1/16$ sec. cor. No. 12, bet. secs.
32 and 33 ($S\frac{1}{2}$).

Thence I run

S. $89^{\circ} 55'$ W. on a true line through the middle of the
S. half of sec. 32.

Over level land, through brush.

- 20.02 Set an iron post for $1/16$ sec. cor. No. 11, in the center
of the $SE\frac{1}{4}$ of sec. 32, stamped in cap

No 11 in N.
 $1/16$ S 32 in center
1911 in S.

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.;
and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high,
N. of cor.

- 40.04 Set an iron post for $1/16$ sec. cor. No. 10, bet. the SE .
and SW . quarters of sec. 32, stamped in cap

Subdivision of T. 3 S., R. 3 E.

Chains

No 10 in N.
1/16 S 32 in center
1911 in S.

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.;
and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high,
N. of cor.

60.06 Set an iron post for 1/16 sec. cor. No. 9, in the center
of the SW 1/4 of sec. 32, stamped in cap

No 9 in N.
1/16 S 32 in center
1911 in S.

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.;
and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high,
N. of cor.

80.08 The 1/16 sec. cor. No. 12, bet. secs. 31 and 32 (S 1/4).

Land, level.
Soil, 2nd rate.
Brush, mesquite and sage.

From the 1/4 sec. cor. bet. secs. 31 and 32, I run
East on a random line through the middle of sec. 32.

20.00 Set temp. 1/16 sec. cor.

40.00 Set temp. center 1/4 sec. cor.

60.00 Set temp. 1/16 sec. cor.

80.04 Falls 11 lks. S. of the 1/4 sec. cor. bet. secs. 32 and 33,

Thence I run

S. 89° 55' W. on a true line through the middle of sec. 32.

Over level land, through brush.

20.01 Set an iron post for 1/16 sec. cor. No. 7, bet. the NE.
and SE. quarters of sec. 32, stamped in cap

No 7 in N.
1/16 S 32 in center
1911 in S.

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and
raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high, N. of
cor.

40.02 Set an iron post for center 1/4 sec. cor. of sec. 32,
stamped in cap

C 1/4 S 32 in center
1911 in S.

Dig pits 18x18x12 ins. E., W. and S., 3 ft., and N. of
post 7 ft. dist.; and raise a mound of earth 4 ft. base,
2 ft. high, N. of cor.

60.03 Set an iron post for 1/16 sec. cor. No. 8, bet. the NW.
and SW. quarters of sec. 32, stamped in cap

Subdivision of T. 3 S., R. 3 E.

Chains

No 8 in N.
1/16 S 32 in center
1911 in S.

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.;
and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high,
N. of cor.

80.04 The 1/4 sec. cor. bet. secs. 31 and 32.

Land, level.
Soil, 2nd rate.
Brush, mesquite and sage.

From the 1/16 sec. cor. No. 6, bet. secs. 31 and 32,
I run

East on a random line through the middle of the N. half
of sec. 32.

20.00 Set temp. 1/16 sec. cor.

40.00 Set temp. 1/16 sec. cor.

60.00 Set temp. 1/16 sec. cor.

80.08 Falls 7 lks. S. of the 1/16 sec. cor. No. 6, bet. secs.
32 and 33 (N 1/2).

Thence I run

S. 89° 57' W. on a true line through the middle of the
N. half of sec. 32.

Over level land, through brush.

20.02 Set an iron post for 1/16 sec. cor. No. 5, in the center
of the NE 1/4 of sec. 32, stamped in cap

No 5 in N.
1/16 S 32 in center
1911 in S.

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.;
and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high,
N. of cor.

40.04 Set an iron post for 1/16 sec. cor. No. 4, bet. the NE. and
NW. quarters of sec. 32, stamped in cap

No 4 in N.
1/16 S 32 in center
1911 in S.

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.;
and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high,
N. of cor.

60.06 Set an iron post for 1/16 sec. cor. No. 3, in the center
of the NW 1/4 of sec. 32, stamped in cap

No 3 in N.
1/16 S 32 in center
1911 in S.

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.;
and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high,
N. of cor.

Subdivision of T. 3 S., R. 3 E.

Chains

80.08 The 1/16 sec. cor. No. 6, bet. secs. 31 and 32 (N $\frac{1}{2}$).

Land, level.
Soil, 2nd rate.
Brush, mesquite and sage.

May 3, 1911.

May 3, 1911. At 8.30 a.m., l.m.t., I set off 33° 08' on the lat. arc, 15° 29' N. on the decl. arc, and determine a meridian with the solar, at the cor. of secs. 29, 30, 31 and 32.

Thence I run

West on a random line bet. secs. 30 and 31.

20.00 Set temp. 1/16 sec. cor.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

60.00 Set temp. 1/16 sec. cor.

79.00 Falls 7 lks. N. of the cor. of secs. 25, 30, 31 and 36, on W. bdy. of Tp., previously described.

Thence I run

N. 89° 57' E. on a true line bet. secs. 30 and 31.

Over level land, through brush.

11.00 Road, brs. N. and S.

19.00 Set an iron post for 1/16 sec. cor. No. 2, bet. secs. 30 and 31 (W $\frac{1}{2}$), stamped in cap

No 2 1/16 S 30 in N. half
S 31 1911 in S. half

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise a mound of earth 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, N. of cor.

28.00 Dry wash, 10 lks. wide, course N.

39.00 Set an iron post for $\frac{1}{4}$ sec. cor. bet. secs. 30 and 31, stamped in cap

$\frac{1}{4}$ S 30 in N. half
S 31 1911 in S. half

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise a mound of earth 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, N. of cor.

(After diligent search, no trace of the old $\frac{1}{4}$ sec. cor. is found).

59.00 Set an iron post for 1/16 sec. cor. No. 1, bet. secs. 30 and 31 (E $\frac{1}{2}$), stamped in cap

No 1 1/16 S 30 in N. half
S 31 1911 in S. half

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise a mound of earth 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, N. of cor.

Subdivision of T. 3 S., R. 3 E.

Chains

79.00 The cor. of secs. 29, 30, 31 and 32.

Land, level.
Soil, 2nd rate.
Brush, mesquite and sage.

From the 1/16 sec. cor. No. 12, bet. secs. 31 and 32 (S $\frac{1}{2}$),
I run

West on a random line through the middle of the S. half
of sec. 31.

20.00 Set temp. 1/16 sec. cor.

40.00 Set temp. 1/16 sec. cor.

60.00 Set temp. 1/16 sec. cor.

79.08 Falls 8 lks. N. of 1/16 sec. cor. No. 12, bet. secs. 31
and 36 (S $\frac{1}{2}$), on W. bdy. of Tp., previously described.
Thence N. 89° 57' E. on a true line through S. half of sec. 31.
Over level land, through brush.

19.08 Set an iron post for 1/16 sec. cor. No. 9, in the center
of the SW $\frac{1}{4}$ of sec. 31, stamped in cap

No 9 in N.
1/16 S 31 in center
1911 in S.

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.;
and raise a mound of earth 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high,
N. of cor.

31.00 Road, brs. N. and S.

39.08 Set an iron post for 1/16 sec. cor. No. 10, bet. the SE.
and SW. quarters of sec. 31, stamped in cap

No 10 in N.
1/16 S 31 in center
1911 in S.

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.;
and raise a mound of earth 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high,
N. of cor.

42.00 Dry wash, 10 lks. wide, course NW.

51.30 Dry wash, 10 lks. wide, course NW.

59.08 Set an iron post for 1/16 sec. cor. No. 11, in the center
of the SE $\frac{1}{4}$ of sec. 31, stamped in cap

No 11 in N.
1/16 S 31 in center
1911 in S.

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.;
and raise a mound of earth 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high,
N. of cor.

79.08 The 1/16 sec. cor. No. 12, bet. secs. 31 and 32 (S $\frac{1}{2}$).

Land, level.
Soil, 2nd rate.
Brush, mesquite and sage.

Subdivision of T. 3 S., R. 3 E.

Chains

From the 1/4 sec. cor. bet. secs. 31 and 32, I run
West on a random line through the middle of sec. 31.

20.00 Set temp. 1/16 sec. cor.

40.00 Set temp. center 1/4 sec. cor.

60.00 Set temp. 1/16 sec. cor.

79.05 Intersect the 1/4 sec. cor. bet. secs. 31 and 36, on W. bdy.
of Tp., previously described.

Thence I run

East on a true line through the middle of sec. 31.

Over level land, through brush.

19.05 Set an iron post for the 1/16 sec. cor. No. 8, bet. the
NW. and SW. quarters of sec. 31, stamped in cap

No 8 in N.
1/16 S 31 in center
1911 in S.

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.;
and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high,
N. of cor.

22.80 Road, brs. N. and S.

31.20 Dry wash, 10 lks. wide, course NW.

39.05 Set an iron post for center 1/4 sec. cor. of sec. 31,
stamped in cap

C 1/4 S 31 in center
1911 in S.

Dig pits 18x18x12 ins. E., W. and S., 3 ft., and N. of
post 7 ft. dist.; and raise a mound of earth 4 ft. base,
2 ft. high, N. of cor.

59.05 Set an iron post for 1/16 sec. cor. No. 7, bet. the NE.
and SE. quarters of sec. 31, stamped in cap

No 7 in N.
1/16 S 31 in center
1911 in S.

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.;
and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high,
N. of cor.

79.05 The 1/4 sec. cor. bet. secs. 31 and 32.

Land, level.

Soil, 2nd rate.

Brush, mesquite and sage.

From the 1/16 sec. cor. No. 6, bet. secs. 31 and 32 (N 1/2)
I run

West on a random line through the middle of the N. half of
sec. 31.

Subdivision of T. 3 S., R. 3 E.

Chains

20.00 Set temp. 1/16 sec. cor.

40.00 Set temp. 1/16 sec. cor.

60.00 Set temp. 1/16 sec. cor.

79.10 Falls 7 lks. S. of the 1/16 sec. cor. No. 6, bet. secs. 31 and 36 (N½), on W. bdy. of Tp., previously described.

Thence I run

S. 89° 57' E. on a true line through the middle of the N. half of sec. 31.

Over level land, through brush.

18.50 Road, brs. N. and S.

19.10 Set an iron post for 1/16 sec. cor. No. 3, in the center of the NW¼ of sec. 31, stamped in cap

No 3 in N.
1/16 S 31 in center
1911 in S.

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise a mound of earth 3½ ft. base, 1½ ft. high, N. of cor.

27.00 Dry wash, 10 lks. wide, 4 ft. deep, course SE.

38.80 Dry wash, 10 lks. wide, 4 ft. deep, course SE.

39.10 Set an iron post for 1/16 sec. cor. No. 4, bet. the NE. and NW. quarters of sec. 31, stamped in cap

No 4 in N.
1/16 S 31 in center
1911 in S.

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise a mound of earth 3½ ft. base, 1½ ft. high, N. of cor.

59.10 Set an iron post for 1/16 sec. cor. No. 5, in the center of the NE¼ of sec. 31, stamped in cap

No 5 in N.
1/16 S 31 in center
1911 in S.

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise a mound of earth 3½ ft. base, 1½ ft. high, N. of cor.

79.10 The 1/16 sec. cor. No. 6, bet. secs. 31 and 32 (N½).

Land, level.
Soil, 2nd rate.
Brush, mesquite and sage.

May 3, 1911. At the cor. of secs. 29, 30, 31 and 32, I set off 15° 31' N. on the decl. arc, and at 1h 56m 53s a.m., l.m.t., observe the sun on the meridian; the resulting lat. is 33° 08', which is within one minute of the correct lat.

Thence I run

B.C.C. 1008

Subdivision of T. 3 S., R. 3 E.

Chains

N. 0° 03' W. bet. secs. 29 and 30.

Over rolling land, through brush.

20.00 Set an iron post for 1/16 sec. cor. No. 12, bet. secs. 29 and 30 (S $\frac{1}{2}$), stamped in cap

1/16 S 30 in W. half
S 29 in E. half
No 12 in N.
1911 in S.

Dig pits 18x18x12 ins. N. and S. of post 3 ft. dist.; and raise a mound of earth 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor.

28.00 Leave rolling land; enter flat land, brs. E. and W.

40.00 Set an iron post for $\frac{1}{4}$ sec. cor. bet. secs. 29 and 30, stamped in cap

$\frac{1}{4}$ S 30 in W. half
S 29 in E. half
1911 in S.

Dig pits 18x18x12 ins. N. and S. of post 3 ft. dist.; and raise a mound of earth 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor.

(After diligent search, no trace of the old $\frac{1}{4}$ sec. cor. is found).

60.00 Set an iron post for 1/16 sec. cor. No. 6, bet. secs. 29 and 30 (N. $\frac{1}{2}$), stamped in cap

1/16 S 30 in W. half
S 29 in E. half
No 6 in N.
1911 in S.

Dig pits 18x18x12 ins. N. and S. of post 3 ft. dist.; and raise a mound of earth 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor.

80.00 Set an iron post for the cor. of secs. 19, 20, 29 and 30, stamped in cap

T 3 S S 20 in NE. quadrant
R 3 E S 29 in SE. quadrant
S 30 in SW. quadrant
S 19 in NW. quadrant
1911 in S.
2 notches on S. and 5 notches on E. edge

Dig pits 18x18x12 ins. in each sec. 5 $\frac{1}{2}$ ft. dist.; and raise a mound of earth 4 ft. base, 2 ft. high, W. of cor.

(After diligent search, no trace of the old cor. is found).

Land, level.
Soil, 2nd rate.
Brush, mesquite and sage.

N. 89° 57' E. on a random line bet. secs. 20 and 29.

20.00 Set temp. 1/16 sec. cor.

Subdivision of T. 3 S., R. 3 E.

Chains

40.00 Set temp. 1/4 sec. cor.

60.00 Set temp. 1/16 sec. cor.

80.00 Falls 14 lks. N. of the cor. of secs. 20, 21, 28 and 29,

Thence I run

N. 89° 57' W. on a true line bet. secs. 20 and 29.

Over level land, through brush.

20.00 Set an iron post for 1/16 sec. cor. No. 1, bet. secs. 20 and 29 (N1/16), stamped in cap

No 1 1/16 S 20 in N. half
S 29 1911 in S. half

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high, N. of cor.

31.00 Dry wash, 100 lks. wide, 10 ft. deep, course NW.

40.00 Set an iron post for 1/4 sec. cor. bet. secs. 20 and 29, stamped in cap

1/4 S 20 in N. half
S 29 1911 in S. half

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high, N. of cor.

