

LOC. 2438

# FIELD NOTES

OF ~~THE~~ THE Extension Survey and

Independent RESURVEY OF

Subdivision and Meander Lines

in

TOWNSHIP 3 SOUTH

RANGE 4 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-

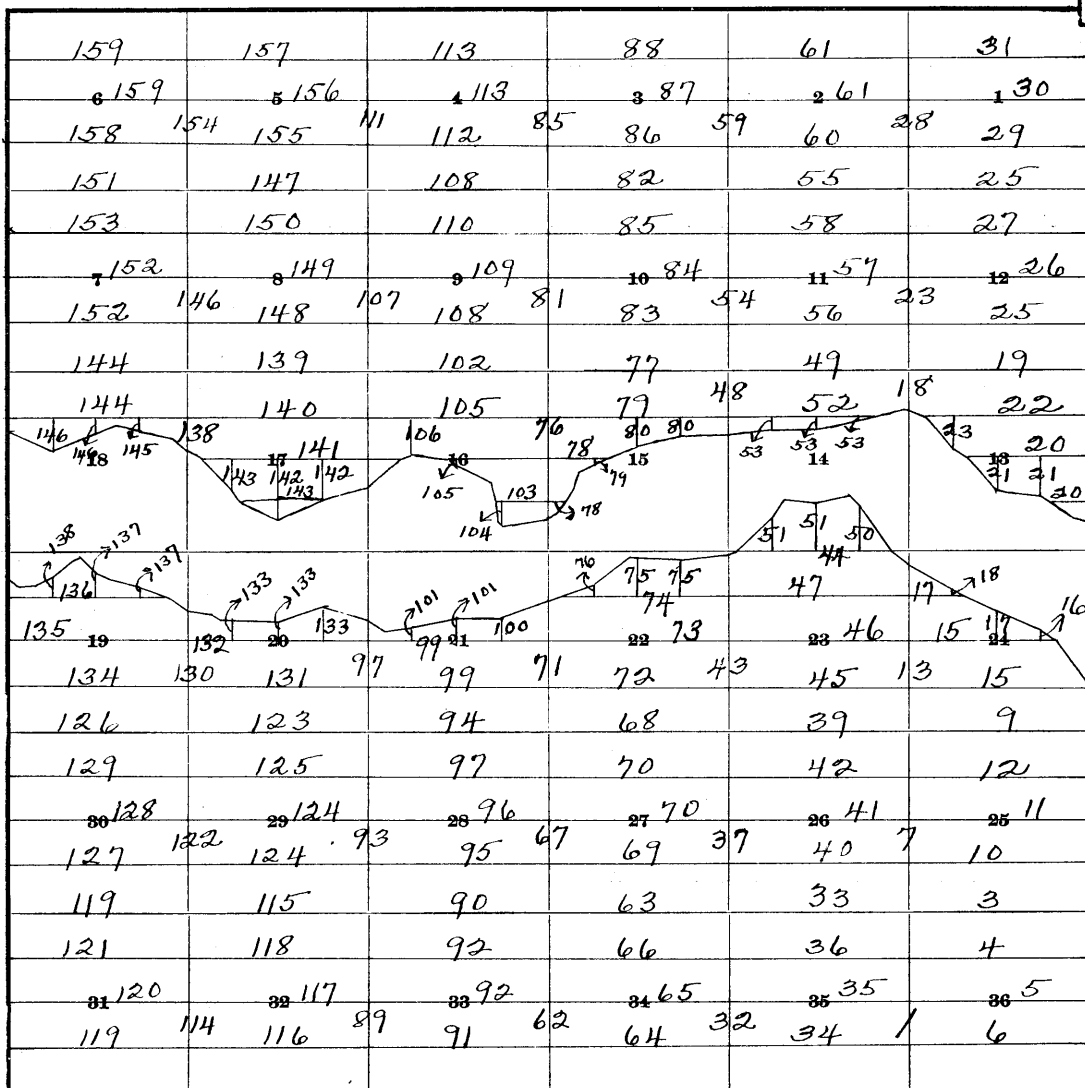
Survey commenced March 25, 1911, 191-

Survey completed April 28, 1911, 191-

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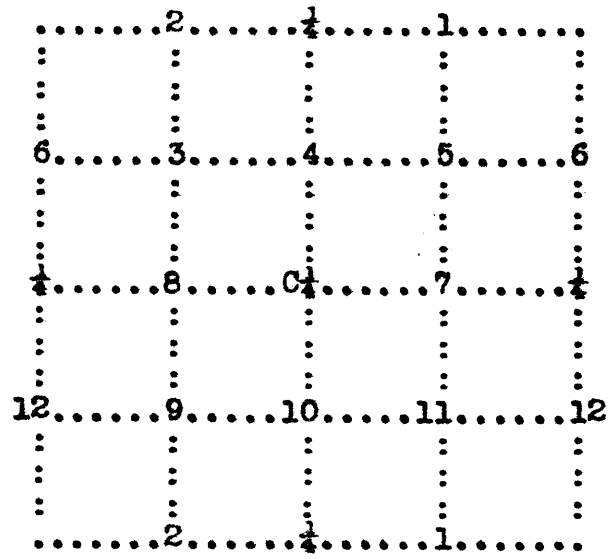
# INDEX DIAGRAM.

Township 3 South, Range 4 East



Meanders of Left bank of Gila River, Pages 161 to 164  
 Meanders of Right bank of Gila River, " 165 to 168

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



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

## Chains

Survey commenced March 25, 1911, by R. A. Farmer, Topographer, and executed with a Young & Sons light mountain transit, No. 8300 ~~xxxxxxx~~, with solar attachment.. The horizontal limb is provided with two double verniers placed opposite to each other, reading to single minutes of arc, which is also the least count of the verniers of the latitude and declination arc..

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

The instrument was examined and tested on a meridian at Phoenix, Arizona, Dec. 1, 1910, and found to be correct; and it was also tested at various times after that date on meridian established at camp.

The SE. cor. of this township is in latitude  $33^{\circ} 07' N.$ , longitude  $111^{\circ} 54' W.$

March 25, 1911. At my camp, in T. 3 S., R. 3 E., near the station house at Sacaton Station, At 7h 13.6m p.m., l.m.t., I observe Polaris at western elongation in accordance with the Manual of Surveying Instructions, and mark the point in the line thus determined on a peg driven in the ground 5.00 chs. northerly from my station.

March 26, 1911. At 8 a.m., l.m.t., I lay off the azimuth of Polaris  $1^{\circ} 23'$  to the East, and mark the meridian thus determined by driving a peg in the ground, east of the point set last night.

March 28, 1911. At 7 a.m., l.m.t., I set off  $33^{\circ} 07'$  on the lat. arc,  $2^{\circ} 44' N.$  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.  $0^{\circ} 01' W.$  bet. secs. 35 and 36.

Over level land, through sage and mesquite brush.

- 2.00 Road, brs. S.  $80^{\circ} E.$  and N.  $80^{\circ} W.$
- 16.00 Two Indian huts, bear E., 200 lks. dist.
- 17.00 Two Indian huts, bear W., 450 lks. dist.
- 18.00 Four Indian huts, bear W., 650 lks. dist.
- 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 35 in W. half  
S 36 in E. half  
No 12 in N.  
1911 in S.

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

26.60 Fence, brs. S. 85° E. and N. 85° W. Leave brush; enter cultivated field.

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).

51.00 Indian house brs. W., 450 lks. dist.

53.70 Fence, brs. N. 70° W. and S. 70° E.

53.90 Ditch, 15 lks. wide, course S. 70° E.

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

54.30 Fence, brs. N. 70° W. and S. 70° E.

60.00 Set an iron post for 1/16 sec. cor. No. 6, bet. secs. 35 and 36 (N 1/2), 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.

65.90 Fence, brs. S. 70° E. and N. 70° W.

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 4 E S 36 in SE. "  
S 35 in SW. "  
S 26 in NW. "  
1911 in S.

1 notch 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.

Soil, 2nd rate.

Brush, mesquite and sage, 26.60 chs.

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N. 89° 51' E. on a random line bet. secs. 25 and 36.

20.00 Set temp. 1/16 sec. cor.

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

Chains

- 40.00 Set temp.  $\frac{1}{4}$  sec. cor.
- 60.00 Set temp.  $\frac{1}{16}$  sec. cor.
- 79.96 Intersect the cor. of secs. 25, 30, 31 and 36, on E. bdy. of Tp., previously described.
- Thence I run
- S.  $89^{\circ} 51'$  W. on a true line bet. secs. 25 and 36.
- Over level, cultivated fields.
- 8.46 Fence, brs. N.  $30^{\circ}$  E. and S.  $30^{\circ}$  W.
- 9.56 Ditch, 10 lks. wide, course S.  $30^{\circ}$  W.
- 14.80 Fence, brs. N.  $30^{\circ}$  E. and S.  $30^{\circ}$  W.
- 18.99 Fence, brs. N.  $30^{\circ}$  E. and S.  $30^{\circ}$  W.
- 19.40 Road, brs. N.  $30^{\circ}$  E. and S.  $30^{\circ}$  W.
- 19.99 Set an iron post for  $\frac{1}{16}$  sec. cor. No. 1, bet. secs. 25 and 36 ( $E\frac{1}{16}$ ), stamped in cap
- No 1  $\frac{1}{16}$  S 25 in N. half  
S 36 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.
- 26.60 Fence, brs. N.  $30^{\circ}$  E. and S.  $30^{\circ}$  W.
- 26.80 Ditch, 10 lks. wide, course S.  $30^{\circ}$  W.
- 33.90 Fence, brs. N.  $30^{\circ}$  E. and S.  $30^{\circ}$  W.
- 39.98 Set an iron post for  $\frac{1}{4}$  sec. cor. bet. secs. 25 and 36, stamped in cap
- $\frac{1}{4}$  S 25 in N. half  
S 36 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.
- 40.66 Fence, brs. N.  $30^{\circ}$  E. and S.  $30^{\circ}$  W.
- 40.76 Ditch, 10 lks. wide, course S.  $30^{\circ}$  W.
- 54.15 Fence, brs. N. and S.
- 54.25 Ditch, 10 lks. wide, course S.  $30^{\circ}$  W.
- 59.97 Set an iron post for  $\frac{1}{16}$  sec. cor. No. 2, bet. secs. 25 and 36 ( $W\frac{1}{16}$ ), stamped in cap
- $\frac{1}{16}$  S 25 No 2 in N. half  
S 36 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.
- 62.80 Ditch, 10 lks. wide, course S.  $30^{\circ}$  W.

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Chains

65.80 Fence, brs. N. and S.

71.00 Ditch, 10 lks. wide, course S. 30° W.

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

Land, level. (Cultivated fields).  
Soil, 2nd rate.

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From the 1/16 sec. cor. No. 6, bet. secs. 35 and 36 (N½),  
I run

N. 69° 51' E. on a random line through the middle of the  
N. half of sec. 36, setting temp. cors. at intervals  
of 20.00 chs.

80.04 Falls 5 lks. N. of 1/16 sec. No. 6, bet. secs. 31 and 36  
(N½), on E. bdy. of Tp., previously described.

Thence I run

S. 89° 53' W. on a true line through the middle of the  
N. half of sec. 36.

Over level land, through cultivated fields.

6.90 Fence, brs. N. 30° E. and S. 30° W.

7.00 Ditch, 8 lks. wide, course S. 30° W.

12.30 Fence, brs. N. and S.

12.35 Ditch, 10 lks. wide, course S. 30° W.

18.40 Fence, brs. N. 30° E. and S. 30° W.

20.01 Set an iron post for 1/16 sec. cor. No. 5, in the center  
of the NE¼ 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 3½ ft. base, 1½ ft. high,  
N. of cor.

24.30 Intersect of ditch, 10 lks. wide, course SW., with road,  
bearing N. and S.

29.75 Brush fence, brs. NE. and SW., and Indian hut brs. N.,  
1.00 chs. dist.

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

40.02 Set an iron post for 1/16 sec. cor. No. 4, bet. the NE.  
and NW. quarters of sec. 36, stamped on 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 3½ ft. base, 1½ ft. high,  
N. of cor.

51.55 Fence, brs. N. 30° E. and S. 30° W.

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

Chains

60.03 Set an iron post for 1/16 sec. cor. No. 3, in the center of the NW 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 1/2 ft. base, 1 1/2 ft. high, N. of cor.

61.80 Ditch, 10 lks. wide, course S. 30° W.

67.80 Ditch, 10 lks. wide, course S. 30° W.

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

Land, level. (Cultivated fields).  
Soil, 2nd rate.

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From the 1/4 sec. cor. bet. secs. 35 and 36, I run

N. 89° 51' E. on a random line through the middle of sec. 36, setting temp. cors. at intervals of 20.00 chs.

80.00 Falls 7 lks. N. of the 1/4 sec. cor. bet. secs. 31 and 36, on E. bdy. of Tp., previously described.

Thence I run

S. 89° 54' W. on a true line through the middle of sec. 36.

Over level land, through cultivated fields.

8.00 Fence, brs. N. 30° E. and S. 30° W.

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

No 7 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 1/2 ft. base, 1 1/2 ft. high, N. of cor.

23.00 Fence, brs. N. 30° E. and S. 30° W.

27.40 Fence, brs. N. 30° E. and S. 30° W.

27.60 Middle of road, brs. N. 30° E. and S. 30° W.

27.80 Fence, brs. N. 30° E. and S. 30° W.

40.00 Set an iron post for center 1/4 sec. cor. of sec. 36, stamped in cap

C 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.

46.40 Brush fence, brs. N. and S.



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Chains

46.50 Ditch, 10 lks. wide, course S. 30° W.

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

No 8 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 3½ ft. base, 1½ ft. high, N. of cor.

61.90 Fence, brs. N. 30° E. and S. 30° W.

66.90 Ditch, 10 lks. wide, course SW.

67.95 Fence, brs. N. 30° E. and S. 30° W.

68.00 Ditch, 10 lks. wide, course S. 30° W.

71.90 Fence, brs. N. 30° E. and S. 30° W.

72.00 Ditch, 10 lks. wide, course S. 30° W.

80.00 The ¼ sec. cor. bet. secs. 35 and 36.

Land, level. (Cultivated field).  
Soil, 2nd rate.

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From the 1/16 sec. cor. No. 12, bet. secs. 35 and 36 (S½), I run

N. 89° 51' E. on a random line through the middle of the S. half of sec. 36, setting temp. cors. at intervals of 20.00 chs.

80.00 Falls 7 lks. N. of the 1/16 sec. cor. No. 12, bet. secs. 31 and 36 (S½), on E. bdy. of Tp., previously described.

Thence I run

S. 89° 54' W. on a true line through the middle of the S. half of sec. 36.

Over level land, through brush.

6.00 Road, brs. NW. and SE.

20.00 Set an iron post for 1/16 sec. cor. No. 11, in the center of the SE¼ of sec. 36, stamped in cap

No 11 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 3½ ft. base, 1½ ft. high, N. of cor.

29.10 Indian hut, brs. N., 60 lks. dist.

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

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

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

Chains

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

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

44.00 Leave brush; enter Indian village, brs. N. and S.

53.25 Indian hut, on line.

56.85 Indian hut on line.

60.00 Set an iron post for 1/16 sec. cor. No. 9, in the center  
of the SW¼ of sec. 36, stamped in cap

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

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

67.93 NW. cor. of Cassa Blanca Church, brs. S., 10 lks. dist.

68.30 Cassa Blanca Church fence, brs. N. and S.

Leave village; enter brush.

80.00 The 1/16 sec. cor. No. 12, bet. secs. 35 and 36, (S½).

Land, level.  
Soil, 2nd rate.  
Brush, mesquite and sage, 44.00 chs.

March 28, 1911.

March 31, 1911. At 8 a.m., l.m.t., I set off 33° 08' on  
the lat. arc, 3° 54' N. on the decl. arc, and determine  
a meridian with the solar, at the cor. of secs. 25, 26,  
35 and 36.

Thence I run

N. 0° 01' W. bet. secs. 25 and 26.

Over level land, through cultivated fields.

1.40 Ditch, 10 lks. wide, course S. 70° W.

1.50 Wire fence, brs. N. 70° E. and S. 70° W.

8.00 Fence, brs. N. 10° E. and S. 10° W.

11.50 Fence, brs. N. 70° W. and S. 70° E.

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

12.00 Ditch, 15 lks. wide, course S. 70° E.

12.20 Fence, brs. N. 70° W. and S. 70° E.

20.00 Set an iron post for 1/16 sec. cor. No. 12, bet. secs. 25  
and 26 (S½), stamped in cap

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

Chains

1/16 S 26 in W. half  
S 25 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.

24.00 Fence, brs. N. 70° W. and S. 70° E.

36.50 Fence, brs. N. 20° E. and S. 20° 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.

45.60 Fence, brs. N. 70° W. and S. 70° E.

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

46.40 Ditch, 16 lks. wide, course N. 70° W.

46.60 Fence, brs. N. 60° W. and S. 60° E.

59.50 Fence, brs. N. 30° E. and S. 30° W.

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.

70.70 Fence, brs. N. 30° E. and S. 30° W.

70.90 Ditch, 10 lks. wide, course S. 30° W.

79.00 Fence, brs. N. 60° W. and S. 60° E.

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 4 E S 25 in SE. "  
S 26 in SW. "  
S 23 in NW. "

1911 in S.  
2 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. (Cultivated field).  
Soil, 2nd rate.

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

Chains

N. 89° 51' E. on a random line bet. secs. 24 and 25, setting temp. cors. at intervals of 20.00 chs.

79.96 Intersect the cor. of secs. 19, 24, 25 and 30, on E. bdy. of Tp., previously described.

Thence I run

S. 89° 51' W. on a true line bet. secs. 24 and 25.

Over level land; through cultivated fields.

8.00 Ditch, 10 lks. wide, course NW.

10.50 Road, brs. NW. and SE.

11.00 Fence, brs. NW. and SE.

19.99 Set an iron post for 1/16 sec. cor. No. 1, bet. secs. 24 and 25 (E $\frac{1}{2}$ ), 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 3 $\frac{1}{2}$  ft. base, 1 $\frac{1}{2}$  ft. high, N. of cor.

39.98 Set an iron post for  $\frac{1}{4}$  sec. cor. bet. secs. 24 and 25, stamped in cap

$\frac{1}{4}$  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 3 $\frac{1}{2}$  ft. base, 1 $\frac{1}{2}$  ft. high, N. of cor.

42.00 Fence, brs. N. 30° E. and S. 30° W.

52.00 Fence, brs. N. 30° E. and S. 30° W.

59.97 Set an iron post for 1/16 sec. cor. No. 2, bet. secs. 24 and 25, (W $\frac{1}{2}$ ), 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 3 $\frac{1}{2}$  ft. base, 1 $\frac{1}{2}$  ft. high, N. of cor.

66.00 Ditch, 10 lks. wide, course SE.

79.96 The cor. of secs. 23, 24, 25 and 26.

Land, level.  
Soil, 2nd rate.  
No brush.

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From the 1/16 sec. cor. No. 12, bet. secs. 25 and 26 (S $\frac{1}{2}$ ), I run

N. 89° 51' E. on a random line through the middle of the S. half of sec. 25, setting temp. cors. at intervals of 20.00 chs.

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

## Chains

79.96 Falls 2 lks. N. of the 1/16 sec. cor. No. 12, bet. secs. 25 and 30 (S $\frac{1}{2}$ ), on E. bdy. of Tp., previously described.

Thence I run

S. 89° 52' W. on a true line through the middle of the S. half of sec. 25.

Through cultivated fields.

1.24 Fence, brs. N. 30° E. and S. 30° W.

6.90 Fence, brs. N. 30° E. and S. 30° W.

12.00 Fence, brs. N. 30° E. and S. 30° W.

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

12.40 Fence, brs. N. 30° E. and S. 30° W.

19.99 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.

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

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

39.98 Set an iron post for 1/16 sec. cor. No. 10, bet. the SE. and SW. quarters of sec. 25, stamped on 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.

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

43.50 Ditch, 10 lks. wide, course S. 30° W.

44.00 School house, brs. S., 2.00 chs. dist.

45.25 Fence, brs. NW. and SE.

45.45 Fence, brs. NW. and SE.

48.70 Road, brs. NW. and SE.

49.07 Fence, brs. NW. and SE.

59.97 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.

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

Chains

65.00 Fence, brs. N. 30° E. and S. 30° W.

68.00 Fence, brs. NW. and SE.

78.00 Fence, brs. N. 30° E. and S. 30° W.

79.96 The 1/16 sec. cor. No. 12, bet. secs. 25 and 26 (S½).

Land, level. (Cultivated fields).  
Soil, 2nd rate.

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From the ¼ sec. cor. bet. secs. 25 and 26, I run  
N. 89° 51' E. on a random line through the middle of sec.  
25, setting temp. cors. at intervals of 20.00 chs.

79.92 Falls 7 lks. S. of the ¼ sec. cor. bet. secs. 25 and 30,  
on E. bdy of Tp., previously described.

Thence I run

S. 89° 48' W. on a true line through the middle of sec.  
25.

Over level land, through cultivated fields.

9.00 Road, brs. N. and S.

19.98 Set an iron post for 1/16 sec. cor. No. 7, bet. the NE.  
and SE. quarters of sec. 25, stamped on 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 3½ ft. base, 1½ ft. high,  
N. of cor.

39.96 Set an iron post for center ¼ sec. cor. of sec. 25,  
stamped on cap

C ¼ 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.

43.50 Ditch, 10 lks. wide, course SE.

45.50 Brush fence, brs. N. and S.

59.94 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 3½ ft. base, 1½ ft. high,  
N. of cor.

65.40 Brush fence, brs. NW. and SE.

73.00 Ditch, 10 lks. wide, course NW.

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

Chains	
73.90	Fence, brs. NW. and SE.
74.40	Road, brs. NW. and SE.
74.80	Fence, brs. NW. and SE.
75.00	Indian hut, brs. N., 3.00 chs. dist.
78.70	Fence, brs. N. 30° E. and S. 30° W.
79.92	The 1/4 sec. cor. bet. secs. 25 and 26.
	Land, level. (Cultivated fields). Soil, 2nd rate.
	-----
	From the 1/16 sec. cor. No. 6, bet. secs. 25 and 26 (N 1/2), I run
	N. 89° 51' E. on a random line through the middle of the N. half of sec. 25, setting temp. cors. at intervals of 20.00 chs.
79.96	Falls 5 lks. S. of the 1/16 sec. cor. No. 6, bet. secs. 25 and 30, (N 1/2), on E. bdy. of Tp., previously described.
	Thence I run
	S. 89° 49' W. on a true line through the middle of the N. half of sec. 25.
	Over level land, through cultivated fields.
1.00	Brush fence, brs. N. 30° E. and S. 30° W.
1.50	Road, brs. N. 30° E. and S. 30° W.
2.00	Fence, brs. N. 30° E. and S. 30° W.
19.20	Fence, brs. N. 30° E. and S. 30° W.
19.99	Set an iron post for 1/16 sec. cor. No. 5, in the center of the NE 1/4 of sec. 25, stamped on 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 3 1/2 ft. base, 1 1/2 ft. high, N. of cor.
31.15	Fence, brs. N. 30° E. and S. 30° W.
37.00	Fence, brs. N. 30° E. and S. 30° W.
39.98	Set an iron post for 1/16 sec. cor. No. 4, bet. the NE. and NW. quarters of sec. 25, stamped on 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 3 1/2 ft. base, 1 1/2 ft. high, N. of cor.

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

## Chains

- 46.70 Ditch, 10 lks. wide, course SE.
- 56.00 Leave fields; enter mesquite brush, brs. N. 30° E. and S. 30° W.
- 59.97 Set an iron post for 1/16 sec. cor. No. 3, in the center of the NW $\frac{1}{4}$  of sec. 25, stamped on 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 3 $\frac{1}{2}$  ft. base, 1 $\frac{1}{2}$  ft. high, N. of cor.
- 64.00 Leave brush; enter cultivated fields bearing N. 30° E. and S. 30° W.
- 66.75 Ditch, 10 lks. wide, course NW.
- 71.25 Fence, brs. NW. and SE.
- 79.96 The 1/16 sec. cor. No. 6, bet. secs. 25 and 26 (N $\frac{1}{2}$ ).

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

March 31, 1911.

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April 1, 1911. At the cor. of secs. 23, 24, 25 and 26, I set off 4° 21' N. on the decl. arc, and at 12h 04m p.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.

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Thence I run

N. 0° 01' W. bet. secs. 23 and 24.

Over level land, through cultivated fields.

- 1.00 Indian hut, brs. W., 200 lks. dist.
- 2.50 Indian hut, brs. E., 40 lks. dist.
- 11.50 Fence, brs. S. 60° E. and N. 60° W.
- 12.50 Indian hut, brs. E., 450 lks. dist.
- 20.00 Set an iron post for 1/16 sec. cor. No. 12, bet. secs. 23 and 24 (S $\frac{1}{2}$ ), stamped on 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 $\frac{1}{2}$  ft. base, 1 $\frac{1}{2}$  ft. high, W. of cor.
- 25.00 Fence, brs. S. 30° W. and N. 30° E.
- 26.30 Fence, brs. N. 60° W. and S. 60° E.
- Leave field; enter mesquite brush, brs. N. 60° W. and S. 60° E.



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

Chains

30.00 Leave brush; enter field, brs. N. 60° W. and S. 60° E.

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.

40.70 Fence, brs. E. and W.

41.20 Ditch, 10 lks. wide, course W.

54.30 Fence, brs. N. 70° W. and S. 70° E.

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

70.00 Leave field; enter brush, brs. E. and W.

74.08 Left bank of Gila River, course W.; bank, 3 ft. high.

Set an iron post for M.C. of frac. secs. 23 and 24, stamped on cap

M C in N.  
T 3 S S 23 in SW.  
R 4 E S 24 in SE.  
1911 in S.  
1 notch on E. edge

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

Thence over sand bar in river bed.

80.00 Point for cor. of secs. 13, 14, 23 and 24 falls in river bed.

Set temp. cor.

Land, level.

Soil, 2nd rata.

(Field, 70.00 chs.; 4.08 chs., brush; balance, river bed.)

-----  
From the 1/16sec. cor. No. 12, bet. secs. 23 and 24 (S 1/2), I run

N. 89° 51' E. on a random line through the middle of the S. half of sec. 24, setting temp. cors. at intervals of 20.00 chs.

79.96 Intersect the 1/16 sec. cor. No. 12, bet. secs. 19 and 24 (S 1/2), on E. bdy. of Tp., previously described.

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

Chains

Thence I run

S. 89° 51' W. on a true line through the middle of the S. half of sec. 24.

Over level land, through cultivated field.

3.80 Ditch, 10 lks. wide, course NW.

10.00 Fence, brs. N. 30° E. and S. 30° W.

15.50 Fence, brs. N. 30° E. and S. 30° W.

19.99 Set an iron post for 1/16 sec. cor. No. 11, in the center of the SE 1/4 of sec. 24, stamped on 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 3 1/2 ft. base, 1 1/2 ft. high N. of cor.

30.00 Fence, brs. N. 30° E. and S. 30° W.

36.00 Ditch, 10 lks. wide, course NW.

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

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.

43.70 Ditch, 10 lks. wide, course SW.

59.97 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.

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

Land, level. (Cultivated fields).  
Soil, 2nd rate.

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From the 1/4 sec. cor. bet. secs. 23 and 24, I run

N. 89° 51' E. on a true line through the middle of frac. sec. 24.

Through fields.

5.95 Ditch, 10 lks. wide, course NW.

15.00 Fence, brs. N. 30° E. and S. 30° W.

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

Chains	
20.00	<p>Set an iron post for 1/16 sec. cor. No. 8, bet. the NW. and SW. quarters of sec. 24, stamped on cap</p> <p style="padding-left: 40px;">No 8 in N. 1/16 S 24 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>
40.00	<p>Set an iron post for center ¼ sec. cor. of sec. 24, stamped in cap</p> <p style="padding-left: 40px;">C ¼ S 24 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>
60.00	<p>Set an iron post for 1/16 sec. cor. No. 7, bet. the NE. and SE. quarters of sec. 24, stamped in cap</p> <p style="padding-left: 40px;">No 7 in N. 1/16 S 24 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>
65.02	<p>Left bank of Gila River, course NW.; bank, 4 ft. high.</p> <p>Set an iron post for 1/16 M.C. of frac. sec. 24, stamped in cap</p> <p style="padding-left: 40px;">MC in E. 1/16 S 24 in W. 1911 in S.</p> <p>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.</p>
70.00	<p>Water's edge, course NW.</p> <p>Land, level. Soil, 2nd rate.</p> <p style="text-align: center;">-----</p>
	<p>From the 1/16 sec. cor. No. 7, bet. the NE. and SE. quarters of sec. 24, I run</p> <p>North on a true line through the middle of the NE¼ of sec. 24,</p> <p>Over level land, through cultivated field.</p>
4.60	<p>Left bank of Gila River, course NW.; bank, 5 ft. high.</p> <p>Set an iron post for 1/16 M.C. of frac. sec. 24, stamped in cap</p> <p style="padding-left: 40px;">M C in N. 1/16 S 24 1911 in S.</p> <p>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.</p>

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

Chains

20.00 Middle of channel of river, course NW.; about 8.00 chs. wide, 4 ft. deep.

Land, level. (Cultivated field).  
Soil, 2nd rate.

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From the center  $\frac{1}{4}$  sec. cor. of sec. 24, I run  
North on a true line through the middle of sec. 24.  
Over level land, through fields.

1.00 Ditch, 10 lks. wide, course NW.  
Leave cultivated field, enter arrowweed brush, brs. NW.  
and SE.

16.50 Left bank of Gila River, course NW.; bank, 4 ft. high.  
Set an iron post for  $\frac{1}{16}$  M.C. of frac. sec. 24, stamped  
on cap

M C in N.  
 $\frac{1}{16}$  S 24 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.

26.00 Water's edge, course NW.  
Land, level.  
Soil, 2nd rate.  
Brush, mesquite and arrowweed.

-----

From the  $\frac{1}{16}$  sec. cor. No. 6, bet. secs. 23 and 24 ( $N\frac{1}{2}$ ),  
I run

N. 89° 51' E. on a true line through the N. half of frac.  
sec. 24.

Over level land, through cultivated field.

4.00 Fence, brs. N. and S.

8.00 Leave cultivated field; enter brush, brs. N. and S.

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

No 3 in N.  
 $\frac{1}{16}$  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.

25.10 Left bank of Gila River, course NW.; bank, 5 ft. high.  
Set an iron post for  $\frac{1}{16}$  M.C. of frac. sec. 24, stamped  
on cap

M C in E.  
 $\frac{1}{16}$  S 24 on W.  
1911 in S.

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

Chains

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.

28.00 Middle of channel of Gila River, course NW.; river about 7.00 chs. wide and 4 feet deep.

Land, level.  
Soil, 2nd rate.

-----

From the 1/16 sec. cor. No. 3, in the center of the NW $\frac{1}{4}$  of sec. 24, I run

North on a true line through the NW $\frac{1}{4}$  of sec. 24.

Over level land, through brush.

2.45 Left bank of Gila River, course NW.; bank, 6 ft. high.

Set an iron post for 1/16 M.C. of frac. sec. 24, stamped in cap

M C in N.  
1/16 S 24 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.

April 1, 1911.

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April 18, 1911. At 7h 00m a.m., l.m.t., I set off 33° 10' on the lat. arc, 10° 35' N. on the decl. arc, and determine a meridian with the solar, at the point for cor. of secs. 13, 14, 23 and 24.

Thence I run

N.0°1'W.bet. secs. 13 and 14.

Over sand bar and river bottom.

10.00 Road, crossing river, brs. N. 15° E. and S. 15° W.

20.00 Point for 1/16 sec. cor. No. 12, bet. secs. 13 and 14, S $\frac{1}{2}$  in bed of Gila River.

40.00 Point for 1/4 sec. cor., in bed of Gila River.

60.00 Point for 1/16 sec. cor. No. 6, bet. secs. 13 and 14, N $\frac{1}{2}$  in bed of Gila River.

61.26 Right bank of Gila River, course W.; bank, 8 ft. high.

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

M C 1911. in S.  
T 3 S S 13 in NE.  
R 4 E S 14 in NW.  
1 notch on E. edge

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

## Chains

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.

(River is now dry).

Thence in brush.

65.00 Ditch, 20 lks. wide, course W.

65.40 Fence, brs. N. 70° W. and S. 70° E.  
Leave brush; enter field.

72.50 Brush fence, brs. E. and W.  
Leave field; enter dense mesquite and arrow weed brush,  
brs. E. and W.

80.00 Set an iron post for the cor. of secs. 11, 12, 13 and 14,  
stamped in cap

T 3 S S 12 in NE. quadrant  
R 4 E S 13 in SE. "  
S 14 in SW. "  
S 11 in NW. "

1911 in S.

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

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

Land, level; 18.94 chs. cultivated. River bed and sand  
bar, 61.26 chs.

Soil, 2nd rate.

Brush, mesquite and arrow weed.

-----  
N. 89° 51' E. on a random line bet. secs. 12 and 13,  
setting temp. cors. at intervals of 20.00 chs.

80.08 Falls 16 lks. N. of the cor. of secs. 7, 12, 13 and 18,  
on E. bdy. of Tp., previously described.

Thence I run

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

Over level land, through brush.

20.02 Set an iron post for 1/16 sec. cor. No. 1, bet. secs. 12  
and 13 (E½), 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 3½ ft. base, 1½ ft. high,  
N. of cor.

40.04 Set an iron post for the ¼ sec. cor. bet. secs. 12 and 13,  
stamped in cap

¼ 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 3½ ft. base, 1½ ft. high,  
N. of cor.

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

Chains

42.70 Road, brs. NW. and SE.

54.70 Road, brs. NE. and SW.

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

No 2 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 $\frac{1}{2}$  ft. base, 1 $\frac{1}{2}$  ft. high, N. of cor.

70.55 Road, brs. NW. and SE.

80.08 The cor. of secs. 11, 12, 13 and 14.

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

-----  
From the 1/16 sec. cor. No. 12, bet. secs. 13 and 18, S $\frac{1}{4}$ , I run

S. 89° 51' W. on a true line through the S. half of sec. 13.

Over level land, through mesquite and sage brush.

16.80 Right bank of Gila River, course NW.; bank, 4 ft. high.

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. S 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,

-----  
From the  $\frac{1}{4}$  sec. cor. bet. secs. 13 and 18, I run

S. 89° 51' W. on a true line through the middle of sec. 13.

Over level land, through brush.