(After diligent search, no trace of the old cor. is found).

60.00 Set an iron post for 1/16 sec. cor. No. 2, bet. secs. 20 and 29 (W1/16), stamped in cap

No 2 1/16 S 20 in N. half
S 29 1911 in S. half

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high, N. of cor.

80.00 The cor. of secs. 19, 20, 29 and 30.

Land, level.
Soil, 2nd rate.
Brush, mesquite and sage.

From the 1/16 sec. cor. No. 12, bet. secs. 29 and 30 (S1/16), I run

N. 89° 57' E. on a random line through the middle of the S. half of sec. 29.

20.00 Set temp. 1/16 sec. cor.

40.00 Set temp. 1/16 sec. cor.

60.00 Set temp. 1/16 sec. cor.

80.04 Falls 2 lks. S. of the 1/16 sec. cor. No. 12, bet. secs. 28 and 29 (S1/16).

Thence I run

Subdivision of T. 3 S., R. 3 E.

Chains

S. 89° 56' W. on a true line through the middle of the S. half of sec. 29.

Over level land, through brush.

20.01 Set an iron post for the 1/16 sec. cor. No. 11, in the center of the SE 1/4 of sec. 29, stamped in cap

No 11 in N.
1/16 S 29 in center
1911 in S.

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high, N. of cor.

40.02 Set an iron post for 1/16 sec. cor. No. 10, bet. the SE. and SW. quarters of sec. 29, stamped in cap

No 10 in N.
1/16 S 29 in center
1911 in S.

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high, N. of cor.

60.03 Set an iron post for the 1/16 sec. cor. No. 9, in the center of the SW 1/4 of sec. 29, stamped in cap

No 9 in N.
1/16 S 29 in center
1911 in S.

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high, N. of cor.

80.04 The 1/16 sec. cor. No. 12, bet. secs. 29 and 30 (S 1/4).

Land, level.
Soil, 2nd rate.
Brush, mesquite and sage.

From the 1/4 sec. cor. bet. secs. 29 and 30, I run N. 89° 57' E. on a random line through the middle of sec. 29.

20.00 Set temp. 1/16 sec. cor.

40.00 Set temp. center 1/4 sec. cor.

60.00 Set temp. 1/16 sec. cor.

80.00 Intersect the 1/4 sec. cor. bet. secs. 28 and 29.

Thence I run S. 89° 57' W. on a true line through the middle of sec. 29. Over level land, through brush.

20.00 Set an iron post for 1/16 sec. cor. No. 7, bet. the NE. and SE. quarters of sec. 29, stamped in cap

E. C. 100

Subdivision of T. 3 S., R. 3 E.

Chains

No 7 in N.
1/16 S 29 in center
1911 in S.

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.;
and raise a mound of earth 3½ ft. base, 1½ ft. high,
N. of cor.

40.00 Set an iron post for center ¼ sec. cor. of sec. 29,
stamped in cap

C ¼ S 29 in center
1911 in S.

Dig pits 18x18x12 ins. E., W. and S., 3 ft., and N. of
post 7 ft. dist.; and raise a mound of earth 3½ ft. base,
1½ ft. high, N. of cor.

60.00 Set an iron post for 1/16 sec. cor. No. 8, bet. the NW.
and SW. quarters of sec. 29, stamped in cap

No 8 in N.
1/16 S 29 in center
1911 in S.

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.;
and raise a mound of earth 3½ ft. base, 1½ ft. high, N.
of cor.

80.00 The ¼ sec. cor. bet. secs. 29 and 30.

Land, level.
Soil, 2nd rate.
Brush, mesquite and sage.

From the 1/16 sec. cor. No. 6, bet. secs. 29 and 30 (N½),
I run

N. 89° 57' E. on a random line through the middle of the
N. half of sec. 29.

20.00 Set temp. 1/16 sec. cor.

40.00 Set temp. 1/16 sec. cor.

60.00 Set temp. 1/16 sec. cor.

80.04 Falls 2 lks. N. of the 1/16 sec. cor. No. 6, bet. secs.
28 and 29 (N½).

Thence I run

S. 89° 58' W. on a true line through the middle of the N.
half of sec. 29.

Over level land, through brush.

12.30 Wash, 100 lks. wide, 10 ft. deep, water in holes, course
NW.

20.01 Set an iron post for 1/16 sec. cor. No. 5, in the center
of the NE¼ of sec. 29, stamped in cap

No 5 in N.
1/16 S 29 in center
1911 in S.

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.;

Subdivision of T. 3 S., R. 3 E.

Chains

and raise a mound of earth 3½ ft. base, 1½ ft. high, N. of cor.

40.02 Set an iron post for 1/16 sec. cor. No. 4, bet. the NE. and NW. quarters of sec. 29, stamped in cap

No 4 in N.
1/16 S 29 in center
1911 in S.

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise a mound of earth 3½ ft. base, 1½ ft. high, N. of cor.

60.03 Set an iron post for 1/16 sec. cor. No. 3, in the center of the NW¼ of sec. 29, stamped in cap

No 3 in N.
1/16 S 29 in center
1911 in S.

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise a mound of earth 3½ ft. base, 1½ ft. high, N. of cor.

80.04 The 1/16 sec. cor. No. 6, bet. secs. 29 and 30 (N½).

Land, level.
Soil, 2nd rate.
Brush, mesquite and sage.

May 3, 1911. At the cor. of secs. 19, 20, 29 and 30, I set off 15° 31' N. on the decl. arc, and at 11h 56m 53s a.m., l.m.t., observe the sun on the meridian; the resulting lat. is 33° 08', which is within one minute of the proper lat.

Thence I run
S. 89° 57' W. on a random line bet. secs. 19 and 30.

20.00 Set temp. 1/16 sec. cor.

40.00 Set temp. ¼ sec. cor.

60.00 Set temp. 1/16 sec. cor.

78.93 Falls 2 lks. N. of the cor. of secs. 19, 24, 25 and 30, on W. bdy. of Tp., previously described.

Thence I run
N. 89° 56' E. on a true line bet. secs. 19 and 30.

Over level land, through brush.

8.10 Drain, course NE.

18.93 Set an iron post for 1/16 sec. cor. No. 2, bet. secs. 19 and 30 (W½), stamped in cap

No 2 1/16 S 19 in N. half
S 30 1911. in S. half

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise a mound of earth 3½ ft. base, 1½ ft. high, N. of cor.

Subdivision of T. 3 S., R. 3 E.

Chains

- 38.93 Set an iron post for $\frac{1}{4}$ sec. cor. bet. secs. 19 and 30, stamped in cap
- $\frac{1}{4}$ S 19 in N. half
S 30 1911 in S. half
- Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, N. of cor.
- (After diligent search, no trace of the old $\frac{1}{4}$ sec. cor. is found).
- 58.93 Set an iron post for $\frac{1}{16}$ sec. cor. No. 1, bet. secs. 19 and 30 ($E\frac{1}{2}$), stamped in cap
- No 1 $\frac{1}{16}$ S 19 in N. half
S 30 1911 in S. half
- Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, N. of cor.
- 78.93 The cor. of secs. 19, 20, 29 and 30.
- Land, level.
Soil, 2nd rate.
Brush, mesquite and sage. Dense mesquite brush along drain.
-
- From the $\frac{1}{16}$ sec. cor. No. 12, bet. secs. 29 and 30 ($S\frac{1}{2}$) I run
- S. $89^{\circ} 57'$ W. on a random line through the middle of the S. half of sec. 30.
- 20.00 Set temp. $\frac{1}{16}$ sec. cor.
- 40.00 Set temp. $\frac{1}{16}$ sec. cor.
- 60.00 Set temp. $\frac{1}{16}$ sec. cor.
- 79.00 Falls 7 lks. S. of the $\frac{1}{16}$ sec. cor. No. 12, bet. secs. 25 and 30 ($S\frac{1}{2}$), on W. bdy. of Tp., previously described.
- Thence I run
- East on a true line through the middle of ~~the~~ the S. half of sec. 30.
- Over level land, through brush.
- 7.00 Road, brs. N. and S.
- 19.00 Set an iron post for $\frac{1}{16}$ sec. cor. No. 9, in the center of the $SW\frac{1}{4}$ of sec. 30, stamped in cap
- No 9 in N.
 $\frac{1}{16}$ S 30 in center
1911 in S.
- Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, N. of cor.
- 28.80 Drain, course NE.
- 39.00 Set an iron post for $\frac{1}{16}$ sec. cor. No. 10, bet. the SE.

Subdivision of T. 3 S., R. 3 E.

Chains	
	<p>and SW. quarters of sec. 30, stamped in cap</p> <p style="text-align: center;">No 10 in N. 1/16 S 30 in center 1911 in S.</p> <p>Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise a mound of earth 3½ ft. base, 1½ ft. high, N. of cor.</p>
59.00	<p>Set an iron post for 1/16 sec. cor. No. 11, in the center of the SE¼ of sec. 30, stamped in cap</p> <p style="text-align: center;">No 11 in N. 1/16 S 30 in center 1911 in S.</p> <p>Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise a mound of earth 3½ ft. base, 1½ ft. high, N. of cor.</p>
79.00	<p>The 1/16 sec. cor. No. 12, bet. secs. 29 and 30 (S½).</p> <p>Land, level. Soil, 2nd rate. Brush, mesquite and sage.</p> <p style="text-align: center;">-----</p> <p>From the ¼ sec. cor. bet. secs. 29 and 30, I run S. 89° 57' W. on a random line through the middle of sec. 30.</p>
20.00	Set temp. 1/16 sec. cor.
40.00	Set temp. center ¼ sec. cor.
60.00	Set temp. 1/16 sec. cor.
79.00	<p>Falls 4 lks. S. of the ¼ sec. cor. bet. secs. 25 and 30.</p> <p>Thence I run N. 89° 59' E. on a true line through the middle of sec.30. Over level land, through brush.</p>
5.00	Road, brs. N. and S.
19.00	<p>Set an iron post for 1/16 sec. cor. No. 8, bet. the NW. and SW. quarters of sec. 30, stamped in cap</p> <p style="text-align: center;">No 8 in N. 1/16 S 30 in center 1911 in S.</p> <p>Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise a mound of earth 3½ ft. base, 1½ ft. high, N. of cor.</p>
22.75	Drain, course NE.
39.00	<p>Set an iron post for center ¼ sec. cor. of sec. 30, stamped in cap</p> <p style="text-align: center;">C ¼ S 30 in center 1911 in S.</p> <p>Dig pits 18x18x12 ins. E., W. and S., 3 ft., and N. of post 7 ft. dist.; and raise a mound of earth 4 ft. base, 2 ft. high, N. of cor.</p>

Subdivision of T. 3 S., R. 3 E.

Chains

- 59.00 Set an iron post for 1/16 sec. cor. No. 7, bet. the NE. and SE. quarters of sec. 30, stamped in cap
- No 7 in N.
1/16 S 30 in center
1911 in S.
- Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise a mound of earth 3½ ft. base, 1½ ft. high, N. of cor.
- 79.00 The ¼ sec. cor. bet. secs. 29 and 30.
- Land, level.
Soil, 2nd rate.
Brush, mesquite and sage.
-
- From the 1/16 sec. cor. No. 6, bet. secs. 29 and 30 (N½) I run
- S. 89° 57' W. on a random line through the middle of the N. half of sec. 30.
- 20.00 Set temp. 1/16 sec. cor.
- 40.00 Set temp. 1/16 sec. cor.
- 60.00 Set temp. 1/16 sec. cor.
- 78.93 Falls 12 lks. S. of the 1/16 sec. cor. No. 6, bet. secs. 25 and 30 (N½), on W. bdy. of Tp., previously described.
- Thence I run
- S. 89° 58' E. on a true line through the middle of the N. half of sec. 30.
- Over level land, through brush.
- 18.93 Set an iron post for 1/16 sec. cor. No. 3, in the center of the NW¼ of sec. 30, stamped in cap
- No 3 in N.
1/16 S 30 in center
1911 in S.
- Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise a mound of earth 3½ ft. base, 1½ ft. high, N. of cor.
- 20.00 Drain, course NE.
- 38.93 Set an iron post for 1/16 sec. cor. No. 4, bet. the NE. and NW. quarters of sec. 30, stamped in cap
- No 4 in N.
1/16 S 30 in center
1911 in S.
- Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise a mound of earth 3½ ft. base, 1½ ft. high, N. of cor.
- 58.93 Set an iron post for 1/16 sec. cor. No. 5, in the center of the NE¼ of sec. 30, stamped in cap
- No 5 in N.
1/16 S 30 in center
1911 in S.

Subdivision of T. 3 S., R. 3 E.

Chains

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.;
and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high,
N. of cor.

78.93 The $1/16$ sec. cor. No. 6, bet. secs. 29 and 30 ($N.\frac{1}{2}$).

Land, level.
Soil, 2nd rate.
Brush, mesquite and sage.

May 3, 1911.

May 4, 1911. At 8.00 a.m., l.m.t., I set off $33^{\circ} 08'$ on
the lat. arc, $15^{\circ} 46'$ N. on the decl. arc, and deter-
mine a meridian with the solar, at the cor. of secs. 19,
20, 29 and 30.

Thence I run

N. $0^{\circ} 03'$ W. bet. secs. 19 and 20.

Over level land, through brush.

11.00 Dry wash, 50 lks. wide, course W.

20.00 Set an iron post for $1/16$ sec. cor. No. 12, bet. secs. 19
and 20 ($S\frac{1}{4}$), stamped in cap

$1/16$ S 19 in W. half
S 20 in E. half
No 12 in N.
1911 in S.

Dig pits 18x18x12 ins. N. and S. of post 3 ft. dist.;
and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high,
W. of cor.

40.00 Set an iron post for $\frac{1}{4}$ sec. cor. bet. secs. 19 and 20,
stamped in cap

$\frac{1}{4}$ S 19 in W. half
S 20 in E. half
1911 in S.

Dig pits 18x18x12 ins. N. and S. of post 3ft. dist.;
and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high,
W. of cor.

(After diligent search, no trace of the old $\frac{1}{4}$ sec. cor.
is found).

44.00 Dry wash, 50 lks. wide, 8 ft. deep, course W.

47.00 Branch of same dry wash, 50 lks. wide, 8 ft. deep, course
W.

52.50 Branch of same dry wash, 50 lks. wide, 8 ft. deep, course
W.

55.00 Branch of same dry wash, 100 lks. wide, 6 ft. deep, course
W.

60.00 Set an iron post for $1/16$ sec. cor. No. 6, bet. secs. 19
and 20 ($N\frac{1}{2}$), stamped in cap

Subdivision of T. 3 S., R. 3 E.

Chains

1/16 S 19 in W. half
S 20 in E. half
No 6 in N.
1911 in S.

Dig pits 18x18x12 ins. N. and S. of post 3 ft. dist.;
and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high,
W. of cor.

- 74.40 Enter log corral, 140x100 lks., bearing E. and W.
- 75.80 Leave log corral, 140x100 lks., bearing E. and W.
- 78.00 Road, brs. E. and W.
- 78.85 Wire fence, brs. N. 80° E. and S. 80° W.
- 80.00 Set an iron post for the cor. of secs. 17, 18, 19 and 20,
stamped in cap

T 3 S S 17 in NE. quadrant
R 3 E S 20 in SE. quadrant
S 19 in SW. quadrant
S 18 in NW. quadrant

1911 in S.
3 notches on S. and 5 notches on E. edge

Dig pits 18x18x12 ins. in each sec. 5 1/2 ft. dist.; and
raise a mound of earth 4 ft. base, 2 ft. high, W. of
cor.

Land, level.
Soil, 2nd rate.
brush, mesquite and sage.

S. 89° 57' E. on a random line bet. secs. 17 and 20.

- 20.00 Set temp. 1/16 sec. cor.
- 40.00 Set temp. 1/4 sec. cor.
- 60.00 Set temp. 1/16 sec. cor.
- 80.04 Falls 10 lks. S. of the cor. of secs. 16, 17, 20 and 21.

Thence I run

S. 89° 59' W. on a true line bet. secs. 17 and 20.

Over level land, through brush.

- 20.01 Set an iron post for 1/16 sec. cor. No. 1, bet. secs. 17
and 20 (E 1/2), stamped in cap

No 1 1/16 S 17 in N. half
S 20 1911 in S. half

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.;
and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high,
N. of cor.

- 40.02 Set an iron post for 1/4 sec. cor. bet. secs. 17 and 20,
stamped in cap

1/4 S 17 in N. half
S 20 1911 in S. half

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.;

Subdivision of T. 3 S., R. 3 E.

Chains.

and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high,
N. of cor.

(After diligent search, no trace of the old $\frac{1}{4}$ sec. cor. is
found).

60.03 Set an iron post for $1/16$ sec. cor. No. 2, bet. secs. 17
and 20 ($W\frac{1}{2}$), stamped in cap

No 2 $1/16$ S 17 in N. half
S 20 1911 in S. half

Dig pits $18 \times 18 \times 12$ ins. E. and W. of post 3 ft. dist.;
and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high,
N. of cor.

70.00 Ruins of old adobe hut.

74.00 Wire fence, brs. N. 80° E. and S. 80° W.

77.00 Adobe hut, brs. N., 2.00 chs. dist.

80.04 The cor. of secs. 17, 18, 19 and 20.

Land, level.
Soil, 2nd rate.
Brush, mesquite and sage.

From the $1/16$ sec. cor. No. 12, bet. secs. 19 and 20 ($S\frac{1}{2}$)
I run

S. $89^\circ 57'$ E. on a random line through the middle of the
S. half of sec. 20.

20.00 Set temp. $1/16$ sec. cor.

40.00 Set temp. $1/16$ sec. cor.

60.00 Set temp. $1/16$ sec. cor.

80.00 Falls 2 lks. S. of the $1/16$ sec. cor. No. 12, bet. secs.
20 and 21 ($S\frac{1}{2}$).

Thence I run

N. $89^\circ 55'$ W. on a true line through the middle of the S.
half of sec. 20.

Over level land, through brush.

20.00 Set an iron post for $1/16$ sec. cor. No. 11, in the center
of the $SE\frac{1}{4}$ of sec. 20, stamped in cap

No 11 in N.
 $1/16$ S 20 in center
1911 in S.

Dig pits $18 \times 18 \times 12$ ins. E. and W. of post 3 ft. dist.;
and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high,
N. of cor.

40.00 Set an iron post for $1/16$ sec. cor. No. 10, bet. the $SE\frac{1}{4}$
and $SW\frac{1}{4}$ quarters of sec. 20, stamped in cap

No 10 in N.
 $1/16$ S 20 in center
1911 in S.

Subdivision of T. 3 S., R. 3 E.

Chains

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.;
and raise a mound of earth 3½ ft. base, 1½ ft. high,
N. of cor.

47.00 Dry wash, water in holes, 100 lks. wide, course NW.

49.50 Dry wash, water in holes, 100 lks. wide, course NW.

60.00 Set an iron post for 1/16 sec. cor. No. 9, in the center
of the SW¼ of sec. 20, stamped in cap

No 9 in N.
1/16 S 20 in center
1911 in S.

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.;
and raise a mound of earth 3½ ft. base, 1½ ft. high,
N. of cor.

80.00 The 1/16 sec. cor. No. 12, bet. secs. 19 and 20 (S½).

Land, level.

Soil, 2nd rate.

Brush, mesquite and sage. Dense mesquite along wash.

From the ¼ sec. cor. bet. secs. 19 and 20, I run

S. 89° 57' E. on a random line through the middle of sec.
20.

20.00 Set temp. 1/16 sec. cor.

40.00 Set temp. center ¼ sec. cor.

60.00 Set temp. 1/16 sec. cor.

80.00 Intersect the ¼ sec. cor. bet. secs. 20 and 21.

Thence I run

N. 89° 57' W. on a true line through the middle of sec. 20.

Over level land, through brush.

20.00 Set an iron post for 1/16 sec. cor. No. 7, bet. the NE.
and SE. quarters of sec. 20, stamped in cap

No 7 in N.
1/16 S 20 in center
1911 in S.

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.;
and raise a mound of earth 3½ ft. base, 1½ ft. high,
N. of cor.

40.00 Set an iron post for center ¼ sec. cor. of sec. 20,
stamped in cap

C ¼ S 20 in center
1911 in S.

Dig pits 18x18x12 ins. E., W. and S., 3 ft., and N. of
post 7 ft. dist.; and raise a mound of earth 4 ft. base,
2 ft. high, N. of cor.

60.00 Set an iron post for 1/16 sec. cor. No. 8, bet. the NW.
and SW. quarters of sec. 20, stamped in cap

Subdivision of T. 3 S., R. 3 E.

Chains

No 8 in N.
1/16 S 20 in center
1911 in S.

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.;
and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high,
N. of cor.

71.75 Dry wash, 100 lks. wide, 6 ft. deep, course NW.

80.00 The 1/4 sec. cor. bet. secs. 19 and 20.

Land, level.
Soil, 2nd rate.
Brush, mesquite and sage.

From the 1/16 sec. cor. No. 6, bet. secs. 19 and 20 (N 1/2),
I run

S. 89° 57' E. on a random line through the middle of the
N. half of sec. 20.

20.00 Set temp. 1/16 sec. cor.

40.00 Set temp. 1/16 sec. cor.

60.00 Set temp. 1/16 sec. cor.

80.04 Falls 11 lks. S. of the 1/16 sec. cor. No. 6, bet. secs. 20
and 21 (N 1/2).

Thence I run

S. 89° 58' W. on a true line through the middle of the N.
half of sec. 20.

Over level land, through brush.

20.01 Set an iron post for 1/16 sec. cor. No. 5, in the center
of the NE 1/4 of sec. 20, stamped in cap

No 5 in N.
1/16 S 20 in center
1911 in S.

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.;
and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high,
N. of cor.

40.02 Set an iron post for 1/16 sec. cor. No. 4, bet. the NE.
and NW. quarters of sec. 20, stamped in cap

No 4 in N.
1/16 S 20 in center
1911 in S.

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.;
and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high,
N. of cor.

60.03 Set an iron for 1/16 sec. cor. No. 3, in the center of
the NW 1/4 of sec. 20, stamped in cap

No 3 in N.
1/16 S 20 in center
1911 in S.

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.;
and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high,
N. of cor.

Subdivision of T. 3 S., R. 3 E.

Chains

80.04 The 1/16 sec. cor. No. 6, bet. secs. 19 and 20 ($N\frac{1}{2}$).

Land, level.
Soil, 2nd rate.
Brush, mesquite and sage.

May 4, 1911.

May 4, 1911. At 8.30 a.m., l.m.t., I set off $33^{\circ} 09'$ on the lat. arc, $15^{\circ} 46'$ N. on the decl. arc, and determine a meridian with the solar, at the cor. of secs. 17, 18, 19 and 20.

Thence I run

S. $89^{\circ} 56'$ W. on a random line bet. secs. 18 and 19.

20.00 Set temp. 1/16 sec. cor.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

60.00 Set temp. 1/16 sec. cor.

78.88 Falls 2 lks. N. of the cor. of secs. 13, 18, 19 and 24, on W. bdy. of Tp., previously described.

Thence I run

N. $89^{\circ} 55'$ E. on a true line bet. secs. 18 and 19.

Over level land, through brush.

17.00 Leave brush brs. N. and S.

18.88 Set an iron post for 1/16 sec. cor. No. 2, bet. secs. 18 and 19 ($W\frac{1}{2}$), stamped in cap

No 2 1/16 S 18 in N. half
S 19 1911 in S. half

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, N. of cor.

38.88 Set an iron post for $\frac{1}{4}$ sec. cor. bet. secs. 18 and 19, stamped in cap

$\frac{1}{4}$ S 18 in N. half
S 19 1911 in S. half

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, N. of cor.

(After diligent search, no trace of the old $\frac{1}{4}$ sec. cor. is found).

56.88 Santa Cruz Wash, 50 lks. wide, course NW.

57.76 Fence, brs. N. and S.

58.88 Set an iron post for 1/16 sec. cor. No. 1, bet. secs. 18 and 19 ($E\frac{1}{2}$), stamped in cap

No 1 1/16 S 18 in N. half
S 19 1911 in S. half

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, N. of cor.

Recd. 1911

Subdivision of T. 3 S., R. 3 E.

Chains

78.88 The cor. of secs. 17, 18, 19 and 20.

Land, level.
Soil, 2nd rate.
Brush, sage and mesquite.

From the 1/16 sec. cor. No. 12, bet. secs. 19 and 20 (S $\frac{1}{2}$)
I run

S. 89° 56' W. on a random line through the middle of the
S. half of sec. 19.

20.00 Set temp. 1/16 sec. cor.

40.00 Set temp. 1/16 sec. cor.

60.00 Set temp. 1/16 sec. cor.

78.86 Falls 2 lks. N. of the 1/16 sec. cor. No. 12, bet. secs.
19 and 24, on W. bdy. of Tp., previously described.

Thence I run

N. 89° 55' E. on a true line through the middle of the
S. half of sec. 19.

Over level land, through brush.

5.00 Drain, course NW.

10.00 Leave brush, brs. N. and S.

18.86 Set an iron post for 1/16 sec. cor. No. 9, in the center
of the SW $\frac{1}{4}$ of sec. 19, stamped in cap

No 9 in N.
1/16 S 19 in center
1911 in S.

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.;
and raise a mound of earth 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high,
N. of cor.

38.86 Set an iron post for 1/16 sec. cor. No. 10, bet. the SE.
and SW. quarters of sec. 19, stamped in cap

No 10 in N.
1/16 S 19 in center
1911 in S.

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.;
and raise a mound of earth 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high,
N. of cor.

58.86 Set an iron post for 1/16 sec. cor. No. 11, in the center
of the SE $\frac{1}{4}$ of sec. 19, stamped in cap

No 11 in N.
1/16 S 19 in center
1911 in S.

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.;
and raise a mound of earth 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high,
N. of cor.

78.86 The 1/16 sec. cor. No. 12, bet. secs. 19 and 20 (S $\frac{1}{2}$).

Land, level.
Soil, 2nd rate.
Brush, mesquite and sage.

Subdivision of T. 3 S., R. 3 E.

Chains

From the $\frac{1}{4}$ sec. cor. bet. secs. 19 and 20, I run
 S. 89° 56' W. on a random line through the middle of sec.
 19.

20.00 Set temp. 1/16 sec. cor.

40.00 Set temp. center $\frac{1}{4}$ sec. cor.

60.00 Set temp. 1/16 sec. cor.

78.80 Falls 6 lks. N. of the $\frac{1}{4}$ sec. cor. bet. secs. 19 and 24,
 on W. bdy. of Tp., previously described.

Thence I run
 N. 89° 53' E. on a true line through the middle of sec. 19.
 Over level land, through brush.

3.25 Drain, course N.

18.80 Set an iron post for the 1/16 sec. cor. No. 8, bet. the
 NW. and SW. quarters of sec. 19, stamped in cap

No 8 in N.
 1/16 S 19 in center
 1911 in S.

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.;
 and raise a mound of earth 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high,
 N. of cor.

38.80 Set an iron post for center $\frac{1}{4}$ sec. cor. of sec. 19,
 stamped in cap

C $\frac{1}{4}$ S 19 in center
 1911 in S.

Dig pits 18x18x12 ins. E., W. and S., 3 ft., and N. of
 post 7 ft. dist.; and raise a mound of earth 4 ft. base,
 2 ft. high, N. of cor.

58.80 Set an iron post for 1/16 sec. cor. No. 7, bet. the NE.
 and SE. quarters of sec. 19, stamped in cap

No 7 in N.
 1/16 S 19 in center
 1911 in S.

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.;
 and raise a mound of earth 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high,
 N. of cor.

78.80 The $\frac{1}{4}$ sec. cor. bet. secs. 19 and 20.

Land, level.
 Soil, 2nd rate.
 Brush, mesquite and sage.

From the 1/16 sec. cor. No. 6, bet. secs. 19 and 20 (N $\frac{1}{4}$),
 I run
 S. 89° 56' W. on a random line through the middle of sec.
 19.

20.00 Set temp. 1/16 sec. cor.

40.00 Set temp. 1/16 sec. cor.

Subdivision of T. 3 S., R. 3 E.