6.00 Fence, brs. NE. and SW. Leave brush; enter field.

16.00 Fence, brs. NE. and SW. Leave field; enter brush.

20.00 Set an iron post for 1/16 sec. cor. No. 7, bet. the NE. and SE. quarters of sec. 13, stamped in cap

No 7 in N.  
1/16 S 13 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. 4 E.

Chains

26.55 Fence, brs. NE. and SW. Leave brush; enter cultivated field

33.10 Fence, brs. NE. and SW.

36.00 Leave cultivated field; enter brush, brs. NE. and SW.

40.00 Set an iron post for center  $\frac{1}{4}$  sec. cor. of sec. 13, stamped in cap

C  $\frac{1}{4}$  S 13 in center  
1911 in S.

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

44.00 Ditch, 15 lks. wide, course N.

53.70 Right bank of Gila River, course NW.; bank, 4 ft. high.

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.

-----

From the center  $\frac{1}{4}$  sec. cor. of sec. 13, I run South on a true line through the middle of sec. 13. Over level land, through brush.

4.00 Ditch, 15 lks. wide, course NW.

13.70 Right bank of Gila River, course NW.; bank, 4 ft. high.

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.

-----

From the 1/16 sec. cor. No. 7, bet. the NE. and SE. quarters of sec. 13, I run

South on a true line through the SE  $\frac{1}{4}$  of sec. 13.

Over level land, through brush.

10.90 Ditch, 10 lks. wide, course W.



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

## Chains

- 17.10 Right bank of Gila River, course NW.; bank, 4 ft. high.  
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.
- 
- From the temp. point for 1/16 sec. cor. No. 6, bet. secs. 13 and 14 ( $N\frac{1}{2}$ ), in bed of Gila River, I run
- N.  $89^{\circ} 51'$  E. on a random line through the middle of the N. half of sec. 13, setting temp. cors. at intervals of 20.00 chs.
- 80.04 Falls 4 lks. N. of the 1/16 sec. cor. No. 6, bet. secs. 13 and 18 ( $N\frac{1}{2}$ ), previously described.
- Thence I run
- S.  $89^{\circ} 53'$  W. on a true line through the middle of the N. half of sec. 13.
- 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. 13, stamped in cap
- No 5 in N.  
1/16 S 13 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. 13, stamped in cap
- No 4 in N.  
1/16 S 13 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. 13, stamped in cap
- No 3 in N.  
1/16 S 13 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 Road, brs. NE. and SW.

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

Chains

73.73 Right bank of Gila River, course NW.; bank, 4 ft. high.  
 Set an iron post for 1/16 M.C. of frac. sec. 13, stamped  
 on 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.

Thence over river bed.

80.04 Temp. point for 1/16 sec. cor. No. 6, bet. secs. 13 and 14  
 N $\frac{1}{2}$ , which falls in Gila River bed.

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

-----

From the 1/16 sec. cor. No. 3, in the center of the NW $\frac{1}{4}$   
 of sec. 13, I run

South on a true line through the NW $\frac{1}{4}$  of sec. 13.

Over level land, through brush.

4.00 Road, brs. NE. and SW.

10.90 Ditch, 15 lks. wide, course NW.

14.70 Right bank of Gila River, course NW.; bank, 4 ft. high.  
 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.

April 18, 1911.

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April 21, 1911. At 7.00 a.m., l.m.t., I set off 33° 10'  
 on the lat. arc, 11° 38' N. on the decl. arc, and determine a meridian with the solar, at the cor. of secs. 11,  
 12, 13 and 14.

Thence I run

N. 0° 01' W. bet. secs. 11 and 12.

Over level land, (river bottom), through dense mesquite and arrow weed brush.

8.00 Road, brs. NW. and SE.

12.00 Leave dense mesquite and arrow weed; enter sage brush.

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

Chains

13.50 Leave river bottom; ascend bank, 12 ft. high.

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

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

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

Dig pits 18x18x12 ins. N. and S. of post 3 ft. dist.; and raise a mound of earth 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. 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.

56.50 Brush corral, 150x150 lks.; brs. E., 50 lks. dist.

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

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 $\frac{1}{2}$  ft. base, 1 $\frac{1}{2}$  ft. high, W. of cor.

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

T 3 S S 1 in NE. quadrant  
R 4 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 $\frac{1}{2}$  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 arrowweed.

N. 89° 58' E. on a random line bet. secs. 1 and 12, setting temp. cors. at intervals of 20.00 chs.

80.08 Falls 10 lks. N. of the cor. of secs. 1, 6, 7 and 12, on E. bdy. of Tp., previously described.

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

Chains

Thence I run

N. 89° 58' W. on a true line bet. secs. 1 and 12.

Over level land, through brush.

20.02 Set an iron post for 1/16 sec. cor. No. 1, bet. secs. 1 and 12 (E $\frac{1}{2}$ ), 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 $\frac{1}{2}$  ft. base, 1 $\frac{1}{2}$  ft. high, N. of cor.

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

$\frac{1}{4}$  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 $\frac{1}{2}$  ft. base, 1 $\frac{1}{2}$  ft. high, N. of cor.

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

47.50 Road, brs. N. and S.

60.06 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.

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

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

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

N. 89° 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.

80.08 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.

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

Chains

20.02 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.

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

50.00 Road, brs. N. and S.

60.08 Set an iron post for 1/16 sec. cor. No. 9, in the center of the SW $\frac{1}{4}$  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 $\frac{1}{2}$  ft. base, 1 $\frac{1}{2}$  ft. high, N. of cor.

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

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

-----

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

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.

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

Thence I run

S. 89° 56' W. on a true line through the middle of sec.12.

Over level land, through brush.

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

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

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

40.06 Set an iron post for center 1/4 sec. cor. of sec. 12, in stamped on cap

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

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

48.00 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 3 1/2 ft. base, 1 1/2 ft. high, N. of cor.

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

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

-----

From the 1/16 sec. cor. No. 6, bet. secs. 11 and 12 (N 1/4), I run

N. 89° 58' E. on a random line through the middle of the N. half of sec. 12, setting temp. cors. at intervals of 20.00 chs.

80.12 Falls 2 lks. S. of the 1/16 sec. cor. No. 6, bet. secs. 7 and 12 (N 1/4), on E. bdy. of Tp.; previously described.

Thence I run

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

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

24.50 Road, brs. NE. and SW.

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

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

## Chains

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 3½ ft. base, 1½ ft. high,  
N. of cor.

48.00 Road, brs. N. and S.

60.09 Set an iron post for 1/16 sec. cor. No. 3, in the center  
of the NW¼ 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.

80.12 The ¼ sec. cor. <sup>No. 6</sup> bet. secs. 11 and 12, (N½).

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

-----

April 21, 1911. At the cor. of secs. 1, 2, 11 and 12, I  
set off 11° 41' N. on the decl. arc, and at 11h 58m 52s  
a.m., l.m.t., observe the sun on the meridian; the re-  
sulting lat. is 33° 11', which is within one minute of  
the proper lat.

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Thence I run

N. 0° 01' W. on a random line bet. secs. 1 and 2, setting  
temp. cors. at intervals of 20.00 chs.

79.92 Falls 16 lks. W. of the cor. of secs. 1, 2, 35 and 36, on  
N. bdy. of Tp., previously described.

Thence I run

S. 0° 06' W. on a true line bet. secs. 1 and 2.

Over level land, through brush.

19.92 Set an iron post for 1/16 sec. cor. No. 6, bet. secs. 1  
and 2 (N½), 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 3½ ft. base, 1½ ft. high,  
W. of cor.

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

¼ S 2 in W. half  
S 1 in E. half  
1911 in S.

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

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

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

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

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

S. 89° 58' N. on a random line through the middle of the S. half of sec. 1, setting temp. cors. at intervals of 20.00 chs.

80.08 Intersect the 1/16 sec. cor. No. 12, bet. secs. 1 and 6, (S 1/2), on E. bdy. of Tp., previously described.

Thence I run

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

Over level land, through brush.

20.02 Set an iron post for 1/16 sec. cor. No. 11, in the center of the SW 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 1/2 ft. base, 1 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. 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 1/2 ft. base, 1 1/2 ft. high, N. of cor.

46.00 Road, brs. N. and S.

60.06 Set an iron post for 1/16 sec. cor. No. 9, in the center



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

## Chains

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.

80.08 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.

-----

From the  $\frac{1}{4}$  sec. cor. bet. secs. 1 and 2, I run  
S. 89° 58' E. on a random line through the middle of sec. 1.

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.

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

Thence I run

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

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. 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.

40.04 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. N., 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 Road, brs. N. and S.

60.06 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.

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

Chains

80.08 The 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 1/4),  
I run

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

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 ~~xxxxxxx~~ the 1/16 sec. cor. No. 6, bet. secs. 1  
and 6 (N 1/4), on E. bdy. of Tp., previously described.

Thence I run

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

Over level land, through brush.

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

36.00 Road, brs. N. and S.

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

60.00 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.

78.80 Road, brs. N. and S.

80.00 The 1/16 sec. cor. No. 6, bet. secs. 1 and 2 (N 1/4)

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

Chains

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

April 21, 1911.

-----  
March 28, 1911. At the cor. of secs. 2, 3, 34 and 35, <sup>on S. bdy. of Tp.,</sup>  
I set off 2° 47' N. on the decl. arc, and at 12h 05m  
26s observe the sun on the meridian; the resulting lat.  
is 33° 07', which is within one minute of the proper  
lat.

Thence I run

N. 0° 01' W. bet. secs. 34 and 35.

Over level land, through sage and mesquite brush.

11.75 Road, brs. E. and W.

20.00 Set an iron post for 1/16 sec. cor. No. 12, bet. secs. 34  
and 35 (S $\frac{1}{16}$ ), 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.

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

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).

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

43.45 Fence, brs. N. 70° W. and S. 70° E.

Leave brush; enter cultivated field.

47.50 Brush fence, brs. N. 70° E. and S. 70° W.

47.80 Ditch, 10 lks. wide, course S. 70° E.

53.50 Ditch, 10 lks. wide, course S. 70° E.

57.00 Leave cultivated field; enter brush, brs. N. 70° E. and  
S. 70° W.

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

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

Chains

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 1/2 ft. base, 1 1/2 ft. high,  
W. of cor.

60.20 Brush fence, brs. N. 70° W. and S. 70° E.

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 4 E S 35 in SE. "  
S 34 in SW. "  
S 27 in NW. "

1911 in S.

1 notch 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.

-----  
N. 89° 51' E. on a random line bet. secs. 26 and 35,  
setting temp. cors. at intervals of 20.00 chs.

80.08 Falls 4 lks. S. of the cor. of secs. 25, 26, 35 and 36.

Thence I run

S. 89° 49' W. on a true line bet. secs. 26 and 35.

Over level land, through cultivated field.

0.84 Wire fence, brs. N. 30° E. and S. 30° W.

6.58 Irrigation ditch, 8 lks. wide, course SW.

7.20 Fence, brs. N. 30° E. and S. 30° W.

16.78 Fence, brs. N. 30° E. and S. 30° W.

20.02 Set an iron post for 1/16 sec. cor. No. 1, bet. ~~the~~ secs.  
26 and 35, (E 1/2), stamped in cap

No 1 1/16 S 26 in N. half  
S 35 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.

27.68 Fence, brs. N. 30° E. and S. 30° W.

31.90 Ditch, 8 lks. wide, course S. 30° W.

36.40 Ditch, 8 lks. wide, course S. 30° W.

40.04 Set an iron post for 1/4 sec. cor. bet. secs. 26 and 35,  
stamped in cap

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

Chains	
	<p>¼ S 26 in N. half  S 35 1911 in S. half</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>
42.60	Fence, brs. N. 30° E. and S. 30° W.
60.06	Set an iron post for 1/16 sec. cor. No. 2, bet. secs. 26 and 35 (W½), stamped in cap
	<p>No 2 1/16 S 26 in N. half  S 35 1911 in S. half</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>
63.30	Fence, brs. N. 30° E. and S. 30° W.
74.40	Fence, brs. N. 30° E. and S. 30° W.
	Leave field; enter sage and mesquite brush.
77.60	Road, brs. N. and S.
80.08	The cor. of secs. 26, 27, 34 and 35.
	<p>Land, level.  Soil, 2nd rate.  Brush, sage and mesquite.</p> <p>-----</p>
	<p>From the 1/16 sec. cor. No. 12, bet. secs. 34 and 35 (E½)  I run</p> <p>N. 89° 51' E. on a random line through the middle of the  S. half of sec. 35, setting temp. cors. at intervals of  20.00 chs.</p>
80.00	Falls 2 lks. N. of the 1/16 sec. cor. No. 12, bet. secs. 35 and 36 (S½).
	Thence I run
	S. 89° 52' W. on a true line through the middle of the S. half of sec. 35.
	Over level land, through small brush.
7.00	Indian hut, brs. N., 2.00 chs. dist.; and another hut S., 50 lks. dist.
20.00	Set an iron post for 1/16 sec. cor. No. 11, in the center of the SE¼ of sec. 35, stamped in cap
	<p>No 11 in N.  1/16 S 35 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>
27.70	Small corral, 2 chs. square, brs. N., about 50 lks. dist.

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

Chains

- 28.00 Indian hut, brs. N., 3.00 chs. dist.
- 39.40 Road, brs. N. 30° W. and S. 30° E.
- 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 3½ ft. base, 1½ ft. high, N. of cor.
- 60.00 Set an iron post for 1/16 sec. cor. No. 9, in the center of the SW¼ 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 3½ ft. base, 1½ ft. high, N. of cor.
- 80.00 The 1/16 sec. cor. No. 12, bet. secs. 34 and 35 (S½).
- Land, level.  
Soil, 2nd rate.  
Brush, mesquite and sage.
- 
- From the ¼ sec. cor. bet. secs. 34 and 35, I run N. 89° 51' E. on a random line through the middle of sec. 35, setting temp. cors. at intervals of 20.00 chs.
- 80.00 Falls 2 lks. S. of the ¼ sec. cor. bet. secs. 35 and 36.
- Thence I run S. 89° 50' W. on a true line through the middle of sec. 35. Over level land, through cultivated fields.
- 6.90 Fence, brs. N. 30° E. and S. 30° W.
- 7.00 Bitch, 10 lks. wide, course S. 30° W.
- 19.70 Fence, brs. N. 30° E. and S. 30° W.
- 20.00 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.
- 32.00 Fence, brs. N. 30° E. and S. 30° W.
- 32.40 Road, brs. N. 30° E. and S. 30° W.
- 32.65 Fence, brs. N. 30° E. and S. 30° W.

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

Chains

- 40.00 Set an iron post for the center  $\frac{1}{4}$  sec. cor. of sec. 35, stamped in cap  
  
C  $\frac{1}{4}$  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.
  - 40.60 Ditch, 10 lks. wide, course S. 30° W.
  - 40.65 Fence, brs. N. 30° E. and S. 30° W.
  - 49.00 Fence, brs. NW. and SE.
  - 50.80 Fence, brs. NW. and SE.
  - 59.70 Fence, brs. NW. and SE.  
  
Leave cultivated field; enter brush.
  - 60.00 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 3 $\frac{1}{2}$  ft. base, 1 $\frac{1}{2}$  ft. high, N. of cor.
  - 71.25 Road, brs. NE. and SW.
  - 80.00 The  $\frac{1}{4}$  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, N $\frac{1}{2}$ , I run  
  
N. 89° 51' E. 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.
  - 80.04 Falls 4 lks. N. of the 1/16 sec. cor. No. 6, bet. secs. 35 and 36 (N $\frac{1}{2}$ ).  
  
Thence I run  
  
S. 89° 53' W. on a true line through the middle of the N. half of sec. 35.  
  
Over level land, through cultivated field.
  - 7.02 Ditch, 8 lks. wide, course SE.
  - 11.60 Fence, brs. N. 30° E. and S. 30° W.
  - 16.00 Fence, brs. N. 30° E. and S. 30° W.

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

Chains

- 16.20 Ditch, course S. 30° W.
- 20.01 Set an iron post for 1/16 sec. cor. No. 5, in the 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.
- 22.60 Fence, brs. N. 30° E. and S. 30° W.
- 24.05 Ditch, course S. 30° W.
- 34.50 Ditch, course S. 30° W.
- 39.50 Ditch, course S. 30° W.
- 40.02 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.
- 42.79 Ditch, course S. 30° W.
- 60.03 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.
- 64.50 Fence, brs. NW. and SE.
- 64.70 Road, brs. NW. and SE.
- 65.00 Fence, brs. NW. and SE.
- 76.00 Brush fence; leave field, enter brush, brs. N. 70° W. and S. 70° E.
- 80.04 The 1/16 sec. cor. No. 6, bet. secs. 34 and 35 (N $\frac{1}{2}$ ).  
  
 Land, level. (Cultivated field, 76.00 chs.)  
 Soil, 2nd rate.

March 28, 1911

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April 3, 1911. At 7 a.m., l.m.t., I set off 33° 08' on the lat. arc, 5° 04' N. on the decl. arc, and determine a meridian with the solar, at the cor. of secs. 26, 27, 34 and 35.

Thence I run  
 N. 0° 01' W. bet. secs. 26 and 27.



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

Chains

Over level land, through brush.

4.00 Ditch, 10 lks. wide, course W.

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.