Chains

- 60.00 Set temp. 1/16 sec. cor.
- 78.85 Falls 8 lks. N. of the 1/16 sec. cor. No. 6, bet. secs. 19 and 24, on W. bdy. of Tp., previously described.
- Thence I run
- N. 89° 53' E. on a true line through the middle of the N. half of sec. 19.
- Over level land, through brush.
- 18.85 Set an iron post for 1/16 sec. cor. No. 3, in the center of the NW $\frac{1}{4}$ of sec. 19, stamped in cap
- No 3 in N.
1/16 S 19 in center
1911 in S.
- Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise a mound of earth 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, N. of cor.
- 38.85 Set an iron post for 1/16 sec. cor. No. 4, bet. the NE. and NW. quarters of sec. 19, stamped in cap
- No 4 in N.
1/16 S 19 in center
1911 in S.
- Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise a mound of earth 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, N. of cor.
- 58.85 Set an iron post for 1/16 sec. cor. No. 5, in the center of the NE $\frac{1}{4}$ of sec. 19, stamped in cap
- No 5 in N.
1/16 S 19 in center
1911 in S.
- Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise a mound of earth 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, N. of cor.
- 61.30 Santa Cruz Wash, 50 lks. wide, course NW.
- 73.10 Santa Cruz Wash, 50 lks. wide, course NW.
- 74.80 Santa Cruz Wash, 50 lks. wide, course NW.
- 78.85 The 1/16 sec. cor. No. 6, bet. secs. 19 and 20 (N $\frac{1}{2}$).
- Land, level.
Soil, 2nd rate.
Brush, mesquite and sage.

May 4, 1911. At the cor. of secs. 17, 18, 19 and 20, I set off 15° 49' N. on the decl. arc, and at 11h 56m 47s a.m., l.m.t., observe the sun on the meridian; the resulting lat. is 33° 09', which is within one minute of the proper lat.

Thence I run

N. 0° 03' W. bet. secs. 17 and 18.

Over level land, through brush.

2000 200

Subdivision of T. 3 S., R. 3 E.

Chains

20.00 Set an iron post for 1/16 sec. cor. No. 12, bet. secs. 17 and 18 (S $\frac{1}{16}$), stamped in cap

1/16 S 18 in W. half
S 17 in E. half
No 12 in N.
1911 in S,

Dig pits 18x18x12 ins. N. and S. of post 3 ft. dist.; and raise a mound of earth 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor.

22.00 Enter timber, Drs. E. and W.

28.50 Santa Cruz Wash, 50 lks. wide, 6 ft. deep, course NW.

37.00 Wash, 50 lks. wide, course W. (water in pools).

40.00 Set an iron post for $\frac{1}{4}$ sec. cor. bet. secs. 17 and 18, stamped in cap

$\frac{1}{4}$ S 18 in W. half
S 17 in E. half
1911 in S.

Dig pits 18x18x12 ins. N. and S. of post 3 ft. dist.; and raise a mound of earth 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor.

(After diligent search, no trace of the old $\frac{1}{4}$ sec. cor. is found).

43.50 Wash, 20 lks. wide, course W.

56.50 Dry wash, 20 lks. wide, course W.

60.00 Set an iron post for 1/16 sec. cor. No. 6, bet. secs. 17 and 18 (N $\frac{1}{16}$), stamped in cap

1/16 S 18 in W. half
S 17 in E. half
No 6 in N.
1911 in S.

Dig pits 18x18x12 ins. N. and S. of post 3 ft. dist.; and raise a mound of earth 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor.

(No trees available for B.T.s)

72.00 West end of slough, 400x100 lks.; filled with water.

80.00 Set an iron post for the cor. of secs. 7, 8, 17 and 18, stamped in cap

T 3 S S 8 in NE. quadrant
R 3 E S 17 in SE. quadrant
S 18 in SW. quadrant
S 7 in NW. quadrant
1911 in S.

4 notches on S. and 5 notches on E. edge

Dig pits 18x18x12 ins. in each sec. 5 $\frac{1}{2}$ ft. dist.; and raise a mound of earth 4 ft. base, 2 ft. high, W. of cor.

(No trees available for B.T.s).

Land, level.

Soil, alkaline, 2nd rate.

Brush, mesquite and sage; mesquite timber, 58.00 chs.

Subdivision of T. 3 S., R. 3 E.

Chains

- N. 89° 59' E. on a random line bet. secs. 8 and 17.
- 20.00 Set temp. 1/16 sec. cor.
- 40.00 Set temp. 1/4 sec. cor.
- 60.00 Set temp. 1/16 sec. cor.
- 80.00 Falls 4 lks. S. of the cor. of secs. 8, 9, 16 and 17,
Thence I run
S. 89° 57' W. on a true line bet. secs. 8 and 17.
Over level land, through brush and timber.
- 10.00 Leave timber, brs. N. and S.
- 20.00 Set an iron post for 1/16 sec. cor. No. 1, bet. secs. 8
and 17 (E $\frac{1}{2}$), stamped in cap

No 1 1/16 S 8 in N. half
S 17 1911 in S. half

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.;
and raise a mound of earth 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high,
N. of cor.
- 40.00 Set an iron post for 1/4 sec. cor. bet. secs. 8 and 17,
stamped in cap

1/4 S 8 in N. half
S 17 1911 in S. half

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.;
and raise a mound of earth 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high,
N. of cor.

(After diligent search, no trace of the old 1/4 sec. cor.
is found).
- 60.00 Set an iron post for 1/16 sec. cor. No. 2, bet. the 8 and
17 (W $\frac{1}{2}$), stamped in cap

No 2 1/16 S 8 in N. half
S 17 1911 in S. half

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.;
and raise a mound of earth 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high,
N. of cor.
- 62.00 Enter timber, brs. N. and S.
- 80.00 The cor. of secs. 7, 8, 17 and 16.

Land, level.
Soil, 2nd rate.
Brush, mesquite and sage.
Timber, mesquite, 28.00 chs.
-
- From the 1/16 sec. cor. No. 12, bet. secs. 17 and 18 (S $\frac{1}{2}$),
I run
N. 89° 59' E. on a random line through the middle of the S.
half of sec. 17.
- 20.00 Set temp. 1/16 sec. cor.
- 40.00 Set temp. 1/16 sec. cor.
- 60.00 Set temp. 1/16 sec. cor.

Subdivision of T. 3 S., R. 3 N.

Chains	(No. 12)
80.00	Falls 4 lks. S. of the 1/16 sec. cor. bet. secs. 16 and 17 (S $\frac{1}{2}$).
	Thence I run
	S. 89° 57' W. on a true line through the middle of the S. half of sec. 17.
	Over level land, through brush.
2.00	Enter mesquite timber, brs. N. and S.
20.00	Set an iron post for 1/16 sec. cor. No. 11, in the center of the SE $\frac{1}{4}$ of sec. 17, stamped in cap
	No 11 in N. 1/16 S 17 in center 1911 in S.
	Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise a mound of earth 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, N. of cor.
	(No trees available for B.T.s).
21.20	Santa Cruz Wash, 100 lks. wide, course NW.
32.00	Leave timber, brs. N. and S.
40.00	Set an iron post for 1/16 sec. cor. No. 10, bet. the SE. and SW. quarters of sec. 17, stamped in cap
	No 10 in N. 1/16 S 17 in center 1911 in S.
	Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise a mound of earth 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, N. of cor.
48.00	Enter timber, brs. N. and S.
56.50	Santa Cruz Wash, course SW.
60.00	Set an iron post for 1/16 sec. cor. No. 9, in the center of the SW $\frac{1}{4}$ of sec. 17, stamped in cap
	No 9 in N. 1/16 S 17 in center 1911 in S.
	Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise a mound of earth 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, N. of cor.
	No trees available for B.T.s.
62.00	Santa Cruz Wash, 50 lks. wide, course NW.
72.00	Leave mesquite timber, brs. NE. and SW.
80.00	The 1/16 sec. cor. No. 12, bet. secs. 17 and 18 (S $\frac{1}{2}$).
	Land, level. Soil, 2nd rate. Brush, mesquite and sage; mesquite timber, 52.00 chs.

	From the $\frac{1}{4}$ sec. cor. bet. secs. 17 and 18, I run

Subdivision of T. 3 S., R. 3 E.

Chains

N. 89° 59' E. on a random line through the middle of sec. 17.

20.00 Set temp. 1/16 sec. cor.

40.00 Set temp. center 1/4 sec. cor.

60.00 Set temp. 1/16 sec. cor.

80.00 Falls 2 lks. S. of the 1/4 sec. cor. bet. secs. 16 and 17.

Thence I run

S. 89° 58' W. on a true line through the middle of sec. 17.

Over level land, through mesquite and sage brush.

20.00 Set temp. 1/16 sec. cor. No. 7, bet. the NE. and SE. quarters of sec. 17, stamped in cap

No 7 in N.
1/16 S 17 in center
1911 in S.

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high, N. of cor.

40.00 Set an iron post for center 1/4 sec. cor. of sec. 17, stamped in cap

C 1/4 S 17 in center
1911 in S.

Dig pits 18x18x12 ins. E., W., and S. 3 ft., and N. of post 7 ft. dist.; and raise a mound of earth 4 ft. base, 2 ft. high, N. of cor.

46.00 Enter mesquite timber, brs. N. and S.

60.00 Set an iron post for 1/16 sec. cor. No. 8, bet. the NW. and SW. quarters of sec. 17, stamped in cap

No 8 in N.
1/16 S 17 in center
1911 in S.

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high, N. of cor.

No trees available for B.T.s.

80.00 The 1/4 sec. cor. bet. secs. 17 and 18.

Land, level.
Soil, 2nd rate.
Brush, mesquite and sage.
Mesquite timber, 34.00 chs.

From the 1/16 sec. cor. ~~MM~~ No. 6, bet. secs. 17 and 18, (N 1/2) I run

N. 89° 57' E. on a random line through the middle of the N. half of sec. 17.

20.00 Set temp. 1/16 sec. cor.

40.00 Set temp. 1/16 sec. cor.

Subdivision of T. 3 S., R. 3 E.

Chains

60.00 Set temp. 1/16 sec. cor.

80.00 Falls 4 lks. N. of the 1/16 sec. cor. No. 6, bet. secs. 16 and 17 (N $\frac{1}{2}$).

Thence I run

S. 89° 59' W. on a true line through the middle of the N. half of sec. 17.

Over level land, through brush.

20.00 Set an iron post for 1/16 sec. cor. No. 5, in the center of the NE $\frac{1}{4}$ of sec. 17, stamped in cap

No 5 in N.
1/16 S 17 in center
1911 in S.

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise a mound of earth 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, N. of cor.

40.00 Set an iron post for 1/16 sec. cor. No. 4, bet. the NE. and NW. quarters of sec. 17, stamped in cap

No 4 in N.
1/16 S 17 in center
1911 in S.

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise a mound of earth 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, N. of cor.

60.00 Set an iron post for 1/16 sec. cor. No. 3, in the center of the NW $\frac{1}{4}$ of sec. 17, stamped in cap

No 3 in N.
1/16 S 17 in center
1911 in S.

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise a mound of earth 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, N. of cor.

62.00 Enter timber, brs. N. and S.

80.00 The 1/16 sec. cor. No. 6, bet. secs. 17 and 18 (N $\frac{1}{2}$).

Land, level.
Soil, 2nd rate.
Brush, mesquite and sage.
Timber, mesquite, 18.00 chs.

May 4, 1911. At the cor. of secs. 7, 8, 17 and 18, I set off 15° 49' N. on the decl. arc, and at 11h 56m 47s a.m. l.m.t., observe the sun on the meridian; the resulting lat. is 33° 10', which is within one minute of the proper lat.

Thence I run

S. 89° 55' W. on a random line bet. secs. 7 and 18.

20.00 Set temp. 1/16 sec. cor.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

Subdivision of T. 3 S., R. 3 E.

Chains

60.00 Set temp. 1/16 sec. cor.
78.80 Falls 12 lks. S. of the cor. of secs. 7, 12, 13 and 18, on W. bdy. of Tp., previously described.

Thence I run
East on a true line bet. secs. 7 and 18.
Over level land, through brush.

0.80 Road, brs. NW. and SE.
7.00 Leave brush, brs. N. and S.
18.80 Set an iron post for 1/16 sec. cor. No. 2, bet. secs. 7 and 18 (W $\frac{1}{2}$), stamped in cap

No 2 1/16 S 7 in N. half
S 18 1911 in S. half

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise a mound of earth 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, N. of cor.

38.80 Set an iron post for 1/4 sec. cor. bet. secs. 7 and 18, stamped in cap

$\frac{1}{4}$ S 7 in N. half
S 18 1911 in S. half

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise a mound of earth 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, N. of cor.

58.80 Set an iron post for 1/16 sec. cor. No. 1, bet. secs. 7 and 18 (E $\frac{1}{2}$), stamped in cap

No 1 1/16 S 7 in N. half
S 18 1911 in S. half

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise a mound of earth 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, N. of cor.

70.00 Enter timber, brs. N. and S.
78.80 The cor. of secs. 7, 8, 17 and 18.

Land, level.
Soil, 2nd rate.
Brush, mesquite and sage.

From the 1/16 sec. cor. No. 12, bet. secs. 17 and 18 (S $\frac{1}{2}$) I run

S. 89° 55' W. on a random line through the middle of the S. half of sec. 18.

20.00 Set temp. 1/16 sec. cor.
40.00 Set temp. 1/16 sec. cor.
60.00 Set temp. 1/16 sec. cor.

78.76 Falls 7 lks. S. of the 1/16 sec. cor. No. 12, bet. secs. 13 and 18 (S $\frac{1}{2}$), on W. bdy. of Tp., previously described.

Thence I run
N. 89° 58' E. on a true line through the middle of the S. half of sec. 18.

Subdivision of T. 3 S., R. 3 E.

Chains

Over level land, through brush and timber.

18.76 Set an iron post for 1/16 sec. cor. No. 9, in the center of the SW $\frac{1}{4}$ of sec. 18, stamped in cap

No 9 in N.
1/16 S 18 in center
1911 in S.

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise a mound of earth 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, N. of cor.

19.55 Drain, course NW. Leave timber.

38.76 Set an iron post for 1/16 sec. cor. No. 10, bet. the SE. and SW. quarters of sec. 18, stamped in cap

No 10 in N.
1/16 S 18 in center
1911 in S.

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise a mound of earth 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, N. of cor.

54.40 Wire fence, brs. N. and S.

58.76 Set an iron post for 1/16 sec. cor. No. 11, in the center of the SE $\frac{1}{4}$ of sec. 18, stamped in cap

No 11 in N.
1/16 S 18 in center
1911 in S.

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise a mound of earth 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, N. of cor.

62.80 Enter mesquite timber, brs. NE. and SW.

75.00 Leave mesquite timber, brs. NE. and SW.

78.76 The 1/16 sec. cor. No. 12, bet. secs. 17 and 18 (S $\frac{1}{2}$).

Land, level.
Soil, 2nd rate.
Brush, mesquite and sage.

From the $\frac{1}{2}$ sec. cor. bet. secs. 17 and 18, I run
S. 89° 55' W. on a random line through the middle of sec. 18.