20.20 Middle of road, 30 lks. wide, brs. NW. and SE.

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.

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

61.00 Ditch, 10 lks. wide, course W.

65.80 Brush fence, brs. N. 70° W. and S. 70° E.

Leave brush; enter field.

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 4 E S 26 in SE. "  
S 27 in SW. "  
S 22 in NW. "  
1911 in S.  
2 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.

-----

N. 89° 49' E. on a random line bet. secs. 23 and 26, setting temp. cors. at intervals of 20.00 chs.

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

Chains

80.00 Falls 2 lks. N. of the cor. of secs. 23, 24, 25 and 26.

Thence I run

S. 89° 50' W. on a true line bet. secs. 23 and 26.

Over level land, through cultivated fields.

20.00 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

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.

31.90 Fence, brs. N. 30° E. and S. 30° W.

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

32.75 Fence, brs. N. 30° E. and S. 30° W.

39.40 Fence, brs. N. 30° E. and S. 30° W.

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

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

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.

43.00 Fence, brs. NW. and SE.

44.00 Road, brs. NW. and SE.

44.20 Fence, brs. NW. and SE.

48.00 Fence, brs. N. 30° E. and S. 30° W.

55.50 Fence, brs. N. 30° E. and S. 30° W.

60.00 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

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. 22, 23, 26 and 27.

Land, level. (Cultivated field).  
Soil, 2nd rate.

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

N. 89° 49' E. on a random line through the middle of the  
S. half of sec. 26, setting temp. cors. at intervals of  
20.00 chs.

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

Chains

30.04 Falls 2 lks. N. of the 1/16 sec. cor. bet. secs. 25 and 26 (S $\frac{1}{2}$ ).

Thence I run

S. 89° 50' W. on a true line through the middle of the S. half of sec. 26.

Over level land, through cultivated field.

11.45 Ditch, 10 lks. wide, course SN.

20.01 Set an iron post for 1/16 sec. cor. No. 11, in the center of the SE $\frac{1}{4}$  of sec. 26, stamped on 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 $\frac{1}{2}$  ft. base, 1 $\frac{1}{2}$  ft. high, N. of cor.

22.50 Fence, brs. N. 30° E. and S. 30° W.

30.50 Fence, brs. N. 30° E. and S. 30° W.

36.00 Leave cultivated field; enter small brush, brs. N. and S.

36.20 Brush fence, brs. N. and S.

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

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

No 9 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.

79.00 Road, brs. N. and S.

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

Land, level.  
Soil, 2nd rate.  
Brush, 44.04 chs.

-----  
From the  $\frac{1}{2}$  sec. cor. bet. secs. 26 and 27, I run

N. 89° 49' E. on a random line through the middle of sec. 26.

20.00 Set temp. 1/16 sec. cor.

40.00 Set temp. center  $\frac{1}{2}$  sec. cor.

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

Chains

- 60.00 Set temp. 1/16 sec. cor.
- 80.00 Falls 2 lks. N. of the 1/4 sec. cor. bet. secs. 25 and 26.  
Thence I run  
S. 89° 50' W. on a true line through the middle of sec. 26.  
Over level land, through fields.
- 4.00 Fence, brs. NE. and SW.
- 8.00 Indian hut, brs. S., 50 lks. dist.
- 17.30 Ditch, 10 lks. wide, course SW.
- 20.00 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.
- 34.90 Brush fence, brs. N. 30° E. and S. 30° W.
- 35.00 Ditch, 10 lks. wide, course S. 30° W.
- 39.25 Ditch, 10 lks. wide, course S. 30° W.
- 40.00 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., W. and S., 3 ft., and N. of  
post 7 ft. dist.; and raise a mound of earth 4 ft. base,  
2 ft. high, N. of cor.
- 42.00 Brush fence, brs. N. 30° E. and S. 30° W.
- 48.40 Fence, brs. N. 30° E. and S. 30° W.
- 60.00 Set an iron post for 1/16 sec. cor. No. 8, bet. the NW.  
and SW. quarters of sec. 26, stamped on 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.
- 62.50 Wire fence, brs. N. 30° E. and S. 30° W.
- 70.50 Leave field; enter brush, brs. N. 30° E. and S. 30° W.
- 80.00 The 1/4 sec. cor. bet. secs. 26 and 27.  
  
Land, level.  
Soil, 2nd rate.  
Brush, mesquite, 9.50 chs.

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

Chains

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

N. 89° 49' E. on a random line through the middle of the  
N. half of sec. 26, setting temp. cors. at intervals of  
20.00 chs.

80.00 Falls 7 lks. N. of the 1/16 sec. cor. No. 6, bet. secs. 25  
and 26 (N $\frac{1}{2}$ ).

Thence I run

S. 89° 52' W. on a true line through the middle of the  
N. half of sec. 26.

Over level, cultivated fields.

12.00 Fence, brs. N. 30° E. and S. 30° W.

20.00 Set an iron post for 1/16 sec. cor. No. 5, in the center  
of the NE $\frac{1}{4}$  of sec. 26, stamped in cap

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.

23.00 Road, brs. NW. and SE.

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

34.70 Ditch, 10 lks. wide, course NW.

40.00 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.

60.00 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.

70.00 Leave fields; enter brush, brs. N. and S.

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

Land, level.  
Soil, 2nd rate.  
No brush.

-----  
April 3, 1911. At the cor. of secs. 22, 23, 26 and 27,

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

Chains

I set off 5° 07' N. on the decl. arc, and at 12h 03m p.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.

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Thence I run

N. 0° 01' W. bet. secs. 22 and 23.

Over level land, through fields.

3.31 Fence, brs. N. 15° E. and S. 15° W.

6.00 Leave cultivated field; enter brush, brs. E. and W.

16.70 Road, brs. E. and W.

17.10 Ditch, 10 lks. wide, course SE.

20.00 Set an iron post for 1/16 sec. cor. No. 12, bet. secs. 22 and 23 (S $\frac{1}{16}$ ), 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.

28.00 Leave brush; enter field, brs. E. and W.

35.80 Ditch, 10 lks. wide, course SE.

40.00 Set an iron post for  $\frac{1}{4}$  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.

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.

40.50 Leave cultivated field; enter brush, brs. E. and W.

41.20 Leave brush; enter cultivated field.

49.20 Ditch, 10 lks. wide, course W.

60.00 Set an iron post for 1/16 sec. cor. No. 6, bet. secs. 22 and 23, (N $\frac{1}{16}$ ), 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 $\frac{1}{2}$  ft. base, 1 $\frac{1}{2}$  ft. high, W. of cor.

63.80 Brush fence, brs. E. and W.  
Leave cultivated field; enter mesquite brush.

73.40 Ditch, 10 lks. wide, course W.

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

Chains

78.02 Left bank of Gila River, course SW.; bank, 4 ft. high.

Set an iron post for M.C. of frac. secs. 22 and 23, stamped in cap

MC in N.  
T 3 S S 22 in SW.  
R 4 E S 23 in SE.  
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.

Thence over river bed and sand bar.

80.00 The point for the cor. of secs. 14, 15, 22 and 23, falls in river bed.

Set temp. post for cor.

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

-----

N. 89° 50' E. on a random line bet. secs. 14 and 23, setting temp. cors. at intervals of 20.00 chs.

80.00 Intersect the point for the cor. of secs. 13, 14, 23 and 24, which falls in bed of Gila River.

Thence I run

S. 89° 50' W. on a true line bet. secs. 14 and 23.

Over sand bar in river bed.

7.80 Left bank of Gila River, course NW.; bank, 4 ft. high.

Set an iron post for M.C. of frac. secs. 14 and 23, stamped in cap

M C in E.  
T 3 S S 23 in SW.  
R 4 E S 14 in NW.  
1911 in S.  
3 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.

Thence over level land, through brush.

20.00 Set an iron post for 1/16 sec. cor. No. 1, bet. secs. 14 and 23 (E $\frac{1}{2}$ ), stamped on cap

No 1 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 $\frac{1}{2}$  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. 14 and 23, stamped in cap

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

Chains

‡ 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 3½ ft. base, 1½ ft. high,  
N. of cor.

60.00 Set an iron post for 1/16 sec. cor. No. 2, bet. secs. 14  
and 23 (W½), 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 3½ ft. base, 1½ ft. high,  
N. of cor.

61.50 Ditch, 10 lks. wide, course SW.

76.35 Left bank of Gila River, course SW.; bank, 4 ft. high.

Set an iron post for M.C. of frac. secs. 14 and 23,  
stamped in cap

M C in W.  
T 3 S S 14 in NE.  
R 4 E S 23 in SE.  
1911 in S.  
3 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.

80.00 The point for the cor. of secs. 14, 15, 22 and 23, in bed  
of Gila River.  
Land, level.  
Soil, 2nd rate.  
Brush, mesquite and sage.

-----  
From the 1/16 sec. cor. No. 12, bet. secs. 22 and 23 (S½)  
I run

N. 89° 50' E. on a random line through the middle of the  
S. half of sec. 23, setting temp. cors. at intervals  
of 20.00 chs.

80.00 Intersect ~~xxxxxxx~~ the 1/16 sec. cor. No. 12, bet. secs.  
23 and 24 (S½).

Thence I run

S. 89° 50' W. on a true line through the middle of the  
S. half of sec. 23.

Over level, cultivated fields.

8.00 Fence, brs. N. 30° E. and S. 30° W.

13.00 Fence, brs. N. 30° E. and S. 30° W.

20.00 Set an iron post for 1/16 sec. cor. No. 11, in the center  
of the SE¼ of sec. 23, stamped in cap

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



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

28.00 Fence, brs. N. 30° E. and S. 30° W.

31.00 Fence, brs. N. 30° E. and S. 30° W.

35.00 Fence, brs. N. 30° E. and S. 30° W.

40.00 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.

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.

48.00 Indian hut, brs. S., 150 lks. dist.; another hut, brs. N., 100 lks. dist.

52.00 Indian hut, brs. N., 20. lks. dist.

60.00 Set an iron post for 1/16 sec. cor. No. 9, in the center of the SW 1/4 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 3 1/2 ft. base, 1 1/2 ft. high, N. of cor.

62.85 Indian hut, on line.

66.20 Indian hut, brs. S., 150 lks. dist.

72.00 Indian hut, brs. S., 200 lks. dist.

73.00 Leave field; enter brush, brs. N. and S.

80.00 The 1/16 sec. cor. No. 12, bet. secs. 22 and 23 (S 1/2).

Land, level.  
Soil, 2nd rate.  
Brush, 7.00 chs.

-----  
From the 1/4 sec. cor. bet. secs. 22 and 23, I run N. 89° 50' E. on a random line through the middle of sec. 23, setting temp. cors. at intervals of 20.00 chs.

80.04 Falls 2 lks. S. of the 1/4 sec. cor. bet. secs. 23 and 24.

Thence I run S. 89° 49' W. on a true line through the middle of sec. 23. Over level land, through cultivated field.

4.00 Fence, brs. N. 30° E. and S. 30° W.

10.00 Drain, course SW.

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

Chains

20.01 Set an iron post for the 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 3 1/2 ft. base, 1 1/2 ft. high, N. of cor.

20.20 Ditch, 10 lks. wide, course SE.

40.02 Set an iron post for center 1/4 sec. cor. of sec. 23, stamped in cap

C 1/4 S 23 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.

43.50 Fence, brs. N. 30° E. and S. 30° W.

48.00 Fence, brs. N. 30° E. and S. 30° W.

52.00 Fence, brs. N. 30° E. and S. 30° W.

60.03 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.

63.00 Fence, brs. N. 30° E. and S. 30° W.

68.00 Fence, brs. N. 30° E. and S. 30° W.

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

Land, level.  
Soil, 2nd rate.  
No brush.

-----

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

N. 89° 51' E. on a random line through the middle of the N. half of sec. 23, setting temp. cors. at intervals of 20.00 chs.

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

Thence I run

S. 89° 51' W. on a true line through the middle of the N. half of sec. 23.

Over level, cultivated land.

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

Chains

- 3.80 Adobe house, on line.
- 15.00 Fence, brs. N. 30° E. and S. 30° W.
- 20.00 Set an iron post for 1/16 sec. cor. No. 5, in the center of the NE $\frac{1}{4}$  of sec. 23, stamped on 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 $\frac{1}{2}$  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. 23, stamped in cap  
 No 4 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.
- 52.00 Brush fence, brs. N. and S.
- 60.00 Set an iron post for 1/16 sec. cor. No. 3, in the center of the NW $\frac{1}{4}$  of sec. 23, stamped on 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.
- 63.00 Fence, brs. N. 30° E. and S. 30° W.
- 72.00 Fence, brs. N. 30° E. and S. 30° W.
- 80.00 The 1/16 sec. cor. No. 6, bet. secs. 22 and 23 (N $\frac{1}{2}$ ).

Land, level.  
Soil, 2nd rate.  
No brush.

April 3, 1911.

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April 18, 1911. At the point for the cor. of secs. 14, 15, 22 and 23, I set off 10° 39' N. on the decl. arc, and at 11h 59' 32" 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  
N. 0° 01' W. bet. secs. 14 and 15.  
Over river bed, (dry).

- 20.00 Point for 1/16 sec. cor. No. 12, bet. secs. 14 and 15 (S $\frac{1}{2}$ ) falls in bed of Gila River.

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

Chains

40.00 Point for  $\frac{1}{4}$  sec. cor. bet. secs. 14 and 15 falls in bed of Gila River.

52.04 Right bank of Gila River, course W.; bank, 4 ft. high,

Set an iron post for M.C. of frac. secs. 14 and 15, stamped in cap

M C 1911 in S.  
T 3 S S 14 in NE. quadrant  
R 4 E S 15 in NW. quadrant  
2 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.

Thence over level land, through brush.

60.00 Set an iron post for  $\frac{1}{16}$  sec. cor. No. 6, bet. secs. 14 and 15 ( $N\frac{1}{2}$ ), stamped on cap

$\frac{1}{16}$  S 15 in W. half  
S 14 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 Leave brush; enter cultivated field, brs. E. and W.

69.00 Brush fence, brs. E. and W.

72.40 Ditch, 10 lks. wide, course W.

80.00 Set an iron post for the cor. of secs. 10, 11, 14 and 15, stamped in cap

T 3 S S 11 in NE. quadrant  
R 4 E S 14 in SE. quadrant  
S 15 in SW. quadrant  
S 10 in NW. quadrant  
1911 in S.

4 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.

N.  $89^{\circ} 50'$  E. on a random line bet. secs. 11 and 14, setting temp. corrs. at intervals of 20.00 chs.

80.04 Falls 3 lks. S. of the cor. of secs. 11, 12, 13 and 14.

Thence I run

S.  $89^{\circ} 49'$  W. on a true line bet. secs. 11 and 14.

Over level land, through brush.

17.00 Fence, brs. NE. and SW.  
Leave brush, enter cultivated field.

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

## Chains

20.01 Set an iron post for  $1/16$  sec. cor. No. 1, bet. secs. 11 and 14 ( $E\frac{1}{2}$ ), stamped in cap

No 1  $1/16$  S 11 in N. half  
S 14 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.

26.40 Ditch, 8 lks. wide, course NW.

28.50 Fence, brs. NE. and SW.

35.00 Adobe hut, brs. S.  $20^\circ$  W., 175 lks. dist.

40.02 Set an iron post for  $\frac{1}{4}$  sec. cor. bet. secs. 11 and 14, stamped on cap

$\frac{1}{4}$  S 11 in N. half  
S 14 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.

60.03 Set an iron post for  $1/16$  sec. cor. No. 2, bet. secs. 11 and 14 ( $W\frac{1}{2}$ ), stamped in cap

No 2  $1/16$  S 11 in N. half  
S 14 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.

62.30 Fence, brs. N.  $30^\circ$  E. and S.  $30^\circ$  W.

75.50 Ditch, 10 lks. wide, course NW.

80.04 The cor. of secs. 10, 11, 14 and 15.

Land, level.

Soil, 2nd rate.

Brush, mesquite and arrow weed.

-----  
From the  $1/16$  sec. cor. No. 1, bet. secs. 14 and 23, ( $E\frac{1}{2}$ ) I run

N.  $0^\circ 01'$  W. through the E. half of sec. 14.

Over level land, through brush.

15.60 Left bank of Gila River, course NW.; bank, 8 ft. high.

Set an iron post for  $\frac{1}{16}$  M.C. of frac, sec. 14, stamped on cap

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

Dig a pit  $36 \times 36 \times 12$  ins. 8 ft. S. of post; and raise a mound of earth 4 ft. base, 2 ft. high, S. of cor.

25.00 Middle of channel of Gila River, about 8.00 chs. wide, 3 ft. deep, course NW.

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

Chains

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

-----  
From the  $\frac{1}{4}$  sec. cor. bet. secs. 14 and 23, I run  
N. 0° 01' W. through the middle of sec. 14.  
Over level land, through brush.

17.70 Left bank of Gila River, course W.; bank, 8 ft. high.

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

26.00 Middle of channel of Gila River, course W.; 7.00 chs. wide.

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

-----  
From the 1/16 sec. cor. No. 2, bet. secs. 14 and 23, ( $W\frac{1}{2}$ ), I run

N. 0° 1' W. through the W. half of sec. 14.

Over level land, through brush.

8.30 Ditch, 10 lks. wide, course S. 30° W.

13.20 Left bank of Gila River, course SW.; bank, 8 ft. high.

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

25.00 Middle of channel of Gila River, about 8.00 chs. wide, course SW.

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

-----  
From the 1/16 sec. cor. No. 6, bet. secs. 14 and 15 ( $N\frac{1}{2}$ ), I run

N. 89° 50' E. on a random line through the middle of the N. half of sec. 14, setting temp. cors. at intervals of 20.00 chs.

80.00 Intersect the point for the 1/16 sec. cor. No. 6, bet. secs. 13 and 14, in bed of Gila River.

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

Chains

- Thence I run  
S. 89° 50' W. on a true line through the middle of the  
N. half of sec. 14.  
Over river bed.
- 12.00 Right bank of Gila River, course SW.; bank, 4 ft. high.  
Set an iron post for 1/16 M.C. of frac. sec. 14, stamped  
on cap  
M C in E.  
1/16 S 14 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.
- 16.85 Fence, brs. NE. and SW. Leave brush; enter cultivated  
field.
- 20.00 Set an iron post for 1/16 sec. cor. No. 5, in the center  
of the NE $\frac{1}{4}$  of sec. 14, stamped in cap  
No 5 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 $\frac{1}{2}$  ft. base, 1 $\frac{1}{2}$  ft. high,  
N. of cor.
- 32.00 Leave field; enter brush, brs. N. and S.
- 35.30 Fence, brs. N. 30° E. and S. 30° W.
- 40.00 Set an iron post for 1/16 sec. cor. No. 4, bet. the NE.  
and NW. quarters of sec. 14, stamped on cap  
No 4 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 $\frac{1}{2}$  ft. base, 1 $\frac{1}{2}$  ft. high,  
N. of cor.
- 48.00 Fence, brs. N. and S.
- 60.00 Set an iron post for 1/16 sec. cor. No. 3, in the center  
of the NW $\frac{1}{4}$  of sec. 14, stamped in cap  
No 3 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 $\frac{1}{2}$  ft. base, 1 $\frac{1}{2}$  ft. high,  
N. of cor.
- 80.00 The 1/16 sec. cor. No. 6, bet. secs. 14 and 15 (N $\frac{1}{2}$ ).  
Land, level.  
Soil, 2nd rate.  
Brush, mesquite.
-

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

Chains

From the 1/16 sec. cor. No. 3, in the center of the NW $\frac{1}{4}$  of sec. 14, I run

S. 0° 01' E. through the W. half of sec. 14.

Over level land, through brush.

6.50 Right bank of Gila River, course W.; bank, 4 ft. high.

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

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

-----

From the 1/16 sec. cor. No. 4, bet. the NE. and NW. quarters of sec. 14, I run

S. 0° 01' E. through the middle of sec. 14.

Over level land, through brush.

6.70 Right bank of Gila River, course W.; bank, 4 ft. high.

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

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

-----

From the 1/16 sec. cor. No. 5, in the center of the NE $\frac{1}{4}$  of sec. 14, I run

S. 0° 01' E. through the E. half of sec. 14.

Over level land, through brush.

0.95 Right bank of Gila River, course W.; bank, 4 ft. high.

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

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

April 18, 1911.



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

Chains

April 22, 1911. At 7.00 a.m., l.m.t., I set off 33° 10' on the lat. arc, 11° 58' N. on the decl. arc, and determine a meridian with the solar, at the cor. of secs. 10, 11, 14 and 15.

Thence I run

N. 0° 01' W. bet. secs. 10 and 11.

Over level land, through cultivated field.

2.45 Wire fence, brs. E. and W.

2.50 Ditch, 10 lks. wide, course NW.

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

1/16 S 10 in W. half  
S 11 in E. half  
No 12 in N.  
1911 in S.

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

23.00 Wire fence, brs. E. and W.

24.70 Wire fence, brs. NE. and SW.

29.00 Brush fence, brs. E. and W.

34.00 Leave cultivated field; enter brush.

35.00 Ditch, course W.

36.30 Road, brs. NE. and SW.

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

48.00 Road, brs. E. and W.

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.

60.05 Road, brs. NW. and SE.

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

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

Chains

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

1911 in S.  
5 notches on S. and 2 notches on E. edge

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

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

Land, level; cultivated, 34.00 chs.  
Soil, 2nd rate.  
Brush, mesquite and sage, 46.00 chs.

N. 89° 49' E. on a random line bet. secs. 2 and 11, setting temp. cors. at intervals of 20.00 chs.

80.04 Falls 7 lks. N. of the cor. of secs. 1, 2, 11 and 12.

Thence I run

S. 89° 52' W. on a true line bet. secs. 2 and 11.

20.01 Set an iron post for 1/16 sec. cor. No. 1, bet. secs. 2 and 11 (E 1/4), stamped on 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 1/2 ft. base, 1 1/2 ft. high, N. of cor.

32.48 Road, brs. N. and S.

40.02 Set an iron post for the 1/4 sec. cor. bet. secs. 2 and 11, stamped in cap

1/4 S 2 in N. half  
S 11 1911 in S. half

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

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

52.50 Road, brs. N. and S.

56.50 Road, brs. N. and S.

60.03 Set an iron post for 1/16 sec. cor. No. 2, bet. secs. 2 and 11 (W 1/4), 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 1/2 ft. base, 1 1/2 ft. high, N. of cor.

80.04 The cor. of secs. 2, 3, 10 and 11.

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

Chains

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

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

N. 89° 49' E. on a random line through the middle of the  
S. half of sec. 11, setting temp. cors. at intervals of  
20.00 chs.

80.04 Falls 4 lks. S. of the 1/16 sec. cor. No. 12, bet. secs.  
11 and 12 (S $\frac{1}{2}$ ).

Thence I run

S. 89° 47' W. on a true line through the middle of the  
S. half of sec. 11.

Over level land, through sage and mesquite brush.

6.00 Road, brs. N. and S.

7.00 Road, brs. NW. and SE.

13.30 Road, brs. N. and S.

16.00 Enter dense mesquite brush, brs. N. and S.

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

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

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

24.30 Road, brs. N. and S.

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

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

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

42.20 Ditch, 10 lks. wide, course NW.

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

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

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

60.50 Leave brush; enter field, brs. N. and S.

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

Chains

- 68.00 Fence, brs. N. and S.
- 75.25 Indian hut, brs. S., 1.00 ch. dist.
- 76.30 Fence, brs. N. and S.
- 80.04 The 1/16 sec. cor. No. 12, bet. secs. 11 and 12 (S $\frac{1}{2}$ ).  
Land, level.  
Soil, 2nd rate.  
Brush, mesquite and sage.

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- From the  $\frac{1}{4}$  sec. cor. bet. secs. 10 and 11, I run  
N. 89° 49' E. on a random line through the middle of sec.  
11, setting temp. cors. at intervals of 20.00 chs.
- 80.00 Falls 2 lks. N. of the  $\frac{1}{4}$  sec. cor. bet. secs. 11 and 12.  
Thence I run  
S. 89° 50' W. on a true line through the middle of sec. 11.  
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. 11, stamped on 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 $\frac{1}{2}$  ft. base, 1 $\frac{1}{2}$  ft. high,  
N. of cor.

- 30.00 Road, brs. N. and S.
- 32.00 Indian hut, brs. S., 125 lks. dist.
- 40.00 Set an iron post for center  $\frac{1}{4}$  sec. cor. of sec. 11,  
stamped in cap  
  
C  $\frac{1}{4}$  S 11 in center  
1911 in S.  
  
Dig pits 18x18x12 ins. E., W. and S., 3 ft., and N. of  
post 7 ft. dist.; and raise a mound of earth 4 ft. base,  
2 ft. high, N. of cor.

- 48.00 Road, brs. NW. and SE.
- 60.00 Set an iron post for 1/16 sec. cor. No. 8, bet. the NW.  
and SW. quarters of sec. 11, stamped in cap  
  
No 8 in N.  
1/16 S 11 in center  
1911 in S.  
  
Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.;  
and raise a mound of earth 3 $\frac{1}{2}$  ft. base, 1 $\frac{1}{2}$  ft. high,  
N. of cor.

- 68.00 Leave brush; enter field.
- 78.60 Fence, brs. N. and S.  
Leave field; enter brush.

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

Chains

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

Land, level. (Field, 10.60 chs.)  
Soil, 2nd rate.  
Brush, mesquite and sage.

-----

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

N. 89° 49' E. on a random line through the middle of the  
N. half of sec. 11, setting temp. cors. at intervals of  
20.00 chs.

80.00 Falls 4 lks. N. of 1/16 sec. cor. No. 6, bet. secs. 11 and 12, N 1/2.  
Thence I run

S. 89° 51' W. on a true line through the middle of the  
N. half of sec. 11.

Over level land, through brush.

15.00 Road, brs. NW. and SE.

20.00 Set an iron post for 1/16 sec. cor. No. 5, in the center  
of the NE 1/4 of sec. 11, stamped on 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 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. 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 1/2 ft. base, 1 1/2 ft. high,  
N. of cor.

45.80 Mesquite brush corral, 1.00 ch. in diameter, with well  
in center.

48.00 Well, brs. N., 1.00 ch. dist.

48.50 Wire fence corral, 150 lks. square.

51.60 Indian hut, brs. S., 10 lks. dist.

60.00 Set an iron post for 1/16 sec. cor. No. 3, in the center  
of the NW 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 1/2 ft. base, 1 1/2 ft. high,  
N. of cor.

72.00 Road, brs. NE. and SW.

79.70 Road, brs. NW. and SE.

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

Chains

80.00 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 22, 1911. At the cor. of secs. 2, 3, 10 and 11, I set off 12° 01' N. on the decl. arc, and at 11h 58m 39s 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.

-----  
N. 0° 01' W. on a random line bet. secs. 2 and 3, setting temp. cors. at intervals of 20.00 chs.

79.96 Falls 10 lks. W. of the cor. of secs. 2, 3, 34 and 35, on N. bdy. of Tp., previously described.

Thence I run

S. 0° 03' W. on a true line bet. secs. 2 and 3.

Over level land, through brush.

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

1/16 S 3 in W. half  
S 2 in E. half  
No 6 in N.  
1911 in S.

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

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

$\frac{1}{4}$  S 3 in W. half  
S 2 in E. half  
1911 in S.

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

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

1/16 S 3 in W. half  
S 2 in E. half  
No 12 in N.  
1911 in S.

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

79.96 The cor. of secs. 2, 3, 10 and 11.

Land, level.  
Soil, 2nd rate. - brush, mesquite and sage.

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

Chains

From the 1/16 sec. cor. bet. secs. 2 and 3 (S $\frac{1}{2}$ ), I run N. 89° 52' E. on a random line through the middle of the S. half of sec. 2, setting temp. cors. at intervals of 20.00 chs.

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

Thence I run

S. 89° 53' W. on a true line through the middle of the S. half of sec. 2.

Over level land, through brush.

10.00 Road, brs. N. and S.

20.01 Set an iron post for 1/16 sec. cor. No. 11, in the 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.

40.02 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.

54.60 Road, brs. N. and S.

60.03 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.

61.00 Road, brs. NE. and SW.

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

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

-----

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

N. 89° 52' E. on a random line through the middle of sec. 2, setting temp. cors. at intervals of 20.00 chs.

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

Thence I run

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

Chains

S. 89° 51' W. on a true line through the middle of sec. 2.  
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. 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.

30.30 Road, brs. N. and S.

40.04 Set an iron post for center 1/4 sec. cor. of sec. 2, stamped  
in cap

0 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.

54.00 Road, brs. N. and S.

55.60 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. 2, stamped on 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.

80.08 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° 52' E. on a random line through the middle of the  
N. half of sec. 2, setting temp. cors. at intervals of  
20.00 chs.

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

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



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

Chains

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

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

40.04 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 3½ ft. base, 1½ ft. high,  
N. of cor.

49.25 Road, brs. NE. and SW.

55.50 Road, brs. N. and S.

60.06 Set an iron post for 1/16 sec. cor. No. 3, in the center  
of the NW¼ 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 3½ ft. base, 1½ ft. high,  
N. of cor.

80.08 The 1/16 sec. cor. No. 6, bet. secs. 2 and 3 (N½).

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

April 22, 1911.

March 29, 1911. At 7.00 a.m., l.m.t., I set off 33° 07'  
on the lat. arc, 3° 07' N. on the decl. arc, and deter-  
mine 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 mesquite brush.

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

20.00 Set an iron post for the 1/16 sec. cor. No. 12, bet. secs.  
33 and 34 (N½) stamped on cap

1/16 S 33 in W. half  
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.

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

Chains

40.00 Set an iron post for  $\frac{1}{4}$  sec. cor. bet. secs. 33 and 34, stamped in cap

$\frac{1}{4}$  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  $3\frac{1}{2}$  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).

42.00 Road, brs. E. and W.

60.00 Set an iron post for  $\frac{1}{16}$  sec. cor. No. 6, bet. secs. 33 and 34 ( $N\frac{1}{2}$ ), stamped in cap

$\frac{1}{16}$  S 33 in W. half  
S 34 in E. half  
1911 in S.  
No 6 in N.

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.

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

66.00 Drain, course SW.

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 4 E S 34 in SE. "  
S 33 in SW. "  
S 28 in NW. "

1911 in S.

1m notch on S. and 3 notches on E. edge

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

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

Land, level.

Soil, 2nd rate.

Brush, low mesquite and sage.

N. 89° 51' E. on a random line bet. secs. 27 and 34, setting temp. cors. at intervals of 20.00 chs.

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

Thence I run

S. 89° 51' W. on a true line bet. secs. 27 and 34.

Over level land, through mesquite brush and sage.

20.00 Set an iron post for  $\frac{1}{16}$  sec. cor. No. 1, bet. secs. 27 and 34 ( $E\frac{1}{2}$ ), stamped on cap

No 1  $\frac{1}{16}$  S 27 in N. half  
S 34 1911 in S. half

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

23.00 Wire fence, brs. N. 30° E. and S. 30° W. Leave brush; enter cultivated field.

40.00 Set an iron post for 1/4 sec. cor. bet. secs. 27 and 34, stamped in cap

1/4 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 3 1/2 ft. base, 1 1/2 ft. high, N. of cor.

44.00 Leave fields; enter arrow weed brush, brs. N. and S.

60.00 Set an iron post for 1/16 sec. cor. No. 2, bet. secs. 27 and 34 (W 1/2), 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 3 1/2 ft. base, 1 1/2 ft. high, N. of cor.

66.00 Brush fence, brs. N. 30° E. and S. 30° W. Leave arrow weed; enter mesquite brush, and sage brush.

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

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

-----  
From the 1/16 sec. cor. No. 12, bet. secs. 33 and 34, S 1/2, I run

N. 89° 51' E. on a random line through the middle of the S. half of sec. 34, setting temp. cors. at intervals of 20.00 chs. chs.

80.00 Falls 7 lks. N. of the 1/16 sec. cor. No. 12, bet. secs. 34 and 35 (S 1/2).

Thence I run

S. 89° 54' W. on a true line through the middle of the S. half of sec. 34.

Over level land, through mesquite and sage brush.

7.00 Road, brs. NE. and SW.

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

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

Chains

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, 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. 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.

80.00 The 1/16 sec. cor. No. 12, bet. secs. 33 and 34 (S 1/2).

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

-----  
From the 1/4 sec. cor. bet. secs. 33 and 34, I run N. 89° 51' E. on a random line through the middle of sec. 34, setting temp. cors. at intervals of 20.00 chs.

80.00 Falls 2 lks. S. of the 1/4 sec. cor. bet. secs. 34 and 35.

Thence I run S. 89° 50' W. on a true line through the middle of sec. 34. Over level land.

9.00 Indian huts, bear N., 2.00 chs. dist.

13.50 Road, brs. NW. and SE.

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

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

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

27.50 Ditch, 10 lks. wide, course SE.

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

31.50 Ditch, 10 lks. wide, course S.

40.00 Set an iron post for center 1/4 sec. cor. of sec. 34, stamped in cap

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

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

60.00 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.

80.00 The 1/4 sec. cor. bet. secs. 33 and 34.

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

-----

From the 1/16 sec. cor. No. 6, bet. secs. 33 and 34 (N 1/2), I run

N. 89° 51' E. on a random line through the middle of the N. half of sec. 34, setting temp. cors. at intervals of 20.00 chs.

79.96 Falls 3 lks. N. of the 1/16 sec. cor. No. 6, bet. secs. 34 and 35, (N. 1/2).

Thence I run

S. 89° 52' W. on a true line through the middle of the N. half of sec. 34.

Over level land, through brush.

8.00 Leave dense brush; enter cultivated field, brs. N. and S.

19.99 Set an iron post for 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.

30.60 Ditch, 10 lks. wide, course S. 30° W.

30.75 Fence, brs. N. 30° E. and S. 30° W.

34.00 Ditch, 10 lks. wide, course SE.

39.98 Set an iron post for 1/16 sec. cor. No. 4, bet. the NE. and NW. quarters of sec. 34, stamped in cap

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.

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

Chains

59.97 Set an iron post for 1/16 sec. cor. No. 3, in the center of the NW $\frac{1}{4}$  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 $\frac{1}{2}$  ft. base, 1 $\frac{1}{2}$  ft. high, N. of cor.

68.00 Leave cultivated field; enter mesquitenbrush, and sage.

70.00 Road, brs. NW. and SE.

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

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

Cloudy at Noon today; no observation for lat. Mar.29,1911.