20.00 Set temp. 1/16 sec. cor.

40.00 Set temp. center $\frac{1}{2}$ sec. cor.

60.00 Set temp. 1/16 sec. cor.

78.75 Falls 7 lks. S. of the $\frac{1}{2}$ sec. cor. bet. secs. 13 and 18, on W. bdy. of Tp., previously described.

Thence I run

N. 89° 56' E. on a true line through the middle of sec. 18.

Over level land, through brush and timber.

Subdivision of T. 3 S., R. 3 E.

Chains

- 8.00 Leave timber, brs. N. and S.
- 8.75 Santa Cruz Wash, 50 lks. wide, course NW.
- 17.50 Santa Cruz Wash, 50 lks. wide, course NW.
- 18.75 Set an iron post for 1/16 sec. cor. No. 8, bet. the NW. and SW. quarters of sec. 18, stamped in cap

No 8 in N.
 1/16 S 18 in center
 1911 in S.

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high, N. of cor.

- 38.75 Set an iron post for center 1/4 sec. cor. of sec. 18, stamped in cap

C 1/4 S 18 in center
 1911 in S.

Dig pits 18x18x12 ins. E., W. and S., 3 ft., and N. of post 7 ft. dist.; and raise a mound of earth 4 ft. base, 2 ft. high, N. of cor.

- 46.55 Drain, 30 lks. wide, course NW.

- 52.75 Drain, 30 lks. wide, course NW.

- 58.75 Set an iron post for 1/16 sec. cor. No. 7, bet. the NE. and SE. quarters of sec. 18, stamped in cap

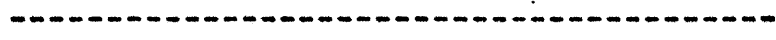
No 7 in N.
 1/16 S 18 in center
 1911 in S.

Dig pits 18x18x12 ins. E., and W. of post 3 ft. dist.; and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high, N. of cor.

- 70.00 Enter timber, brs. N. and S.

- 78.75 The 1/4 sec. cor. bet. secs. 17 and 18.

Land, level.
 Soil, 2nd rate.
 Brush, mesquite and sage.
 Timber, mesquite, 16.00 chs.



From the 1/16 sec. cor. No. 6, bet. secs. 17 and 18 (N 1/2), I run

S. 89° 55' W. on a random line through the middle of the N. half of sec. 18.

- 20.00 Set temp. 1/16 sec. cor.

- 40.00 Set temp. 1/16 sec. cor.

- 60.00 Set temp. 1/16 sec. cor.

- 78.81 Falls 4 lks. S. of the 1/16 sec. cor. No. 6, bet. secs. 13 and 18, (N 1/2), on W. bdy. of Tp., previously described.

Thence I run

N. 89° 57' E. on a true line through the middle of the N.

Subdivision of T. 3 S., R. 3 E.

Chains	<p>half of sec. 18.</p> <p>Over level land, through brush and timber.</p> <p>16.00 Drain, 10 lks. wide, course NW. (water in holes). Leave timber, brs. N. and S.</p> <p>18.81 Set an iron post for 1/16 sec. cor. No. 3, in the center of the NW$\frac{1}{4}$ of sec. 18, stamped in cap</p> <p style="padding-left: 40px;">No 3 in N. 1/16 S 18 in center 1911 in S.</p> <p>Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise a mound of earth 3$\frac{1}{2}$ ft. base, 1$\frac{1}{2}$ ft. high, N. of cor.</p> <p>28.00 Drain, course NW., 10 lks. wide. (water in holes).</p> <p>38.81 Set an iron post for 1/16 sec. cor. No. 4, bet. the NE. and NW. quarters of sec. 18, stamped in cap</p> <p style="padding-left: 40px;">No 4 in N. 1/16 S 18 in center 1911 in S.</p> <p>Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise a mound of earth 3$\frac{1}{2}$ ft. base, 1$\frac{1}{2}$ ft. high, N. of cor.</p> <p>58.81 Set an iron post for 1/16 sec. cor. No. 5, in the center of the NE$\frac{1}{4}$ of sec. 18, stamped in cap</p> <p style="padding-left: 40px;">No 5 in N. 1/16 S 18 in center 1911 in S.</p> <p>Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise a mound of earth 3$\frac{1}{2}$ ft. base, 1$\frac{1}{2}$ ft. high, N. of cor.</p> <p>70.00 Enter timber, brs. N. and S.</p> <p>78.81 The 1/16 sec. cor. No. 6, bet. secs. 17 and 18 (N$\frac{1}{2}$).</p> <p>Land, level. Soil, 2nd rate. Brush, mesquite and sage. Timber, mesquite, 24.00 chs.</p> <p style="text-align: right;">May 4, 1911.</p> <hr style="border-top: 1px dashed black;"/> <p>May 5, 1911. At 7.00 a.m., l.m.t., I set off 33° 10' on the lat. arc, 16° 04' N. on the decl. arc, and determine a meridian with the solar, at the cor. of secs. 7, 8, 17 and 18.</p> <p>Thence I run</p> <p>N. 0° 03' W. bet. secs. 7 and 8.</p> <p>Over level land, through timber and brush.</p> <p>4.00 Leave timber, brs. E. and W.</p> <p>20.00 Set an iron post for 1/16 sec. cor. No. 12, bet. secs. 7 and 8 (S$\frac{1}{2}$), stamped in cap</p>
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Subdivision of T. 3 S., R. 3 E.

Chains

1/16 S 7 in W. half
S 8 in E. half
No 12 in N.
1911 in S.

Dig pits 18x18x12 ins. N. and S. of post 3 ft. dist.;
and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high,
W. of cor.

36.00 Enter timber, brs. E. and W.

40.00 Set an iron post for 1/4 sec. cor. bet. secs. 7 and 8,
stamped in cap

1/4 S 7 in W. half
S 8 in E. half
1911 in S.

Dig pits 18x18x12 ins. N. and S. of post 3 ft. dist.;
and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high,
W. of cor.

(No trees available for B.T.s).

(After diligent search, no trace of the old 1/4 sec. cor. is
found).

50.00 Leave mesquite timber, brs. E. and W.

60.00 Set an iron post for 1/16 sec. cor. No. 6, bet. secs. 7
and 8 (N 1/2), stamped in cap

1/16 S 7 in W. half
S 8 in E. half
No 6 in N.
1911 in S.

Dig pits 18x18x12 ins. N. and S. of post 3 ft. dist.;
and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high
W. of cor.

Cor. falls in road bearing NW. and SE.

80.00 Set an iron post for the cor. of secs. 5, 6, 7 and 8,
stamped in cap

T 3 S S 5 in NE. quadrant
R 3 E S 8 in SE. quadrant
S 7 in SW. quadrant
S 6 in NW. quadrant
1911 in S.
5 notches on S. and E. edge

Dig pits 18x18x12 ins. in each sec. 5 1/2 ft. dist.; and
raise a mound of earth 4 ft. base, 2 ft. high, W. of
cor.

(After diligent search no trace of the old cor. is found).

Land, level.
Soil, alkali, 2nd rate.
Timber, 18.00 chs.
Brush, mesquite and sage.

N. 89° 57' E. on a true line bet. frac. secs. 5 and 8.

Over level land, through brush.

0.40 Left bank of Gila River, course NW.; bank, 10 ft. high.

Set an iron post for M.C. of frac. secs. 5 and 8, stamped

Subdivision of T. 3 S., R. 3 E.

Chains

in cap

M C in E.
T 3 S S 8 in SW.
R 3 E S 5 in NW.
1911 in S.
5 notches on S. edge

Dig a pit 36x36x12 ins. 8 ft. W. of post; and raise a mound of earth 4 ft. base, 2 ft. high, W. of cor.

Land, level. Soil, 2nd rate.
Brush, mesquite and arrow weed.

From the 1/16 sec. cor. No. 12, bet. secs. 7 and 8 (S $\frac{1}{2}$),
I run

N. 89° 57' E. on a random line through the middle of the
S. half of sec. 8.

20.00 Set temp. 1/16 sec. cor.

40.00 Set temp. 1/16 sec. cor.

60.00 Set temp. 1/16 sec. cor.

80.00 Falls 7 lks. N. of the 1/16 sec. cor. No. 12, bet. secs.
8 and 9 (S $\frac{1}{2}$).

Thence I run

West on a true line through the middle of the S. half of
sec. 8.

Over level land, through brush.

18.00 Road, brs. NW. and SE.

20.00 Set an iron post for 1/16 sec. cor. No. 11, in the center
of the SE $\frac{1}{4}$ of sec. 8, stamped in cap

No 11 in N.
1/16 S 8 in center
1911 in S.

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.;
and raise a mound of earth 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high,
N. of cor.

40.00 Set an iron post for 1/16 sec. cor. No. 10, bet. the SE.
and SW. quarters of sec. 8, stamped in cap

No 10 in N.
1/16 S 8 in center
1911 in S.

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.;
and raise a mound of earth 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high,
N. of cor.

60.00 Set an iron post for 1/16 sec. cor. No. 9, in the center
of the SW $\frac{1}{4}$ of sec. 8, stamped in cap

No 9 in N.
1/16 S 8 in center
1911 in S.

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.;
and raise a mound of earth 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high,
N. of cor.

Subdivision of T. 3 S., R. 3 E.

Chains

80.00 The 1/16 sec. cor. No. 12, bet. secs. 7 and 8 (S 1/4).

Land, level.
Soil, 2nd rate.
Brush, sage and mesquite.

From the 1/4 sec. cor. bet. secs. 7 and 8, I run
N. 89° 57' E. on a random line through the middle of
sec. 8.

20.00 Set temp. 1/16 sec. cor.

40.00 Set temp. center 1/4 sec. cor.

60.00 Set temp. 1/16 sec. cor.

80.00 Falls 12 lks. N. of the 1/4 sec. cor. bet. secs. 8 and 9,

Thence I run

N. 89° 58' W. on a true line through the middle of sec. 8.

Over level land, through brush.

5.40 Left bank of Gila River, course SW.; bank, 6 ft. high.

Set an iron post for 1/16 M.C. of frac. sec. 8, stamped
in cap

M C in W.
1/16 S 8 in E.
1911 in S.

Dig pit 36x36x12 ins. 8 ft. E. of post; and raise a
mound of earth 4 ft. base, 2 ft. high, E. of cor.

Thence in river bed.

13.40 Left bank of Gila River, course NW.; bank, 6 ft. high.

Set an iron post for 1/16 M.C. of frac. sec. 8, stamped
in cap

M C in E.
1/16 S 8 in W.
1911 in S.

Dig a pit 36x36x12 ins. 8 ft. W. of post; and raise a
mound of earth 4 ft. base, 2 ft. high, W. of cor.

Thence over level land, through brush.

20.00 Set an iron post for 1/16 sec. cor. No. 7, bet. the NE.
and SE. quarters of sec. 8, stamped in cap

No 7 in N.
1/16 S 8 in center
1911 in S.

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.;
and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high,
N. of cor.

40.00 Set an iron post for center 1/4 sec. cor. of sec. 8,
stamped in cap

C 1/4 S 8 in center
1911 in S.

Subdivision of T. 3 S., R. 3 E.

Chains

Dig pits 18x18x12 ins. E., W. and S. 3 ft., and N. of post 7 ft. dist.; and raise a mound of earth 4 ft. base, 2 ft. high, N. of cor.

59.50 Road, brs. NW. and SE.

60.00 Set an iron post for 1/16 sec. cor. No. 8, bet. the NW. and SW. quarters of sec. 8, stamped in cap

No 8 in N.
1/16 S 8 in center
1911 in S.

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high, N. of cor.

80.00 The 1/4 sec. cor. bet. secs. 7 and 8.

Land, level.
Soil, 2nd rate, 72.00 chs.; sandy, 8.00 chs.
Brush, mesquite, sage and arrow weed.

From the 1/16 sec. cor. No. 6, bet. secs. 7 and 8 (N 1/2), which falls in road, I run

N. 89° 57' E. on a true line through the middle of the N. half of sec. 8.

Over level land, through brush.

20.00 Set an iron post for 1/16 sec. cor. No. 3, in the center of the NW 1/4 of sec. 8, stamped in cap

No 3 in N.
1/16 S 8 in center
1911 in S.

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high, N. of cor.

30.70 Left bank of Gila River, course NW.; bank, 6 ft. high.

Set an iron post for 1/16 M.C. of frac. sec. 8, stamped in cap

M C in E.
1/16 S 8 in W.
1911 in S.

Dig a pit 36x36x12 ins. 8 ft. W. of post; and raise a mound of earth 4 ft. base, 2 ft. high, W. of cor.

Land, level.
Soil, 2nd rate.
Brush, mesquite, sage and arrow weed.

From the 1/16 sec. cor. No. 7, bet. the NE. and SE. quarters of sec. 8, I run

N. 0° 02' W. on a true line through the NE 1/4 of frac. sec. 8.

Over level land, through brush.

Subdivision of T. 3 S., R. 3 E.

Chains

1.40 Left bank of Gila River, course NW.; bank, 6 ft. high.
Set an iron post for 1/16 M.C. of frac. sec. 8, stamped in cap

M C in N.
1/16 S 8 1911 in S.

Dig a pit 36x36x12 ins. 8 ft. S. of post; and raise a mound of earth 4 ft. base, 2 ft. high, S. of cor.

Land, level.
Soil, 2nd rate.
Brush, sage, mesquite and arrow weed.

From the center 1/4 sec. cor. of sec. 8, I run
N. 0° 02' W. on a true line through the middle of the
N. half of sec. 8.

Over level land, through brush.

13.50 Left bank of Gila River, course NW.; bank, 6 ft. high.
Set an iron post for 1/16 M.C. of frac. sec. 8, stamped in cap

M C in N.
1/16 S 8 1911 in S.

Dig a pit 36x36x12 ins. 8 ft. S. of post; and raise a mound of earth 4 ft. base, 2 ft. high, S. of cor.

Land, level.
Soil, 2nd rate.
Brush, sage, mesquite and arrow weed.

From the 1/16 sec. cor. No. 3, in the center of the NW 1/4 of sec. 8, I run

N. 0° 02' W. on a true line through the NW 1/4 of sec. 8.

Over level land, through brush.

8.50 Left bank of Gila River, course NW.; bank, 7 ft. high.
Set an iron post for 1/16 M.C. of frac. sec. 8, stamped in cap

M C in N.
1/16 S 8 1911 in S.

Dig a pit 36x36x12 ins. 8 ft. S. of post; and raise a mound of earth 4 ft. base, 2 ft. high, S. of cor.