-----  
April 4, 1911. At 7 a.m., l.m.t., I set off 33° 08' on the lat. arc, 5° 27' N. on the decl. arc, and determine a meridian with the solar, at the cor. of secs. 27, 28, 33 and 34.

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 $\frac{1}{4}$ ), stamped on 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 $\frac{1}{2}$  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. 27 and 28, stamped in cap

$\frac{1}{4}$  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 $\frac{1}{2}$  ft. base, 1 $\frac{1}{2}$  ft. high, W. of cor.

54.00 Road, brs. NW. and SE.

60.00 Set an iron post for 1/16 sec. cor. No. 6, bet. secs. 27 and 28 (N $\frac{1}{4}$ ), stamped in cap

1/16 S 28 in W. half  
S 27 in E. half  
No 6 in N.  
1911 in S.

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

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 4 E S 27 in SE. "  
S 28 in SW. "  
S 21 in NW. "

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.

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

N. 89° 51' E. on a random line bet. secs. 22 and 27, setting temp. ccrs. at intervals of 20.00 chs.

79.96 Falls 5 lks. N. of the cor. of secs. 22, 23, 26 and 27.

Thence I run

S. 89° 53' W. on a true line bet. secs. 22 and 27.

Over level land, through brush.

19.99 Set an iron post for 1/16 sec. cor. No. 1, bet. secs. 22 and 27 (E 1/2), stamped on 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.

39.98 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

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

59.97 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.

79.96 The cor. of secs. 21, 22, 27 and 28.

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

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

Chains

From the 1/16 sec. cor. No. 12, bet. secs. 27 and 28, (S 1/2)  
I run

N. 89° 51' E. on a random line through the middle of the  
S. half of sec. 27, setting temp. cors. at intervals of  
20.00 chs.

80.00 Falls 10 lks. N. of the 1/16 sec. cor. No. 12, bet. secs.  
26 and 27 (S 1/2).

Thence I run

S. 89° 55' W. on a true line through the middle of the S.  
half of sec. 27.

Over level land, through <sup>mesquite</sup> brush.

8.00 Road, brs. NE. and SW.

20.00 Set an iron post for 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.

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

56.00 Leave mesquite brush; enter dense arrow weed, brs. N.  
and E.

60.00 Set an iron post for 1/16 sec. cor. No. 9, in the center of  
the SW 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 1/2 ft. base, 1 1/2 ft. high,  
N. of cor.

68.00 Leave arrow weed; enter mesquite brush, brs. N. and S.

80.00 The 1/16 sec. cor. No. 12, bet. secs. 27 and 28 (S 1/2).

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

-----

From the 1/4 sec. cor. bet. secs. 27 and 28, I run  
N. 89° 51' E. on a random line through the middle of sec.  
27, setting temp. cors. at intervals of 20.00 chs.



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

Chains

80.00 Falls 12 lks. N. of the  $\frac{1}{4}$  sec. cor. bet. secs. 26 and 27.  
 Thence I run  
 S. 89° 56' W. on a true line through the middle of sec. 27.  
 Over level land, through brush.

14.00 Road, brs. N. and S.

20.00 Set an iron post for  $\frac{1}{16}$  sec. cor. No. 7, bet. the NE.  
 and SE. quarters of sec. 27, stamped in cap

No 7 in N.  
 $\frac{1}{16}$  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.

40.00 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.

56.30 Road, brs. NW. and SE.

60.00 Set an iron post for  $\frac{1}{16}$  sec. cor. No. 8, bet. the NW.  
 and SW. quarters of sec. 27, stamped in cap

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

80.00 The  $\frac{1}{4}$  sec. cor. bet. secs. 27 and 28.

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

-----  
 From the  $\frac{1}{16}$  sec. cor. No. 6, bet. secs. 27 and 28 (N $\frac{1}{2}$ ),  
 I run

N. 89° 51' E. on a random line through the middle of the  
 N. half of sec. 27, setting temp. cors. at intervals of  
 of 20.00 chs.

79.92 Falls 2 lks. N. of the  $\frac{1}{16}$  sec. cor. No. 6, bet. secs. 26  
 and 27 (N $\frac{1}{2}$ ).

Thence I run

S. 89° 52' W. on a true line through the middle of the N.  
 half of sec. 27.

Over level land, through brush.

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

Chains

19.98 Set an iron post for 1/16 sec. cor. No. 5, in the center of the NE $\frac{1}{4}$  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 $\frac{1}{2}$  ft. base, 1 $\frac{1}{2}$  ft. high, N. of cor.

39.98 Set an iron post for 1/16 sec. cor. No. 4, bet. the NE. and NW. quarters of sec. 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 $\frac{1}{2}$  ft. base, 1 $\frac{1}{2}$  ft. high, N. of cor.

59.94 Set an iron post for 1/16 sec. cor. No. 3, in the center of the NW $\frac{1}{4}$  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 $\frac{1}{2}$  ft. base, 1 $\frac{1}{2}$  ft. high, N. of cor.

79.92 The 1/16 sec. cor. No. 6, bet. secs. 27 and 28 (N $\frac{1}{2}$ ).

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

-----  
April 4, 1911. At the above cor., I set off 5° 30' N. on the decl. arc, and at 12h 03m p.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.  
-----

From the cor. of secs. 21, 22, 27 and 28, I run N. 0° 02' W. bet. secs. 21 and 22.

Over level land, through brush.

2.00 Road, brs. E. and W.

3.50 Drain, course SW.

20.00 Set an iron post for 1/16 sec. cor. No. 12, bet. secs. 21 and 22 (S $\frac{1}{2}$ ), stamped on 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.

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

Chains

36.95 Road, brs. E. and W.

40.00 Set an iron post for the  $\frac{1}{4}$  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.

41.90 Ditch, 10 lks. wide, course SW.

58.16 Left bank of Gila River, course SW.; bank, 8 ft. high.

Set an iron post for M.C. of frac. secs. 21 and 22, stamped in cap

MC in N.  
T 3 S S 21 in SW.  
R 4 E S 22 in SE.  
1911 in S.  
3 notches on E. edge

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

Thence across river; over sand bar; through thick arrow weed.

60.00 Point for  $1/16$  sec. cor. No. 6, bet. secs. 21 and 22 ( $N\frac{1}{2}$ ) falls in Gila River.

78.00 Water's edge; enter channel of river, 1 ft. deep, course W.

80.00 Point for cor. of secs. 15, 16, 21 and 22, falls in channel of river.

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

-----  
From the  $1/16$  sec. cor. No. 12, bet. secs. 21 and 22 ( $S\frac{1}{2}$ ) I run

N.  $89^{\circ} 53'$  E. on a random line through the middle of the S. half of sec. 22, setting temp. cors. at intervals of 20.00 chs.

79.92 Falls 5 lks. N. of the  $1/16$  sec. cor. No. 12, bet. secs. 22 and 23 ( $E\frac{1}{2}$ ).

Thence I run

S.  $89^{\circ} 55'$  W. on a true line through the middle of the S. half of sec. 22.

Over level land, through brush.

19.98 Set an iron post for  $1/16$  sec. cor. No. 11, in the center of the  $SE\frac{1}{4}$  of sec. 22, stamped on cap

No 11 in N.  
 $1/16$  S 22 in center  
1911 in S.

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

- 39.96 Set an iron post for  $1/16$  sec. cor. No. 10, bet. the SE.  
and SW. quarters of sec. 22, stamped on 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.

- 50.00 Road, brs. NW. and SE.

- 59.94 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.

- 79.92 The  $1/16$  sec. cor. No. 12, bet. secs. 21 and 22 ( $8\frac{1}{2}$ ).

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

-----  
From the  $\frac{1}{4}$  sec. cor. bet. secs. 21 and 22, I run

N.  $89^{\circ} 53'$  E. on a random line through the middle of sec.  
22, setting temp. cors. at intervals of 20.00 chs.

- 79.92 Falls 10 lks. N. of the  $\frac{1}{4}$  sec. cor. bet. secs. 22 and 23.

Thence I run

S.  $89^{\circ} 57'$  W. on a true line through the middle of sec. 22.

Over level land, through field.

- 17.00 Ditch, 5 lks. wide, course S.

Leave field; enter brush, brs. N. and S.

- 19.98 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  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high,  
N. of cor.

- 39.96 Set an iron post for the center  $\frac{1}{4}$  sec. cor. of sec. 22,  
stamped in cap

C  $\frac{1}{4}$  S 22 in center  
1911 in S.

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

59.94 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.

79.92 The 1/4 sec. cor. bet. secs. 21 and 22.

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

-----  
From the point for the 1/16 sec. cor. No. 6, bet. secs. 21 and 22 (N 1/2), in bed of river on sand bar, I run

N. 89° 53' E. on a random line through the middle of the N. half of sec. 22, setting temp. cors. at intervals of 20.00 chs.

80.04 Falls 7 lks. S. of the 1/16 sec. cor. No. 6, bet. secs. 22 and 23 (N 1/2).

Thence I run

S. 89° 50' W. on a true line through the middle of the N. half of sec. 22.

Over level land, through field.

1.00 Leave field, enter brush, brs. N. and S.

20.01 Set an iron post for 1/16 sec. cor. No. 5, in the center of the NE 1/4 of sec. 22, stamped on 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.

59.50 Ditch, 15 lks. wide, course SW.

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

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

Chains

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.

75.23 Left bank of Gila River, course SW.; bank, 4 ft. high.

Set an iron post for 1/16 M.C. of frac. sec. 22, stamped  
in cap

M C in W.  
1/16 S 22 in E.  
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 river bed.

80.04 Point for 1/16 sec. cor. No. 6, bet. secs. 21 and 22 (N 1/2).

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

-----  
From the 1/16 sec. cor. No. 5, in the center of the NE 1/4  
of sec. 22, I run

N. 0° 02' W. through the E. half of sec. 22.

Over level land, through brush.

11.50 Ditch, 10 lks. wide, course W.

17.60 Left bank of Gila River, course W.; bank, 4 ft. high.

Set an iron post for 1/16 M.C. of frac. sec. 22, stamped  
in cap

M C in N.  
1/16 S 22 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.

-----  
From the 1/16 sec. cor. No. 4, bet. the NE. and NW. quar-  
ters of sec. 22, I run

N. 0° 02' W. through the middle of sec. 22.

Over level land, through brush.

8.50 Ditch, 10 lks. wide, course SW.

18.85 Left bank of Gila River, course W.; 6 ft. high.

Set an iron post for 1/16 M.C. of frac. sec. 22, stamped  
on cap

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

Chains.

M C in N.  
1/16 S 22 1911 1/4° 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.

-----

From the 1/16 sec. cor. No. 3, in the center of the NW 1/4 of sec. 22, I run

N. 0° 02' W. through the W. half of sec. 22.

Over level land, through brush.

4.70 Left bank of Gila River, course SW.; bank, 4 ft. high.

Set an iron post for 1/16 M.C. of frac. sec. 22, stamped in cap

M C in N.  
1/16 S 22 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.

-----

From point for cor. of secs. 15, 16, 21 and 22, which falls in channel of Gila River, I run

N. 0° 02' W. bet. secs. 15 and 16.

In river.

3.50 North edge of water's edge.  
Thence over sand bar in bed of river.

12.20 Right bank of Gila River, course W.; 4 ft. high.

Set an iron post M.C. of frac. secs. 15 and 16, stamped in cap

M C 1911 in S.  
T 3 S S 15 in NE.  
R 4 E S 16 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.

Thence over level land, through arrow weed.

20.00 Set an iron post for 1/16 sec. cor. No. 2, bet. secs. 15 and 16, (S 1/2), stamped in cap

1/16 S 16 in W. half  
S 15 in E. half  
No 2 in N.  
1911 in S.

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

40.00 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.

40.20 Leave arrow weed; enter mesquite and sage brush.

46.70 Ditch, 20 lks. wide, course W.

60.00 Set an iron post for 1/16 sec. cor. No. 6, bet. secs. 15 and 16 (N 1/4).

80.00 Set an iron post for cor. of secs. 9, 10, 15 and 16, stamped in cap

T 3 S S 10 in NE. quadrant  
R 4 E S 15 in SE. "  
S 16 in SW. "  
S 9 in NW. "

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.

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

April 4, 1911.

-----  
April 19, 1911. At 7h a.m., l.m.t., I set off 33° 11' on the lat. arc, 10° 56' 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. 89° 51' E. on a random line bet. secs. 10 and 15, setting temp. cors. at intervals of 20.00 chs.

80.08 Falls 18 lks. N. of the cor. of secs. 10, 11, 14 and 15.

Thence I run

S. 89° 59' W. on a true line bet. secs. 10 and 15.

Over level land, through field.

20.02 Set an iron post for 1/16 sec. cor. No. 1, bet. secs. 10 and 15 (E 1/4), stamped on cap

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

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



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

Chains

and raise a mound of earth 3½ ft. base, 1½ ft. high, N. of cor.

24.00 Fence, brs. N. and S.

28.00 Fence, brs. N. and S.

40.04 Set an iron post for ¼ sec. cor. bet. secs. 10 and 15, stamped in cap

¼ S 10 in N. half  
S 15 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.

43.00 Leave field; enter brush, brs. N. and S. Fence, brs. N. and S.

60.06 Set an iron post for 1/16 sec. cor. No. 2, bet. secs. 10 and 15 (W½) stamped in cap

No 2 1/16 S 10 in N. half  
S 15 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. 9, 10, 15 and 16.

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

-----  
From the 1/16 sec. cor. No. 12, bet. secs. 15 and 16 (S½) I run

N. 89° 51' E. on a true line through the S. half of frac. sec. 15.

Over level land, through brush.

8.20 Right bank of Gila River, course SW.; bank, 4 ft. high.

Set an iron post for 1/16 M.C. of frac. sec. 15, stamped on 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.

-----  
From the ¼ sec. cor. bet. secs. 15 and 16, I run

N. 89° 51' E. on a true line through the middle of sec.15.

Over level land, through brush.

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

Chains

20.00 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 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high, N. of cor.

24.70 The right bank of Gila River, course SW.; bank, 4 ft. high.

Set an iron post for 1/16 M.C. of frac. sec. 15, stamped on 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.

-----

From the 1/16 sec. cor. No. 8, bet. the NW. and SW. quarters of sec. 15, I run

S. 0° 01' E. through the W. half of sec. 15.

Over level land, through brush.

2.10 Right bank of Gila River, course SW.; bank, 4 ft. high.

Set an iron post for 1/16 M.C. of frac. sec. 15, stamped on cap

M C 1911 in S.  
1/16 S 15 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.

-----

From the 1/16 sec. cor. No. 6, bet. secs. 15 and 16 (N 1/2), I run

N. 89° 51' E. on a random line through the middle of the N. half of sec. 15, setting temp. cors. at intervals of 20.00 chs.

80.04 Falls 18 lks. N. of the 1/16 sec. cor. No. 6, bet. secs. 14 and 15 (N 1/2).

Thence I run

S. 89° 59' W. on a true line through the middle of the N. half of sec. 15.

Over level land, through brush.

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Chains

20.01 Set an iron post for 1/16 sec. cor. No. 3, in the center of the NE $\frac{1}{4}$  of sec. 15, stamped in cap

No 5 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. 4, bet. the NE. and NW. quarters of sec. 15, stamped in cap

No 4 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.

60.03 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.

80.04 The 1/16 sec. cor. No. 6, bet. secs. 15 and 16 (N $\frac{1}{2}$ ).

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

-----

From the 1/16 sec. cor. No. 4, bet. the NE. and NW. quarters of sec. 15, I run

S. 0° 01' E. through the middle of sec. 15.

Over level land, through brush.

14.75 Ditch, 20 lks. wide, course W.

15.10 Right bank of Gila River, course W.; bank, 4 ft. high.

Set an iron post for 1/16 M.C. of frac. sec. 15, stamped in cap

M C 1911 in S.  
1/16 S 15 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.

-----

From the 1/16 sec. cor. No. 5, in the center of the NE $\frac{1}{4}$  of sec. 15, I run

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Chains	
	S. 0° 01' E. through the E. half of sec. 15.
	Over level land, through brush.
8.50	Right bank of Gila River, course W.; bank, 5 ft. high.
	Set an iron post for 1/16 M.C. of frac. sec. 15, stamped in cap
	<p style="text-align: center;">M C 1911 in S. 1/16 S 15 in N.</p>
	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.
	Cloudy at Noon today; no observation for lat. April 19, 1911.
-----	
	<p>April 24, 1911. At 7.00 a.m., l.m.t., I set off 33° 10' on the lat. arc, 12° 37' N. on the decl. arc, and determine a meridian with the solar, at the cor. of secs. 9, 10, 15 and 16.</p>
	Thence I run
	N. 0° 02' W. bet. secs. 9 and 10.
	Over level land, through brush.
20.00	Set an iron post for 1/16 sec. cor. No. 12, bet. secs. 9 and 10, (S $\frac{1}{2}$ ), stamped in cap
	<p style="text-align: center;">1/16 S 9 in W. half S 10 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.
31.00	Ditch, 20 lks. wide, water 6 ins. deep, course W.
40.00	Set an iron post for $\frac{1}{4}$ sec. cor. bet. secs. 9 and 10, stamped in cap
	<p style="text-align: center;"><math>\frac{1}{4}</math> S 9 in W. half S 10 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.
	(After diligent search, no trace of the old $\frac{1}{4}$ sec. cor. is found).
46.20	Road, brs. E. and W.
60.00	Set an iron post for 1/16 sec. cor. No. 6, bet. secs. 9 and 10 (N $\frac{1}{2}$ ), stamped on cap
	<p style="text-align: center;">1/16 S 9 in W. half S 10 in E. half No 6 in N., 1911 in S.</p>

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

Chains

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

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

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

1911 in S.