Land, level.
Soil, 2nd rate.
Brush, mesquite, sage and arrow weed.

Note: Cloudy at Noon today; no observation for lat.

May 5, 1911.

Subdivision of T. 3 S., R. 3 E.

Chains

May 5, 1911. At 7.30 a.m., l.m.t., I set off $33^{\circ} 11'$ on the lat. arc, $16^{\circ} 04'$ N. on the decl. arc, and determine a meridian with the solar, at the cor. of secs. 5, 6, 7 and 8.

Thence I run

West on a random line bet. secs. 6 and 7.

20.00 Set temp. $1/16$ sec. cor.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

60.00 Set temp. $1/16$ sec. cor.

78.65 Falls 8 lks. N. of the cor. of secs. 1, 6, 7 and 12, on W. bdy. of Tp., previously described.

Thence I run

N. $89^{\circ} 57'$ E. on a true line bet. secs. 6 and 7.

Over level land, through brush.

18.65 Set an iron post for $1/16$ sec. cor. No. 2, bet. secs. 6 and 7 ($W\frac{1}{4}$), stamped in cap

No 2 $1/16$ S 6 in N. half
S 7 1911 in S. half

Dig pits $18 \times 18 \times 12$ ins. E. and W. of post 3 ft. dist.; and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, N. of cor.

38.65 Set an iron post for $\frac{1}{4}$ sec. cor. bet. secs. 6 and 7, stamped in cap

$\frac{1}{4}$ S 6 in N. half
S 7 1911 in S. half

Dig pits $18 \times 18 \times 12$ ins. E. and W. of post 3 ft. dist.; and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, N. of cor.

50.65 Road, brs. NW. and SE.

58.65 Set an iron post for $1/16$ sec. cor. No. 1, bet. secs. 6 and 7 ($E.\frac{1}{4}$), stamped in cap

No 1 $1/16$ S 6 in N. half
S 7 1911 in S. half

Dig pits $18 \times 18 \times 12$ ins. E. and W. of post 3 ft. dist.; and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, N. of cor.

78.65 The cor. of secs. 5, 6, 7 and 8.

Land, level.

Soil, 2nd rate.

Brush, mesquite and sage.

From the $1/16$ sec. cor. No. 12, bet. secs. 7 and 8 ($S\frac{1}{4}$), I run

West on a random line through the middle of the S. half of sec. 7.

Subdivision of T. 3 S., R. 3 E.

Chains

20.00 Set temp. 1/16 sec. cor.

40.00 Set temp. 1/16 sec. cor.

60.00 Set temp. 1/16 sec. cor.

78.75 Intersect the 1/16 sec. cor. No. 12, bet. secs. 7 and 12, (S $\frac{1}{2}$), on W. bdy. of Tp., previously described.

Thence I run

East on a true line through the middle of the S. half of sec, 7.

Over level land, through brush.

18.75 Set an iron post for 1/16 sec. cor. No. 9, in the center of the SW $\frac{1}{4}$ of sec. 7, stamped in cap

No 9 in N.
1/16 S 7 in center
1911 in S.

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise a mound of earth 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, N. of cor.

38.75 Set an iron post for 1/16 sec. cor. No. 10, bet. the SE. and SW. quarters of sec. 7, stamped in cap

No 10 in N.
1/16 S 7 in center
1911 in S.

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise a mound of earth 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, N. of cor.

58.75 Set an iron post for 1/16 sec. cor. No. 11, in the center of the SE $\frac{1}{4}$ of sec. 7, stamped in cap

No 11 in N.
1/16 S 7 in center
1911 in S.

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise a mound of earth 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, N. of cor.

78.75 The 1/16 sec. cor. No. 12, bet. secs. 7 and 8 (S $\frac{1}{2}$).

Land, level.
Soil, 2nd rate.
Brush, mesquite and sage.

From the $\frac{1}{4}$ sec. cor. bet. secs. 7 and 8, I run

West on a random line through the middle of sec. 7.

20.00 Set temp. 1/16 sec. cor.

40.00 Set temp. center $\frac{1}{4}$ sec. cor.

60.00 Set temp. 1/16 sec. cor.

78.75 Intersect the $\frac{1}{4}$ sec. cor. bet. secs. 7 and 12, on W. bdy. of Tp., previously described.

Thence I run

Subdivision of T. 3 S., R. 3 E.

Chains

- East on a true line through the middle of sec. 7.
Over level land, through brush.
- 18.75 Set an iron post for 1/16 sec. cor. No. 8, bet. the NW. and SW. quarters of sec. 7, stamped in cap
- No 8 in N.
1/16 S 7 in center
1911 in S.
- Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise a mound of earth 3½ ft. base, 1½ ft. high, N. of cor.
- 38.75 Set an iron post for center ¼ sec. cor. of sec. 7, stamped in cap
- C ¼ S 7 in center
1911 in S.
- Dig pits 18x18x12 ins. E., W. and S. 3 ft., and N. of post 7 ft. dist.; and raise a mound of earth 4 ft. base, 2 ft. high, N. of cor.
- 58.75 Set an iron post for 1/16 sec. cor. No. 7, bet. the NE. and SE. quarters of sec. 7, stamped in cap
- No 7 in N.
1/16 S 7 in center
1911 in S.
- Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise a mound of earth 3½ ft. base, 1½ ft. high, N. of cor.
- 78.75 The ¼ sec. cor. bet. secs. 7 and 8.
- Land, level.
Soil, 2nd rate.
Brush, mesquite and sage.
-
- From the 1/16 sec. cor. No. 6, bet. secs. 7 and 8 (N½), I run
- West on a random line through the middle of the N. half of sec. 7.
- 20.00 Set temp. 1/16 sec. cor.
- 40.00 Set temp. 1/16 sec. cor.
- 60.00 Set temp. 1/16 sec. cor.
- 78.70 Intersect the 1/16 sec. cor. No. 6, bet. secs. 7 and 12, on W. bdy. of Tp., previously described.
- Thence I run
- East on a true line through the middle of the N. half of sec. 7.
- Over level land, through brush.
- 18.70 Set an iron post for 1/16 sec. cor. No. 3, in the center of the NW¼ of sec. 7, stamped in cap
- No 3 in N.

Subdivision of T. 3 S., R. 3 E.

Chains

1/16 S 7 in center
1911 in S.

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.;
and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high,
N. of cor.

38.70 Set an iron post for 1/16 sec. cor. No. 4, bet. the NE.
and NW. quarters of sec. 7, stamped in cap

No 4 in N.
1/16 S 7 in center
1911 in S.

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.;
and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high,
N. of cor.

58.70 Set an iron post for 1/16 sec. cor. No. 5, in the center
of the NE 1/4 of sec. 7, stamped in cap

No 5 in N.
1/16 S 7 in center
1911 in S.

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.;
and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high,
N. of cor.

78.70 The 1/16 sec. cor. No. 6, bet. secs. 7 and 8. (N 1/2).

Land, level.
Soil, 2nd rate.
Brush, mesquite and sage.

Cloudy at Noon today; no observation for lat. May 5, 1911.

From the cor. of secs. 5, 6, 7 and 8, I run
N. 0° 03' W. on a random line bet. secs. 5 and 6.

20.00 Set temp. 1/16 sec. cor.

40.00 Set temp. 1/4 sec. cor.

60.00 Set temp. 1/16 sec. cor.

80.00 Intersect the cor. of secs. 5, 6, 31 and 32, on N. bdy.
of Tp. previously described.

Thence I run

S. 0° 03' E. on a true line bet. secs. 5 and 6.

Over level land, through brush.

3.30 Right bank of Gila River, course N.60°W.; bank, 15 ft. high.

Set an iron post for M.C. of frac. secs. 5 and 6, stamped
in cap

M C 1911 in S.
T 3 S S 5 in NE.
R 3 E S 6 in NW.
5 notches on E. edge

Dig a pit 36x36x12 ins. 8 ft. N. of post; and raise a
mound of earth 4 ft. base, 2 ft. high, N. of cor.

Subdivision of T. 3 S., R. 3 E.

Chains

Leave brush; enter river bed.

20.00 Point for 1/16 sec. cor. No. 6, bet. secs. 5 and 6 (N½), falls in river.

40.00 Point for ¼ sec. cor. bet. secs. 5 and 6, falls in river bed.

60.00 Point for 1/16 sec. cor. No. 12, bet. secs. 5 and 6 (S½)

79.40 Left bank of Gila River, course NW.; bank, 10 ft. high.

Set an iron post for M.C. of frac. secs. 5 and 6, stamped in cap

M C in N.
T 3 S S 6 in SW.
R 3 E S 5 in SE.
1911 in S.
5 notches on E. edge

Dig a pit 36x36x12 ins. 8 ft. S. of post; and raise a mound of earth 4 ft. base, 2 ft. high, S. of cor.

Leave river bed; enter brush.

80.00 The cor. of secs. 5, 6, 7 and 8.

Land, level, 4.30 chs.; river bed, 75.70 chs.
Soil, 2nd rate, 4.30 chs.; river bed, 75.70 chs.
Brush, arrow weed and mesquite, 4.30 chs.

From the ¼ sec. cor. bet. secs. 4 and 5, I run
S. 89° 57' W. on a true line through the middle of sec. 5.
Over level land, through brush.

12.70 Right bank of Gila River, course NW.; bank, 10 ft. high.

Set an iron post for 1/16 M.C. of frac. sec. 5, stamped in cap

M C in W.
1/16 S 5 in E.
1911 in S.

Dig a pit 36x36x12 ins. 8 ft. E. of post; and raise a mound of earth 4 ft. base, 2 ft. high, E. of cor.

Land, level.
Soil, 2nd rate.
Brush, mesquite and arrow weed.

From the 1/16 sec. cor. No. 6, bet. secs. 4 and 5 (N½), I run
S. 89° 57' W. on a true line through the middle of the N. half of sec. 5.

Over level land, through brush.

20.00 Set an iron post for 1/16 sec. cor. No. 5, in the center of the NE¼ of sec. 5, stamped in cap

Subdivision of T. 3 S., R. 3 E.

Chains

No 5 in N.
1/16 S 5 in center
1911 in S.

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.;
and raise a mound of earth 3 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.
and NW. quarters of sec. 5, stamped in cap

No 4 in N.
1/16 S 5 in center
1911 in S.

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.;
and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high,
N. of cor.

60.00 Right bank of Gila River, course NW.; bank, 6 ft. high.

Set an iron post for the 1/16 sec. cor. No. 3, in the
center of the NW 1/4 of sec. 5, and also for 1/16 M.C.,
stamped in cap

No 3 in N.
1/16 S 5 in center
1911 in S.
M C in W.

Dig a pit 36x36x12 ins. 8 ft. E. of post; and raise a
mound of earth 4 ft. base, 2 ft. high, E. of cor.

Land, level.
Soil, 2nd rate.
Brush, mesquite, sage and arrow weed.

From the 1/16 sec. cor. No. 5, in the center of the NE 1/4
of sec. 5, I run

S. 0° 2' E.
on a true line through the NE 1/4 of sec. 5.

Over level land, through brush.

16.80 Right bank of Gila River, course NW.; bank, 6 ft. high.

Set an iron post for 1/16 M.C. of frac. sec. 5, stamped
in cap

M C 1911 in S.
1/16 S 5 in N.

Dig a pit 36x36x12 ins. 8 ft. N. of post; and raise a
mound of earth 4 ft. base, 2 ft. high, N. of cor.

Land, level.
Soil, 2nd rate.
Brush, sage, mesquite and arrow weed.

From the 1/16 sec. cor. No. 4, bet. the NE. and NW.
quarters of sec. 5, I run

S. 0° 02' E. on a true line through the middle of sec. 5.

Over level land, through brush.

8.00 Right bank of Gila River, course NW.; bank, 10 ft. high.

Subdivision of T. 3 S., R. 3 E.

Chains

Set an iron post for 1/16 M.C. of frac. sec. 5, stamped in cap

M C 1911 in S.
1/16 S 5 in center

Dig a pit 36x36x12 ins. 8 ft. N. of post; and raise a mound of earth 4 ft. base, 2 ft. high, N. of cor.

Land, level.

Soil, 2nd rate.

Brush, mesquite, sage and arrow weed.

From the point for the 1/16 sec. cor. No. 12, bet. secs. 5 and 6 (S $\frac{1}{2}$) I run

S. 89° 57' W. on a random line through the middle of the S. half of sec. 6.

20.00 Set temp. 1/16 sec. cor.

40.00 Set temp. 1/16 sec. cor.

60.00 Set temp. 1/16 sec. cor.

78.56 Falls 7 lks. S. of the 1/16 sec. cor. No. 12, bet. secs. 1 and 6, on W. bdy. of Tp., previously described.

Thence I run

East on a true line through the middle of the S. half of sec. 6.

Over level land, through brush and timber.

12.00 Leave timber, brs. N. and S.

18.56 Set an iron post for 1/16 sec. cor. No. 9, in the center of the SW $\frac{1}{4}$ of sec. 6, stamped in cap

No 9 in N.
1/16 S 6 in center
1911 in S.

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise a mound of earth 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, N. of cor.

26.00 Road, brs. NW. and SE.

38.56 Set an iron post for 1/16 sec. cor. No. 10, bet. the SE. and SW. quarters of sec. 6, stamped in cap

No 10 in N.
1/16 S 6 in center
1911 in S.

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise a mound of earth 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, N. of cor.

58.56 Set an iron post for 1/16 sec. cor. No. 11, in the center of the SE $\frac{1}{4}$ of sec. 6, stamped in cap

No 11 in N.
1/16 S 6 in center
1911 in S.

Subdivision of T. 3 S., R. 3 E.

Chains

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise a mound of earth 3½ ft. base, 1½ ft. high, N. of cor.

69.86 Left bank of Gila River, course NW.; bank, 10 ft. high.

Set an iron post for 1/16 M.C. of frac. sec. 6, stamped in cap

M C in E.
1/16 S 6 in W.
1911 in S.

Dig a pit 36x36x12 ins. 8 ft. W. of post; and raise a mound of earth 4 ft. base, 2 ft. high, W. of cor.

78.56 The point for the 1/16 sec. cor. No. 12, bet. secs. 5 and 6 (S½).

Land, level, 69.86 chs.; river bed, 8.70 chs.
Soil, 2nd rate.
Brush, mesquite, sage and arrowweed, 69.86 chs.