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

Dig pits 18x18x12 ins. in each sec. 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.

-----  
N. 89° 59' E. on a random line bet. secs. 3 and 10, setting temp. cors. at intervals of 20.00 chs.

80.04 Intersect the cor. of secs. 2, 3, 10 and 11.

Thence I run

S. 89° 59' W. on a true line bet. secs. 3 and 10.

Over level land, through brush.

20.01 Set an iron post for 1/16 sec. cor. No. 1, bet. secs. 3 and 10 (E½), stamped on cap

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

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

21.00 Road, brs. NW. and SE.

40.02 Set an iron post for the ¼ sec. cor. bet. secs. 3 and 10, stamped in cap

¼ 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 3½ ft. base, 1½ ft. high, N. of cor.

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

50.00 Road, brs. NW. and SE.

60.03 Set an iron post for 1/16 sec. cor. No. 2, bet. secs. 3 and 10 (W½), stamped on cap

No 2 1/16 S 3 in N. half  
S 10 1911 in S. half

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

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

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

-----  
From the 1/16 sec. cor. No. 12, bet. secs. 9 and 10, (S½)  
I run

N. 89° 59' E. on a random line through the middle of the  
S. half of sec. 10, setting temp. cors. at intervals  
of 20.00 chs.

80.04 Falls 4 lks. S. of the 1/16 sec. cor. No. 12, bet. secs.  
10 and 11 (S½)

Thence I run

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

Over level land, through field.

20.01 Set an iron post for the 1/16 sec. cor. No. 11, in the  
center of the SE¼ of sec. 10, stamped in cap

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

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

32.50 Ditch, 10 lks. wide, course NW.

38.00 Fence, brs. NE. and SW.

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

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

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

52.45 Wire fence, brs. N. and S.  
Leave field, enter brush.

56.50 Road, brs. NW. and SE.

60.03 Set an iron post for 1/16 sec. cor. No. 9, in the center  
of the SW¼ of sec. 10, stamped in cap

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

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

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Chains

80.04 The 1/16 sec. cor. No. 12, bet. secs. 9 and 10 (S $\frac{1}{2}$ ).  
 Land, level.  
 Soil, 2nd rate.  
 Brush, mesquite and sage (cultivated field, 27.55 chs.)

-----

From the  $\frac{1}{4}$  sec. cor. bet. secs. 9 and 10, I run  
 N. 89° 59' E. on a random line through the middle of sec.  
 10, setting temp. cors. at intervals of 20.00 chs.

80.00 Falls 2 lks. S. of the  $\frac{1}{4}$  sec. cor. bet. secs. 10 and 11.  
 Thence I run  
 S. 89° 58' W. on a true line through the middle of 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 3 ft. dist.;  
 and raise a mound of earth 3 $\frac{1}{2}$  ft. base, 1 $\frac{1}{2}$  ft. high,  
 N. of cor.

24.00 Road, brs. NE. and SW.

40.00 Set an iron post for center  $\frac{1}{4}$  sec. cor. of sec. 10,  
 stamped in cap

C  $\frac{1}{4}$  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.

60.00 Set an iron post for 1/16 sec. cor. No. 8, bet. the NW.  
 and SW. quarters of sec. 10, stamped in cap

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

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.;  
 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. 9 and 10.

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

-----

From the 1/16 sec. cor. No. 6, bet. secs. 9 and 10 (N $\frac{1}{2}$ ),  
 I run

N. 89° 59' E. on a random line through the middle of the  
 N. half of sec. 10, setting temp. cors. at intervals  
 of 20.00 chs.

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

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Chains

Thence I run

S. 89° 58' W. on a true line through the middle of the N. half of sec. 10.

Over level land, through brush.

18.00 Road, brs. NW. and SE.

20.00 Set an iron post for 1/16 sec. cor. No. 5, in the center of the NE 1/4 of sec. 10, stamped on 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 1/2 ft. base, 1 1/2 ft. high, N. of cor.

26.00 Road, brs. NE. and SW.

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

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

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

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

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

-----  
April 24, 1911. At the cor. of secs. 3, 4, 9 and 10, I set off 12° 41' N. on the decl. arc, and at 11h 58m 16s 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.  
-----

N. 0° 02' W. on arandom line bet. secs. 3 and 4, setting temp. cors. at intervals of 20.00 chs.

80.00 Falls 12 lks. W. of the cor. of secs. 3, 4, 33 and 34, on N. bdy. of Tp., previously described.

Thence I run

S. 0° 03' W. on a true line bet. secs. 3 and 4.



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Chains

Over level land, through brush.

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

1/16 S 4 in W. half  
S 3 in E. half  
No 6 in N.  
1911 in S.

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

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

$\frac{1}{4}$  S 4 in W. half  
S 3 in E. half  
1911 in S.

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

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

40.30 Road, brs. NW. and SE.

60.00 Set an iron post for 1/16 sec. cor. No. 12, bet. secs. 3 and 4, (S $\frac{1}{2}$ ) 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 $\frac{1}{2}$  ft. base, 1 $\frac{1}{2}$  ft. high, W. of cor.

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

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

-----  
From the 1/16 sec. cor. No. 12, bet. secs. 3 and 4, (S $\frac{1}{2}$ ) I run

N. 39° 59' E. on a random line through the middle of the S. half of sec. 3, setting temp. cors. at intervals of 20.00 chs.

80.00 Falls 2 lks. N. of the 1/16 sec. cor. No. 6, bet. secs. 2 and 3.

Thence I run

West on a true line through the middle of the S. half of sec. 3.

Over level land, through brush.

20.00 Set an iron post for 1/16 sec. cor. No. 11, in the center

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Chains

of the SE $\frac{1}{4}$  of sec. 3, stamped on 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.

28.50 Intersection of two roads, bearing NW. and SE. and  
N. and S.

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.

40.00 Road, brs. N. and S.

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

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.

P-----

From the  $\frac{1}{4}$  sec. cor. bet. secs. 3 and 4, I run  
N. 89° 59' E. on a random line through the middle of sec.  
3, setting temp. cors. at intervals of 20.00 chs.

80.04 Falls 2 lks. N. of the  $\frac{1}{4}$  sec. cor. bet. secs. 2 and 3.

Thence I run  
West on a true line through the middle of sec. 3.  
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. 3, stamped in cap

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

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

Chains

34.00 Road, brs. NW. and SE.

40.02 Set an iron post for center  $\frac{1}{4}$  sec. cor. of sec. 3, stamped in cap

C  $\frac{1}{4}$  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.

53.50 Road, brs. NW. and SE.

60.03 Set an iron post for  $\frac{1}{16}$  sec. cor. No. 8, bet. the NW. and SW. quarters of sec. 3, stamped in cap

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

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

-----

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

N.  $89^{\circ} 59'$  E. on a random line through the middle of the N. half of sec. 3, setting temp. cors. at intervals of 20.00 chs.

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

Thence I run

N.  $89^{\circ} 59'$  W. on a true line through the middle of the N. half of sec. 3.

Over level land, through brush.

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

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

40.04 Set an iron post for  $\frac{1}{16}$  sec. cor. No. 4, bet. the NE. and NW. quarters of sec. 3, stamped in cap

No 4 in N.  
 $\frac{1}{16}$  S 3 in center  
1911 in S.

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

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Chains

and raise a mound of earth 3½ ft. base, 1½ ft. high, N. of cor.

60.06 Set an iron post for 1/16 sec. cor. No. 3, in the center of the NW¼ 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 3½ ft. base, 1½ ft. high, N. of cor.

80.08 The 1/16 sec. cor. No. 6, bet. secs. 3 and 4 (N½).

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

April 24, 1911.

-----  
March 29, 1911.

From the cor. of secs. 4, 5, 32 and 33, on S. bdy. of Tp., previously described, 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 (S¼), 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 3½ ft. base, 1½ ft. high, W. of cor.

40.00 Set an iron post for ¼ sec. cor. bet. secs. 32 and 33, stamped in cap

¼ 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 3½ ft. base, 1½ ft. high, W. of cor.

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

60.00 Set an iron post for 1/16 sec. cor. No. 6, bet. secs. 32 and 33 (N½), stamped on cap

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.;

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

Chains

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 4 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. basex 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° 51' E. on a random line bet. secs. 28 and 33, setting temp. cors. at intervals of 20.00 chs.

80.00 Falls 7 lks. S. of the cor. of secs. 27, 28, 33 and 34.

Thence I run

S. 89° 48' W. on a true line bet. secs. 28 and 33.

Over level land, through brush.

11.70 Drain, course SE.

13.00 Road, brs. NW. and SE.

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.

29.00 Road, brs. NW. and SE.

40.00 Set an iron post for 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.

60.00 Set an iron post for 1/16 sec. cor. No. 2, bet. secs. 28 and 33 (W½), stamped on 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 3½ ft. base, 1½ ft. high, N. of cor.

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

Chains

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

Land, level.  
Soil, 2nd and 3rd rate.  
Brush, mesquite and sage.

-----  
From the 1/16 sec. cor. No. 12, bet. secs. 32 and 33 (8 1/2)  
I run

N. 89° 51' E. on a random line through the middle of the  
S. half of sec. 33, setting temp. cors. at intervals of  
20.00 chs.

80.00 Falls 2 lks. N. of the 1/16 sec. cor. No. 12, bet. secs. 33  
and 34 (8 1/2).

Thence I run

S. 89° 52' W. 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 SW 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 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. 33, stamped on 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 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. 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 1/2 ft. base, 1 1/2 ft. high,  
N. of cor.

80.00 The 1/16 sec. cor. No. 12, bet. secs. 32 and 33 (8 1/2).

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

-----  
From the 1/16 sec. cor. bet. secs. 32 and 33, I run

N. 89° 51' E. on a random line through the middle of sec.  
33, setting temp. cors. at intervals of 20.00 chs.

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

Chains

80.00 Falls 2 lks. N. of the  $\frac{1}{4}$  sec. cor. bet. secs. 33 and 34.

Thence I run

S. 89° 52' W. on a true line through the middle of sec. 33.

Over level land, through brush.

19.50 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. 33, stamped on 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 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., 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. 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.

80.00 The  $\frac{1}{4}$  sec. cor. bet. secs. 32 and 33.

Land, level.  
Soil, 2nd rate, and 3rd rate.  
Brush, mesquite.

-----  
From the 1/16 sec. cor. No. 6, bet. secs. 32 and 33, (N $\frac{1}{2}$ ), I run

N. 89° 51' E. on a random line through the middle of the N. half of sec. 33, setting temp. cors. at intervals of 20.00 chs.

80.00 Falls 7 lks. N. of the 1/16 sec. cor. No. 6, bet. secs. 33 and 34 (N $\frac{1}{2}$ ).

Thence I run

S. 89° 54' W. on a true line through the middle of the N. half of sec. 33.

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. 33, stamped on cap

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

Chains

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.

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.

80.00 The 1/16 sec. cor. No. 6, bet. secs. 32 and 33 (N 1/2).

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

March 29, 1911.

April 5, 1911. At 7 a.m., l.m.t., I set off 33° 08' on  
the lat. arc, 5° 49' N. on the decl. arc, and determine  
a meridian with the solar, at the cor. of secs. 28, 29,  
32 and 33.

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 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 1/2 ft. base, 1 1/2 ft. high,  
W. of cor.

20.20 Road, brs. E. and W.

40.00 Set an iron post for 1/4 sec. cor. bet. secs. 28 and 29,  
stamped in cap

1/4 S 29 in W. half  
S 28 in E. half  
1911 in S.



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

46.00 Road, brs. E. and W.

60.00 Set an iron post for 1/16 sec. cor. No. 6, bet. secs. 28 and 29 (N 1/2), stamped on 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 1/2 ft. base, 1 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 4 E S 28 in SE. "  
S 29 in SW. "  
S 20 in NW. "

1911 in S.  
2 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.

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

N. 89° 48' E. on a random line bet. secs. 21 and 28, setting temp. cors. at intervals of 20.00 chs.

80.08 Falls 10 lks. N. of the cor. of secs. 21, 22, 27 and 28.

Thence I run

S. 89° 52' W. on a true line bet. secs. 21 and 28.

Over level land, through brush.

20.02 Set an iron post for 1/16 sec. cor. No. 1, bet. secs. 21 and 28 (E 1/2), stamped on 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.

40.04 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.

60.06 Set an iron post for 1/16 sec. cor. No. 2, bet. secs. 21

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

Chains

and 28 ( $W\frac{1}{2}$ ), 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  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high,  
N. of cor.

71.20 Drain, course NW.

80.08 The cor. of secs. 20, 21, 28 and 29,

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

-----  
from the  $1/16$  sec. cor. No. 12, bet. secs. 28 and 29, ( $S\frac{1}{4}$ )  
I run

N.  $89^{\circ} 48'$  E. on a random line through the middle of the  
N. half of sec. 28, setting temp. cors. at intervals of  
20.00 chs.

80.00 Falls 4 lks. N. of the  $1/16$  sec. cor. No. 12, bet. secs. 27  
and 28 ( $S\frac{1}{4}$ ).

Thence I run

S.  $89^{\circ} 50'$  W. on a true line through the middle of the S.  
half of sec. 28.

Over level land, through brush.

8.75 Drain, course SW.

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 on 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 on 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.

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

Chains

70.00 Road, brs. NW. and SE.

80.00 The 1/16 sec. cor. No. 12, bet. secs. 28 and 29 (S 1/4).

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

-----  
From the 1/4 sec. cor. bet. secs. 28 and 29, I run  
N. 89° 48' E. on a random line through the middle of sec.  
28, setting temp. cors. at intervals of 20.00 chs.

80.04 Falls 10 lks. N. of the 1/4 sec. cor. bet. secs. 27 and 28.

Thence I run

S. 89° 52' W. on a true line through the middle of sec. 28.

Over level land, through brush.

8.80 Drain, course S.

19.00 Dry wash, 1.00 ch. wide, course SW.

20.01 Set an iron post for 1/16 sec. cor. No. 7, bet. the NE.  
and SE. quarters of sec. 28, stamped in cap

No 7 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 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. 28,  
stamped in cap

C 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.

60.03 Set an iron post for the 1/16 sec. cor. No. 8, bet. the  
NW. and SW. quarters of sec. 28, stamped on cap

No 8 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 1/2 ft. base, 1 1/2 ft. high,  
N. of cor.

69.10 Road, brs. NW. and SE.

80.04 The 1/4 sec. cor. bet. secs. 28 and 29.

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

-----

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

Chains

From the 1/16 sec. cor. No. 6, bet. secs. 28 and 29, (N½),  
I run

N. 89° 48' E. on a random line through the middle of the  
N. half of sec. 28, setting temp. cors. at intervals of  
20.00 chs.

80.08 Falls 16 lks. N. of the 1/16 sec. cor. No. 6, bet. secs.  
27 and 28. (N½)

Thence I run

S. 89° 55' W. on a true line through the middle of the N.  
half of sec. 28.

Over level land, through brush.

20.02 Set an iron post for the 1/16 sec. cor. No. 5, in the  
center of the NW¼ 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 3½ ft. base, 1½ 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. 28, stamped on 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 3½ ft. base, 1½ ft. high,  
N. of cor.

60.06 Set an iron post for 1/16 sec. cor. No. 3, in the center  
of the NW¼ 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 3½ ft. base, 1½ ft. high,  
N. of cor.

80.08 The 1/16 sec. cor. No. 6, bet. secs. 28 and 29 (N½).

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

-----  
April 5, 1911. At the cor. of secs. 20, 21, 28 and 29,  
I set off 5° 54' N. on the decl. arc, and at 12h 03m  
p.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. 20 and 21.

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

Chains

Over level land, through brush.

15.00 Road, brs. E. and W.

16.00 Ditch, 10 lks. wide, course SE.

18.50 Ditch, 10 lks. wide, course W.

20.00 Set an iron post for 1/16 sec. cor. No. 12, bet. secs. 20 and 21 (S $\frac{1}{2}$ ), stamped on 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.; 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. 20 and 21, stamped in cap

$\frac{1}{4}$  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 $\frac{1}{2}$  ft. base, 1 $\frac{1}{2}$  ft. high, W. of cor.

42.00 Road, brs. E. and W.

48.40 Left bank of Gila River, course W.; bank, 6 ft. high.

Set an iron post for M.C. of frac. secs. 20 and 21, stamped in cap

M C in N.  
T 3 S S 20 in SW.  
R 4 E S 21 in SE.  
1911 in S.  
4 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.

Thence over river bed.

60.00 Point for 1/16 sec. cor. No. 6, bet. secs. 20 and 21 (N $\frac{1}{2}$ ), falls in river.

66.00 Middle of channel of river, course W.; 2 ft. deep, 6.00 chs. wide.

80.00 Point for cor. of secs. 16, 17, 20 and 21, falls in river bed. Set temp. post.

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

-----  
From the 1/16 sec. cor. No. 12, bet. secs. 20 and 21 (S $\frac{1}{2}$ ) I run

N. 89° 52' W. on a random line through the middle of the S. half of sec. 21, setting temp. cors. at intervals of 20.00 chs.