From the point for the ¼ sec. cor. bet. secs. 5 and 6, in river bed (dry) I run

S. 89° 57' W. on a random line through the middle of sec. 6.

20.00 Set temp. 1/16 sec. cor.

40.00 Set temp. center ¼ sec. cor.

60.00 Set temp. 1/16 sec. cor.

78.54 Falls 6 lks. S. of the ¼ sec. cor. bet. secs. 1 and 6, on W. bdy. of Tp., previously described.

Thence I run

East on a true line through the middle of sec. 6.

Over level land, through brush and timber.

10.00 Leave timber, brs. N. and S.

12.00 Road, brs. NW. and SE.

17.00 Wash, 10 lks. wide, course N.

18.54 Set an iron post for 1/16 sec. cor. No. 8, bet. the NW. and SW. quarters of sec. 6, stamped in cap

No 8 in N.
1/16 S 6 in center
1911 in S.

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise a mound of earth 3½ ft. base, 1½ ft. high, N. of cor.

38.54 Set an iron post for center ¼ sec. cor. of sec. 6, stamped in cap

C ¼ S 6 in center
1911 in S.

Dig pits 18x18x12 ins. E., W. and S., 3 ft., and N. of post 7 ft. dist.; and raise a mound of earth 4 ft. base,

Subdivision of T. 3 S., R. 3 E.

Chains	
	N. of cor.
54.54	Left bank of Gila River, course N.15°W.; bank, 10 ft. high. Set an iron post for 1/16 M.C. of frac. sec. 6, stamped in cap M C in E. 1/16 S 6 in W. 1911 in S. Dig a pit 36x36x12 ins. 8 ft. W. of post; and raise a mound of earth 4 ft. base, 2 ft. high, W. of cor. Thence in river bed.
78.54	The point for the 1/4 sec. cor. bet. secs. 5 and 6. Land, level, 54.54 chs.; river bed, 24.00 chs. Soil, 2nd rate, 54.54 chs.; " " " " Brush, mesquite and sage, 54.54 chs. ----- point for From the 1/16 sec. cor. No. 6, bet. secs. 5 and 6, I run S. 89° 57' W. on a random line through the middle of the N. half of sec. 6.
20.00	Set temp. 1/16 sec. cor.
40.00	Set temp. 1/16 sec. cor.
60.00	Set temp. 1/16 sec. cor.
78.52	Falls 8 lks. S. of the 1/16 sec. cor. No. 6, bet. secs. 1 and 6 (N 1/4), on W. bdy. of Tp., previously described. Thence I run East on a true line through the middle of the N. half of sec. 6. Over level land, through brush and timber.
12.00	Leave timber, brs. N. and S.
18.52	Set an iron post for for 1/16 sec. cor. No. 3, in the center of the NW 1/4 of sec. 6, stamped in cap No 3 in N. 1/16 S 6 in center 1911 in S. Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high, N. of cor.
38.52	Set an iron post for 1/16 sec. cor. No. 4, bet. the NE. and NW. quarters of sec. 6, stamped in cap No 4 in N. 1/16 S 6 in center 1911 in S. Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high, N. of cor.
45.82	Left bank of Gila River, course N.; bank, 10 ft. high.

Subdivision of T. 3 S., R. 3 E.

Chains

Set an iron post for 1/16 M.C. of frac. sec. 6, stamped in cap

M C in E.
1/16 S 6 in W.
1911 in S.

Dig a pit 36x36x12 ins. 8 ft. W. of post; and raise a mound of earth 4 ft. base, 2 ft. high, W. of cor.

Thence in river bed.

78.52 The point for the 1/16 sec. cor. No. 6, bet. secs. 5 and 6 (N $\frac{1}{2}$), in bed of Gila River.

Land, level, 45.82 chs.; river bed, 32.70 chs.
Soil, 2nd rate.
Timber, mesquite, 12.00 chs.; brush, mesquite and sage, 66.52 chs.

From the 1/16 sec. cor. No. 11, in the center of the SE $\frac{1}{4}$ of sec. 6, I run

N. 0° 03' W. on a true line through the SE $\frac{1}{4}$ of sec. 6.

Over level land, through brush.

9.70 Left bank of Gila River, course NW.; bank, 10 ft. high.

Set an iron post for 1/16 M.C. of frac. sec. 6, stamped in cap

M C in N.
1/16 S 6 1911 in S.

Dig a pit 36x36x12 ins. 8 ft. S. of post; and raise a mound of earth 4 ft. base, 2 ft. high, S. of cor.

Land, level.
Soil, 2nd rate.
Brush, mesquite and arrow weed.

May 5, 1911.

Meanders of T. 3 S., R. 3 E.

Meanders of Right Bank of Gila River,
down stream.

May 8, 1911. At 7.00 a.m., l.m.t., I set off 33° 10' on the lat. arc, 16° 54' N. on the decl. arc, and determine a meridian with the solar, at the M.C. bet. secs. 13 and 18, on E. bdy. of Tp., which M.C. is 7.50 chs. S. of the 1/16 sec. cor. No. 6, bet. secs. 13 and 18 (N½).

Thence I run with meanders in sec. 13.

Over level land, through brush.

- N. 20° 08' W., 7.98 chs. At 1.15 - Road, brs. N. and S. To 1/16 M.C. of frac. sec. 13, which is 2.75 chs. S. 89° 58' W. of the 1/16 sec. cor. No. 6, bet. frac. secs. 13 and 18 (N½) on E. bdy. of Tp.
- N. 48° 39' W., 22.98 chs. To 1/16 M.C. of frac. sec. 13, which is South 4.80 chs. from 1/16 sec. cor. No. 1, bet. secs. 12 and 13 (E½).
- N. 36° 53' W., 6.00 chs. To M.C. of frac. secs. 12 and 13, which is S. 89° 58' W., 3.60 chs. from the 1/16 sec. cor. No. 1, bet. secs. 12 and 13 (E½).

Land, level.
Soil, 2nd rate.
Brush, mesquite, sage and arrow weed.

Thence in sec. 12.

Over level land, through brush.

- N. 50° 45' W., 21.18 chs. At 10.00 chs. - Road, brs. N. and S.
At 12.08 chs. - Middle of A.E. R.R. track, brs. N. 21° 45' E. and S. 21° 45' W.
At 14.00 chs. - Road, brs. N. and S.
To 1/16 M.C. of frac. sec. 12, which is South, 6.60 chs. from the 1/16 sec. cor. No. 10, bet. the SE. and SW. quarters of sec. 12.
- S. 88° 51' W., 20.00 chs. To 1/16 M.C. of frac. sec. 12, which is South 7.00 chs. from the 1/16 sec. cor. No. 9, in the center of the SW¼ of sec. 12.
- N. 19° 39' W., 7.43 chs. To 1/16 M.C. of frac. sec. 12, which is West, 2.41 chs. from the 1/16 sec. cor. No. 9, in the center of the SW¼ of sec. 12.
- N. 51° 12' W., 11.74 chs. To iron post set for angle point (mkd. A P 1911).

Meanders of T. 3 S., R. 3 E.

Chains

N. 67° 00' W., 9.10 chs. - To M.C. of frac. secs. 11 and 12, S. 0° 01' E., 9.08 chs. from 1/4 sec. cor. bet. secs. 11 and 12.

Land, level.
Soil, 2nd rate.
Brush, mesquite, sage and arrow weed.

Thence in sec. 11.

Over level land, through brush.

N. 80° 00' W., 18.20 chs. To iron post set for angle point (mkd. A P 1911).

S. 56° 45' W., 2.50 " To 1/16 M.C. of frac. sec. 11, which is S. 0° 01' E., 7.30 chs. from 1/16 sec. cor. No. 7, bet. the NE. and SE. quarters of sec. 11. At 1.00 ch., - Road, brs. NW. and SE.

S. 77° 45' W., 20.50 " To 1/16 M.C. of frac. sec. 11, which is S. 0° 01' E., 11.70 chs. from the center 1/4 sec. cor. of sec. 11.

N. 81° 15' W., 20.25 " To 1/16 M.C. of frac. sec. 11, S. 0° 01' E., 8.60 chs. from the 1/16 sec. cor. No. 8, bet. the NW. and SW. quarters of sec. 11.

N. 81° 15' W., 20.23 " To M.C. of frac. secs. 10 and 11, which is S. 0° 01' E., 5.56 chs. from the 1/4 sec. cor. bet. secs. 10 and 11.

Land, level.
Soil, 2nd rate.
Brush, mesquite, sage and arrow weed.

Thence in sec. 10.

Over level land, through brush.

S. 63° 11' W., 18.17 chs. To iron post set for angle point (mkd. A P 1911).

S. 80° 00' W., 3.90 " To 1/16 M.C. of frac. sec. 10, which is S. 0° 01' E., 14.40 chs. from 1/16 sec. cor. No. 7, bet. the NE. and SE. quarters of sec. 10.

S. 78° 00' W., 10.00 " To iron post set for angle point (mkd. A P 1911).

N. 45° 58' W., 14.20 " To 1/16 M.C. of frac. sec. 10, S. 0° 01' E., 6.50 chs. from the center 1/4 sec. cor. of sec. 10.

N. 32° 52' W., 7.73 " To 1/16 M.C. of frac. sec. 10, which is West 4.20 chs. from the center 1/4 sec. cor. of sec. 10.

Meanders of T. 3 S., R. 3 E.

Chains

- N. 0° 51' W., 20.00 chs. To 1/16 M.C. of frac. sec. 10, which is West 4.50 chs. from the 1/16 sec. cor. No. 4, bet. the NE. and NW. quarters of sec.10.
- N. 43° 23' W., 22.56 " To 1/16 M.C. of frac. sec. 10, which is S.0°01'E., 3.60 chs. from 1/16 sec. cor. No.2, bet. secs. 3 and 10, (W $\frac{1}{2}$).
- N. 41° 38' W., 4.81 " To 1/16 M.C. of frac. sec. 10, N.89°56'W., 3.20 chs. from the 1/16 sec. cor. No.2, bet.secs. 3 and 10 (W $\frac{1}{2}$).

Land, level.
 Soil, 2nd rate.
 Brush, mesquite, sage and arrow weed.

Cloudy at Noon today; no observation for lat. May 8, 1911.

 Thence in sec. 3.

Over level land, through brush.

- N. 57° 45' W., 12.82 chs. To iron post set for angle point (mkd. A P 1911).
- S. 88° 45' W., 6.00 " To M.C. of frac. secs. 3 and 4, which is S.0°01'E., 13.30 chs. from the 1/16 sec. cor. No.12, bet. secs. 3 and 4 (S $\frac{1}{2}$).

Land, level.
 Soil, 2nd rate.
 Brush, mesquite, sage and arrow weed.

 Thence in sec. 4.

Over level land, through brush.

- N. 73° 00' W., 12.60 chs. To iron post for angle point, (mkd. A P 1911).
- S. 83° 30' W., 8.00 " To 1/16 M.C. of frac. sec. 4, which is S.0°01'E., 10.50 chs. from 1/16 sec. cor. No.11, in the center of the SE $\frac{1}{4}$ of sec.4.
- S. 67° 00' W., 5.00 " To iron post set for angle point (mkd. A P 1911).
- S. 21° 15' W., 6.00 " To iron post set for angle point (mkd. A P 1911).
- N. 86° 00' W., 12.00 " To iron post set for angle point (mkd. A P 1911).
- N. 52° 00' W., 1.60 " To 1/16 M.C. of frac. sec. 4, which is S.0°01'E., 16.18 chs. from 1/16 sec. cor. No. 10, bet. the SE. and SW. quarters of sec. 4.
- N. 52° 37' W., 25.20 " To 1/16 M.C. of frac. sec. 4, which is S.0°01'E., 0.90 chs. from the 1/16 sec. cor. No.9, in the center of the SW $\frac{1}{4}$ of sec. 4.

Meanders of T. 3 S., R. 3 E.

Chains

N. 75° 30' W., 3.62 chs. To 1/16 M.C. of frac. sec. 4, which is West 3.50 chs. from 1/16 sec. cor. No. 9, in the center of the SW 1/4 of sec. 4.

N. 55° 45' W., 19.95 " To M.C. of frac. secs. 4 and 5, which is S. 0° 01' E., 8.80 chs. from the 1/2 sec. cor. bet. secs. 4 and 5.

Land, level.
Soil, 2nd rate.
Brush, mesquite, sage and arrow weed.

Thence in sec. 5.

Over level land, through brush.

N. 55° 15' W., 15.50 chs. - To 1/16 M.C. of frac. sec. 5, which is S. 89° 57' W., 12.70 chs. from the 1/2 sec. cor. bet. secs. 4 and 5.

N. 66° 15' W., 8.00 " To 1/16 M.C. of frac. sec. 5, which is S. 0° 02' E., 16.80 chs. from the 1/16 sec. cor. No. 5, in the center of the NE 1/4 of sec. 5.

N. 67° 30' W., 5.50 " To iron post set for angle point (mkd. A P 1911).

N. 65° 45' W., 16.35 " To 1/16 M.C. of frac. sec. 5, which is S. 0° 02' E., 8.00 chs. from the 1/16 sec. cor. No. 4, bet. the NE. and NW. quarters of sec. 5.

N. 68° 15' W., 21.53 " To 1/16 M.C. of frac. sec. 5, which is also 1/16 sec. cor. No. 3, in the center of the NW 1/4 of sec. 5.

N. 40° 00' W., 14.90 " To iron post set for angle point (mkd. A P 1911).

N. 63° 15' W., 11.70 " To M.C. of frac. secs. 5 and 6 S. 0° 03' E., 3.30 chs. from the cor. of secs. 5, 6, 31 and 32 on N. bdy. of Tp.

Land, level.
Soil, 2nd rate.
Brush, mesquite, sage and arrow weed.

Thence in sec. 6.

Over level land, through brush.

N. 60° 00' W., 6.58 chs. To M.C. of frac. secs. 6 and 31, on N. bdy. of Tp.

Land, level.
Soil, 2nd rate.
Brush, mesquite and arrow weed.

May 8, 1911.

Subdivision of T. 3 S., R. 3 E.

Meanders of Left Bank of Gila River,
up stream.

May 9, 1911. At 7.00 a.m., l.m.t., I set off 33° 12' on the lat. arc, 17° 11' N. on the decl. arc, and determine a meridian with the solar, at the M.C. of frac. secs. 6 and 31, on N. bdy. of Tp., which is N.89°57'E. 4.60 chs. from the 1/4 sec. cor. bet. secs. 6 and 31.

Thence I run with meanders in sec. 6.

Over level land, through brush.

- S. 0° 15' E., 17.00 chs. To iron post set for angle point (mkd. A P 1911).
- S. 41° 00'E., 4.00 " To 1/16 M.C. of frac. sec. 6, which is E., 7.30 chs. from 1/16 sec. cor. No. 4, bet. the NE. and NW. quarters of sec. 6.
- S. 23° 30' E., 21.80 " To 1/16 M.C. of frac. sec. 6, which is E., 16.00 chs. from the center 1/4 sec. cor. of sec. 6.
- S. 21° 15' E., 11.05 " To 1/16 M.C. of frac. sec. 6, which is N.0°03'W., 9.70 chs. from 1/16 sec. cor. No. 11, in the center of the SE 1/4 of sec. 6.
- S. 49° 30' E., 14.90 " To 1/16 M.C. of frac. sec. 6, which is E. 11.30 chs. from the 1/16 sec. cor. No. 11, in the center of the SE 1/4 of sec. 6.
- S. 24° 00' E., 21.25 " To M.C. of frac. secs. 5 and 6, N.0°03'W., 0.60 chs. from the cor. of secs. 5, 6, 7 and 8.

Land, level.
Soil, 2nd rate.
Brush, mesquite and arrow weed.

Thence in sec. 5.

Over level land, through brush.

- S. 33° 45' E., 0.72 chs. To M.C. of frac. secs. 5 and 8, which is N.89°57'E., 0.40 chs. from the cor. of secs. 5, 6, 7 and 8.

Land, level.
Soil, 2nd rate.
Brush, mesquite and arrow weed.

Cloudy at Noon today; no observation for lat. May 9, 1911.

Thence in sec. 8.

Over level land, through brush.

- S. 40° 00' E., 4.00 chs. To iron post for angle point (mkd. A P 1911).

Rock out

Subdivision of T. 3 S., R. 3 E.

Chains

- S. 63° 45' E., 19.05 chs. To 1/16 M.C. of frac. sec. 8, which is N.0°02'W., 8.50 chs. from the 1/16 sec. cor. No.3, in the center of the NW¼ of sec.8.
- S. 51° 30' E., 13.66 " To 1/16 M.C. of frac. sec. 8, N.89°57'E., 10.70 chs. from 1/16 sec. cor. No. 3, in the center of the NW¼ of sec. 8.
- S. 48° 30' E., 7.00 " To iron post set for angle point (mkd. A P 1911).
- S. 66° 15' E., 4.44 " To 1/16 M.C. of frac. sec. 8, N.0°02'W., 13.50 chs. from the center ¼ sec. cor. of sec. 8.
- S. 69° 00' E., 10.25 " To iron post set for angle point (mkd. A P 1911).
- S. 31° 30' E., 6.00 " To iron post set for angle point (mkd. A P 1911).
- S. 65° 45' E., 8.00 " To 1/16 M.C. of frac. sec. 8, which is N.0°02'W., 1.40 chs. from the 1/16 sec. cor. No. 7, bet. the NE. and SE. quarters of sec. 8.
- S. 78° 00' E., 6.75 " To 1/16 M.C. of frac. sec. 8, S.89°58'E., 6.60 chs. from 1/16 sec. cor. No. 7, bet. the NE. and SE. quarters of sec. 8.
- S. 82° 30' E., 4.07 " To iron post set for angle point (mkd. A P 1911).
- N. 82° 15' E., 4.00 " To 1/16 M.C. of frac. sec. 8, which is N.89°58'W., 5.40 chs. from the ¼ sec. cor. bet. secs. 8 and 9.
- N. 81° 30' E., 5.45 " To M.C. of frac. secs. 8 and 9, which is N.0°02'W., 0.80 chs. from the ¼ sec. cor. bet. secs. 8 and 9.

Land, level.
 Soil, 2nd rate.
 Brush, mesquite and arrow weed.

 Thence in sec. 9.

Over level land, through brush.

- N. 85° 15' E., 20.05 chs. To 1/16 M.C. of frac. sec. 9, which is N.0°02'W., 2.50 chs. from the 1/16 sec. cor. No. 8, bet. the NW. and SW. quarters of sec. 9.
- N. 58° 45' E., 8.00 " To iron post set for angle point (mkd. A P 1911).
- N. 78° 45' E., 13.42 " To 1/16 M.C. of frac. sec. 9, which is N.0°02'W., 9.30 chs. from the center ¼ sec. cor. of sec. 9.

Meanders of T. 3 S., R. 3 E.

- N. 54° 30' E., 18.50 chs. To 1/16 M.C. of frac. sec. 9, which is N.89°59'W., 4.90 chs. from the 1/16 sec. cor. No. 5, in the center of the NE $\frac{1}{4}$ of sec. 9.
- N. 68° 45' E., 5.26 " To 1/16 M.C. of frac. sec. 9, which is N.0°02'W., 1.90 chs. from 1/16 sec. cor. No. 5, in the center of the NE $\frac{1}{4}$ of sec.9.
- S. 38° 30' E., 2.41 " To 1/16 M.C. of frac. sec. 9, which is S.89°59'E., 1.50 chs. from the 1/16 sec. cor. No. 5, in the center of the NE $\frac{1}{4}$ of sec. 9.
- S. 3° 00' W., 5.50 " To iron post set for angle point (mkd. A P 1911).
- S. 17° 45' E., 9.10 " To iron post set for angle point (mkd. A P 1911).
- S. 4° 30' E., 5.84 " to 1/16 M.C. of frac. sec. 9, S.89°59'E., 4.50 chs. from the 1/16 sec. cor. No. 7, bet. the NE. and SE. quarters of sec.9.
- S. 1° 30' E., 20.00 " To 1/16 M.C. of frac. sec. 9, which is S.89°59'E., 5.00 chs. from the 1/16 sec. cor. No. 11, in the center of the SE $\frac{1}{4}$ of sec. 9.
- S. 38° 00' E., 24.42 " To M.C. of frac. secs. 9 and 10 which is N.0°02'W., 0.76 chs. from the cor. of secs. 9, 10, 15 and 16.

Land, level.
 Soil, 2nd rate.
 Brush, mesquite and arrow weed.

May 9, 1911.

 May 10, 1911. At 7.00 a.m., l.m.t., I set off 33° 10' on the lat. arc, 17° 27' N. on the decl. arc, and determine a meridian with the solar at the M.C. of frac. secs. 9 and 10, N. 0° 02' W., 0.76 chs. from the cor. of secs. 9, 10, 15 and 16.

Thence in sec. 10.

Over level land, through brush.

- S. 68° 11' E., 2.04 chs. To M.C. of frac. secs. 10 and 15, which is S.89°57'E., 1.90 chs. from the cor. of secs. 9, 10, 15 and 16.

Land, level.
 Soil, 2nd rate.
 Brush, mesquite and arrow weed.

Meanders of T. 3 S., R. 3 E.

Chains

Thence in sec. 15.

Over level land, through brush.

S. 49° 36' E., 23.77 chs. To 1/16 M.C. of frac. sec.15, N.0°01'W., 4.60 chs. from the 1/16 sec. cor. No. 3, in the center of the NW¼ of sec. 15.

S. 76° 34' E., 19.74 " To 1/16 M.C. of frac. sec. 15, which is S.89°57'E., 19.20 chs. from the 1/16 sec. cor. No. 3, in the center of the NW¼ of sec. 15.

S. 69° 26' E., 0.85 " To the 1/16 M.C. of frac. sec. 15, which is N.0°01'W., 19.70 chs. from the center ¼ sec.cor. of frac. sec. 15.

S. 61° 38' E., 22.73 chs. To 1/16 M.C. of frac. sec. 15, which is N.0°01'W., 8.90 chs. from the 1/16 sec. cor. No.7, bet. the NE. and SE. quarters of x frac. sec. 15.

S. 50° 30' E., 14.00 " To 1/16 M.C. of frac. sec. 15 which is S.89°54'E., 10.80 chs. from the 1/16 sec. cor. No.7, bet. the NE. and SE. quarters of sec. 15.

S. 24° 42' E., 22.01 " To M.C. of frac. secs. 14 and 15, which is also 1/16 sec. cor. No. 12, bet. secs. 14 and 15 (S½).

Land, level.
Soil, 2nd rate.
Brush, mesquite and arrow weed

Thence in sec. 14.

Over level land, through brush.

N. 29° 45' E., 16.65 chs. To iron post set for angle point.

N. 77° 30' E., 12.00 " To 1/16 M.C. of frac. sec. 15, N.0°01'W., 17.10 chs. from 1/16 sec. cor.No.9, in the center of the SW¼ of sec. 14.

N. 68° 00' E., 4.00 " To iron post set for angle point (mkd. A P 1911).

S. 89° 30' E., 16.30 " To 1/16 M.C. of frac. sec. 14, which is N.0°01'W., 18.45 chs. from the 1/16 sec. cor. No.10, bet. the SE. and SW. quarters of sec. 14.

N. 56° 45' E., 2.86 " To 1/16 M.C. of frac. sec. 14, which is N.89°57'W., 17.60 chs. from 1/16 sec.cor.No.7, bet.the NE. and SE. quarters of sec.14.

BOOK 446

Meanders of T. 3 S., R. 3 E.

N. 46° 45' E.	24.20 chs.;	To 1/16 M.C. of frac. sec.14, which is N.0°01'W., 16.60 chs. from 1/16 sec. cor. No. 7, bet. the NE. and SE. quarters of sec. 14.
N. 59° 15' E.,	3.00 chs.	To iron post set for angle point (mkd. A P 1911).
N. 81° 15' E.,	6.00 "	To iron post set for angle point (mkd. A P 1911).
S. 64° 30' E.,	9.50 "	To iron post for angle point (mkd. A P 1911).
S. 52° 00' E.,	3.70 "	To M.C. of frac. secs. 13 and 14, which is N.0°01'W., 12.60 chs. from the 1/4 sec. cor. bet. secs. 13 and 14.

Land, level.
Soil, 2nd rate.
Brush, mesquite and arrow weed.

Thence in sec. 13.

Over level land, through brush.

N. 86° 00' E.,	15.60 chs.	To iron post set for angle point (mkd. A P 1911).
S. 62° 23' E.,	5.00 "	To 1/16 M.C. of frac. sec.13, which is North 11.40 chs. from the 1/16 sec. cor.No.8, bet. the NW. and SW. quarters of sec. 13.
S. 50° 45' E.,	7.20 "	To iron post set for angle point (mkd. A P 1911). At 5.50 chs. - Road, brs.N. and S. At 6.98 chs. - Middle of A.E. and R.R. track, brs.N.21°45'E. and S.21°45'W.
S. 7° 13' E.,	6.88b "	To 1/16 M.C. of frac. sec.13, which is N.89°58'E., 6.42 chs. from the 1/16 sec. cor. No. 8, bet. the NW. and SW. quarters of sec. 13.
S. 62° 00' E.,	5.60 "	To iron post set for angle point (mkd. A P 1911).
S. 23° 30' E.,	7.70 "	To iron post set for angle point (mkd. A P 1911).
S. 23° 06' E.,	11.18 "	To 1/16 M.C. of frac. sec.13, which is N.89°58'E., 18.74 chs. from 1/16 sec. cor. No. 9, in the center of the SW 1/4 of sec. 13.
S. 46° 30' E.,	1.75 "	To 1/16 M.C. of frac. sec. 13 which is N., 18.80 chs. from the 1/4 sec. cor. bet. secs. 13 and 24.
S. 79° 15' E.,	20.36 "	To 1/16 M.C. of frac. sec. 13,

Meanders of T. 3 S., R. 3 E.

Chains

which is N., 15.00 chs. from
the 1/16 sec. cor. No. 1, bet.
secs. 13 and 24 (E $\frac{1}{2}$).

S. 54° 45' E., 17.96 chs.

To iron post set for angle
point (mkd. A P 1911).

S. 12° 30' W., 4.75 "

To M.C. of frac. secs. 13 and
24, which is N. 89° 58' E.,
13.61 chs. from the 1/16 sec.
cor. No. 1, bet. secs. 13 and
24 (E $\frac{1}{2}$).

Land, level.

Soil, 2nd rate.

Brush, mesquite and arrow weed.

Thence in sec. 24.

Over level land, through brush.

S. 6° 00' E., 8.00 chs.

To iron post set for angle
point (mkd. A P 1911).

S. 47° 15' E., 7.60 "

To M.C. of frac. secs. 19 and
24, which is N. 6.90 chs. from
the 1/16 sec. cor. No. 6, bet.
secs. 19 and 24, on E. bdy.
of Tp.

Land, level.

Soil, 2nd rate.

Brush, mesquite, sage and arrow weed.

May 10, 1911.

Meanders of T. 3 S., R. 3 E.

GENERAL DESCRIPTION

This township is, as a whole, level; excepting a butte in Secs. 23 and 26.

The land in the southwest portion of this township is alkali, and cut by washes (dry) and old channels of the Santa Cruz River. While there is no running water in this river, good water is within six or eight feet of the surface.

The Gila River runs through the northern part of the township.

There is a little timber of value, except cottonwood along the Gila River.

The greater part of this township is covered with low mesquite, which in many places is very dense.

R. A. FARMER
Topographer.

List of Assistants:

- Lee C. Daves, Instrumentman
- H. W. Van Noate, Chairman
- Fred'k C. Miller, Chairman
- W. G. Thompson, Flagman
- Robt. Flower, Moundman
- Geo. Land, Axman
- Tim Barclay, Axman

- A. H. Greene, Instrumentman
- T. H. Biedenkopf, Chairman
- F. W. Cable, Chairman
- A. G. Hollister, Flagman
- Dan Nicoll, Moundman
- Tim O'Connor, Axman
- Herbert Potter Edwards, Axman.

Washington, D.C., *June 17,* 1915.

I hereby certify that the survey of the subdivision and meander lines of T. 3 S., R. 3 E., within the Gila River Indian Reservation, Arizona, was made under my direction and supervision, and to the best of my knowledge and belief the field work was done in strict accordance with instructions given me dated Oct. 11, 1910, and the Manual of Surveying Instructions, and that these field notes are a correct representation thereof.

A. F. Dunnington

Topographer in Charge of
Indian Surveys.

FINAL OATH OF UNITED STATES SURVEYOR.

173

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., July 29, 191 9

The foregoing field notes of the survey of _____ subdivision and meander lines in T. 3 S., R. 3 E., within the Gila River Indian Reservation, Arizona,

executed by **Robert A. Farmer, Topographer, under direction of A. F. Dunnington, Topographer in Charge of Indian Surveys** under his special instructions dated **Oct. 11,** _____, 191 **0**, 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.

~~U.S. Surveyor General~~
Commissioner of the General Land Office