99

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

Chains

80.08 Falls 10 lks. N. of the 1/16 sec. cor. No. 12, bet. secs. 21 and 22 (S $\frac{1}{2}$ ).

Thence I run

S. 89° 56' W. on a true line through the middle of the S. half of sec. 21.

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. 21, stamped on 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.; 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. 21, stamped on cap

No 10 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 $\frac{1}{2}$  ft. base, 1 $\frac{1}{2}$  ft. high, N. of cor.

54.00 Ditch, 10 lks. wide, course SE.

60.06 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 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.

68.20 Ditch, 10 lks. wide, course SE.

71.25 Ditch, 10 lks. wide, course SW.

80.08 The 1/16 sec. cor. No. 12, bet. secs. 20 and 21, (S $\frac{1}{2}$ ).

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

-----

From the  $\frac{1}{4}$  sec. cor. bet. secs. 20 and 21, I run

N. 89° 52' E. on a random line through the middle of sec. 21, setting temp. cors. at intervals of 20.00 chs.

80.04 Falls 10 lks. N. of the  $\frac{1}{4}$  sec. cor. bet. secs. 21 and 22.

Thence I run

S. 89° 56' W. on a true line through the middle of sec. 21.

Over level land, through brush.

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

Gains

4.50 Ditch, 10 lks. wide, course SW.

20.01 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 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.

27.00 Road, brs. NW. and SE.

40.02 Set an iron post for center 1/4 sec. cor. of sec. 21, stamped in cap

0 1/4 S 21 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. 21, stamped on 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.

80.04 The 1/4 sec. cor. bet. secs. 20 and 21.

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

-----

From the 1/16 sec. cor. No. 7, bet. the NE. and SE. quarters of sec. 21, I run

N. 0° 02' W. through the E. bdy. of sec. 21.

Over level land, through brush.

10.03 Left bank of Gila River, course W.; 6 ft. high.

Set an iron post for 1/16 M.C. of frac. sec. 21, stamped in cap

M C in N.  
1/16 S 21 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.

-----

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

Chains

From the center  $\frac{1}{4}$  sec. cor. of sec. 21, I run  
N. 0° 02' W. through the middle of sec. 21.  
Over level land, through brush.

4.00 Road, brs. E. and W.

10.20 Left bank of Gila River, course W.; bank, 8 ft. high.

Set an iron post for  $\frac{1}{16}$  M.C. of frac. sec. 21, stamped  
in cap

M C in N.  
 $\frac{1}{16}$  S 21 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.

-----

From the  $\frac{1}{16}$  sec. cor. No. 8, bet. the NW. and SW. quar-  
ters of sec. 21, I run

N. 0° 02' W. through the W. half of sec. 21.

Over level land, through brush.

2.00 Road, brs. E. and W.

4.55 Left bank of Gila River, course W.; 8 ft. high.

Set an iron post for  $\frac{1}{16}$  M.C. of frac. sec. 21, stamped  
in cap

M C in N.  
 $\frac{1}{16}$  S 21 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.

-----  
From the point for cor. of secs. 16, 17, 20 and 21, (in  
bed of Gila River) I run

N. 0° 02' W. bet. secs. 16 and 17.

Over river bottom.

20.00 Point for  $\frac{1}{16}$  sec. cor. No. 12, bet. secs. 16 and 17 ( $S\frac{1}{2}$ )  
falls in river bed.

25.64 Right bank of Gila River, course NW.; bank, 6 ft. high.

Set an iron post for M.C. of frac. secs. 16 and 17,  
stamped in cap

M C 1911 in S.  
T 3 S S 16 in NE.  
R 4 E S 17 in NW.  
4 notches on E.



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

Chains

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.

Thence over level land, through brush.

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.

60.00 Set an iron post for 1/16 sec. cor. No. 6, bet. secs. 16 and 17 (N 1/2), stamped on cap

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 1/2 ft. base, 1 1/2 ft. high, W. of cor.

64.40 Ditch, 10 lks. wide, 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 4 E S 16 in SE. "  
S 17 in SW. "  
S 8 in NW. "  
1911 in S.  
4 notches on S. and 4 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 arrow weed.

April 5, 1911.

April 19, 1911. Cloudy at Noon today; no observation for lat.

From the cor. of secs. 8, 9, 16 and 17, I run N. 89° 51' E. on a random line bet. secs. 9 and 16, setting temp. cors. at intervals of 20.00 chs.

80.06 Falls 16 lks. N. of the cor. of secs. 9, 10, 15 and 16.

Thence I run S. 89° 58' W. on a true line bet. secs. 9 and 16.

Over level land, through brush.

9.00 Mesquite corral, 1.00 ch. in diameter, on line.

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

Chains

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

No 1 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.

39.60 Ditch, 10 lks. wide, course SW.

40.04 Set an iron post for  $\frac{1}{4}$  sec. cor. bet. secs. 9 and 16, stamped in cap

$\frac{1}{4}$  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 $\frac{1}{2}$  ft. base, 1 $\frac{1}{2}$  ft. high, N. of cor.

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

No 2 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.

80.08 The cor. of secs. 8, 9, 16 and 17.

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

-----  
From the 1/16 sec. cor. No. 12, bet. secs. 15 and 16 (S $\frac{1}{4}$ ) I run

S. 89° 51' 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 $\frac{1}{4}$  of sec. 16, stamped in cap

No 11 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.

22.80 Right bank of Gila River, course NW.; bank, 6 ft. high.

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

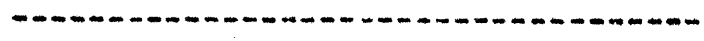
M C in W.  
1/16 S 16 in E.  
1921 in S.

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.

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

Chains

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



From the 1/16 sec. cor. No. 11, in the center of the SE 1/4 of sec. 16, I run

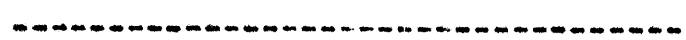
S. 0° 02' E. on a true line through the E. half of sec. 16.  
Over level land, through brush.

13.35 Right bank of Gila River, course NW.; bank, 6 ft. high.  
Set an iron post for 1/16 M.C. of frac. sec. 16, stamped on cap

M C 1911 in S.  
1/16 S 16 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, arrow weed and mesquite.



From the 1/4 sec. cor. bet. secs. 16 and 17, I run

N. 89° 51' E, on a random line through the middle of sec. 16, setting temp. cores. at intervals of 20.00 chs.

80.12 Intersect the 1/4 sec. cor. bet. secs. 15 and 16.

Thence I run

S. 89° 51' W. on a true line through the middle of sec. 16.  
Over level land, through brush.

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

40.06 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.

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.

42.61 Right bank of Gila River, course NW.; bank, 7 ft. high.

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

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

Chains

M C in W.  
1/16 S 16 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.

Thence in bed of river.

60.09 Point for 1/16 sec. cor. No. 8, bet. the NW. and SW. quarters of sec. 16, falls in bed of river.

64.62 Right bank of Gila River, course SW.; bank, 6 ft. high.

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

M C in E.  
1/16 S 16 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.

80.12 The 1/4 sec. cor. bet. secs. 16 and 17.

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

-----

From the center 1/4 sec. cor. of sec. 16, I run S. 0° 02' E. on a true line through the middle of sec. 16. Over level land, through brush.

.22 Right bank of Gila River, course NW.; bank, 6 ft. high.

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

M C 1911 in S.  
1/16 S 16 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, arrow weed and mesquite.

-----

From the 1/16 sec. cor. No. 6, bet. secs. 16 and 17, (N 1/4), I run

N. 89° 51' E. on a random line through the middle of the N. half of sec. 16, setting temp. cors. at intervals of 20.00 chs.

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

Thence I run

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

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

Chains

half of sec. 16.

Over level land, through brush.

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

40.06 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.

60.09 Set an iron post for 1/16 sec. cor. No. 3, in the center of the NW $\frac{1}{4}$  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 $\frac{1}{2}$  ft. base, 1 $\frac{1}{2}$  ft. high, N. of cor.

68.00 Ditch, 20 lks. wide, course NW.

80.12 The 1/16 sec. cor. No. 6, bet. secs. 16 and 17 (N $\frac{1}{2}$ ).

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

-----

From the 1/16 sec. cor. No. 3, in the center of the NW $\frac{1}{4}$  of sec. 16, I run

S. 0° 02' E. on a true line through the middle of the W. half of sec. 16.

Over level land, through brush.

19.24 Right bank of Gila River, course SW.

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

M C 1911 in S.  
1/16 S 16 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, dense mesquite, arrow weed and sage.

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

Chains

April 25, 1911. At 8.00 a.m., l.m.t., I set off 33° 10' on the lat. arc, 12° 58' 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.

13.50 Road, brs. NE. and SW.

20.00 Set an iron post for 1/16 sec. cor. No. 12, bet. secs. 8 and 9 (S $\frac{1}{2}$ ), stamped on 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 $\frac{1}{2}$  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. 8 and 9, stamped in cap

$\frac{1}{4}$  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 $\frac{1}{2}$  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. 8 and 9 (N $\frac{1}{2}$ ), stamped on cap

1/16 S 8 in W. half  
S 9 in E. half  
No 6 in N.  
1911 in S.

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

61.00 Road, brs. E. and W.

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

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

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

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

Land, level.

Soil, 2nd rate.

Brush, mesquite and sage.

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

Chains

N. 89° 58' E. on a random line bet. secs. 4 and 9, setting temp. cors. at intervals of 20.00 chs.

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

Thence I run

West on a true line bet. secs. 4 and 9.

Over level land, through brush.

20.00 Set an iron post for 1/16 sec. cor. No. 1, bet. secs. 4 and 9, (E 1/4) stamped on cap

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

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

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

1/4 S 4 in N. half  
S 9 1911 in S. half

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

60.00 Set an iron post for 1/16 sec. cor. No. 2, bet. secs. 4 and 9 (W 1/4), stamped in cap

No 2 1/16 S 4 in N. half  
S 9 1911 in S. half

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

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

Land, level.

Soil, 2nd rate.

Brush, mesquite and sage.

-----  
From the 1/16 sec. cor. No. 12, bet. secs. 8 and 9 (S 1/4) I run

N. 89° 58' E. on a random line through the middle of the S. half of sec. 9, setting temp. cors. at intervals of 20.00 chs.

80.04 Intersect the 1/16 sec. cor. No. 12, bet. secs. 9 and 10 (S 1/4).

Thence I run

S. 89° 58' W. on a true line through the middle of the S. half of sec. 9.

Over level land, through brush.

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

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

Chains

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

25.60 Ditch, course SW.

40.02 Set an iron post for 1/16 sec. cor. No. 10, bet. the SE.  
and SW. quarters of sec. 9, stamped on 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 1/2 ft. base, 1 1/2 ft. high,  
N. of cor.

55.70 Road, brs. NE. and SW.

60.03 Set an iron post for 1/16 sec. cor. No. 9, in the center  
of the SW 1/4 of sec. 9, stamped on 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 1/2 ft. base, 1 1/2 ft. high,  
N. of cor.

71.75 Adobe hut, brs. S., 100 lks. dist.

80.04 The 1/16 sec. cor. No. 12, bet. secs. 8 and 9 (S 1/2).

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

-----  
From the 1/4 sec. cor. bet. secs. 8 and 9, I run  
N. 89° 58' E. on a random line through the middle of  
sec. 9, setting temp. cors. at intervals of 20.00 chs.

80.00 Falls 4 lks. N. of the 1/4 sec. cor. bet. secs. 9 and 10.

Thence I run  
West on a true line through the middle of sec. 9.  
Over level land, through brush.

18.60 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. 9, stamped on 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.



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

Chains

40.00 Set an iron post for the center  $\frac{1}{4}$  sec. cor. of sec. 9, stamped in cap

C  $\frac{1}{4}$  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. 8, bet. the NW. and SW. quarters of sec. 9, stamped on 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 $\frac{1}{2}$  ft. base, 1 $\frac{1}{2}$  ft. high, N. of cor.

80.00 The  $\frac{1}{4}$  sec. cor. bet. secs. 8 and 9.

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

-----

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

N. 89° 58' E. on a random line through the middle of the N. half of sec. 9, setting temp. cors. at intervals of 20.00 chs.

80.08 Falls 4 lks. N. of the 1/16 sec. cor. No. 6, bet. secs. 9 and 10 (N $\frac{1}{2}$ ).

Thence I run

West on a true line through the middle of the N. half of sec. 9.

Over level land, through brush.

20.02 Set an iron post for 1/16 sec. cor. No. 5, in the center of the NE $\frac{1}{4}$  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 $\frac{1}{2}$  ft. base, 1 $\frac{1}{2}$  ft. high, N. of cor.

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

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

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise a mound of earth 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. 3, in the center of the NW $\frac{1}{4}$  of sec. 9, stamped on cap

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

Chains

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

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

79.00 Road, brs. NW. and SE.

80.08 The 1/16 sec. cor. No. 6, bet. secs. 8 and 9 (N 1/2).

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

-----  
April 25, 1911. At the cor. of secs. 4, 5, 8 and 9, I set  
off 13° 01' N. on the decl. arc, and at 11h 58m 05s a.m.,  
l.m.t., observe the sun on the meridian; the resulting  
lat. is 33° 11', which is within one minute of the pro-  
per lat.

-----  
N. 0° 02' W. on a random line bet. secs. 4 and 5, setting  
temp. cors. at intervals of 20.00 chs.

80.00 Falls 12 lks. W. of the cor. of secs. 4, 5, 32 and 33, on  
N. bdy. of Tp., previously described.

Thence I run

S. 0° 03' W. on a true line bet. secs. 4 and 5.

3.10 Road, brs. NW. and SE.

20.00 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.

40.00 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).

60.00 Set an iron post for 1/16 sec. cor. No. 12, bet. secs. 4  
and 5 (S 1/2), stamped on cap

1/16 S 5 in W. half  
S 4 in E. half  
No 12 in N., 1911 in S.

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

Chains

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

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

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

-----  
From the 1/16 sec. cor. No. 12, bet. secs. 4 and 5 (S½), I run

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

79.96 Intersect the 1/16 sec. cor. No. 12, bet. secs. 3 and 4 (S½).

Thence I run

West on a true line through the middle of the S. half of sec. 4.

Over level land, through brush.

19.99 Set an iron post for 1/16 sec. cor. No. 11, in the center of the SE¼ of sec. 4, stamped in cap

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

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

39.98 Set an iron post for 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 3½ ft. base, 1½ ft. high, N. of cor.

59.97 Set an iron post for the 1/16 sec. cor. No. 9, in the center of the SW¼ 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 3½ ft. base, 1½ ft. high, N. of cor.

79.96 The 1/16 sec. cor. No. 12, bet. secs. 3 and 4 (S½).

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

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

Chains

From the  $\frac{1}{4}$  sec. cor. bet. secs. 4 and 5, I run  
East on a random line through the middle of sec. 4, setting  
temp. cors. at intervals of 20.00 chs.

80.04 Intersect the  $\frac{1}{4}$  sec. cor. bet. secs. 3 and 4.

Thence I run

West on a true line through the middle of sec. 4.

Over level land, through brush.

4.00 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. 4, stamped in cap

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

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

C  $\frac{1}{4}$  S 4 in center  
1921 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.

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

No 8 in N.  
 $1/16$  S 4 in center  
1911 in E.

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.

80.04 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, setting temp. cors. at intervals of 20.00 chs.

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

Thence I run

S.  $89^{\circ} 59'$  W. on a true line through the middle of the N.  
half of sec. 4.

Over level land, through brush.

Subdivision of T. 3 S., R. 4 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. 4, stamped on 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.

27.00 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. 4, stamped on 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.

60.06 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 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 1/16 sec. cor. No. 6, bet. secs. 4 and 5 (N $\frac{1}{2}$ ).

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

April 25, 1911.

March 30, 1911. At 7h 00m a.m., l.m.t., I set off 33°07' on the lat. arc, 3° 31' 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., previously described.

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.

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

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

Chains

stamped in cap

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 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. 31  
and 32 (N 1/4), stamped on cap

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 1/2 ft. base, 1 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 4 E S 32 in SE. "  
S 31 in SW. "  
S 30 in NW. "  
1911 in S.  
1 notch on S. and 5 notches on N. 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.

-----  
N. 89° 51' E. on a random line bet. secs. 29 and 32.,  
setting temp. cors. at intervals of 20.00 chs.

80.12 Falls 5 lks. N. of the cor. of secs. 28, 29, 32 and 33.

Thence I run

S. 89° 53' W. on a true line bet. secs. 29 and 32.

Over level land, through brush.

20.03 Set an iron post for the 1/16 sec. cor. No. 1, bet. secs.  
29 and 32 (W 1/4), stamped in cap

No 1 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 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. 29 and 32,

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

Chains

stamped in cap

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 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).

60.09 Set an iron post for 1/16 sec. cor. No. 2, bet. secs. 29  
and 32 (W 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 1/2 ft. base, 1 1/2 ft. high,  
N. of cor.

80.12 The cor. of secs. 29, 30, 31 and 32.

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

-----  
From the 1/16 sec. cor. No. 12, bet. secs. 31 and 32, (S 1/2)  
I run

N. 89° 51' E. on a random line through the middle of the  
S. half of sec. 32, setting temp. cors. at intervals  
of 20.00 chs.

80.08 Falls 10 lks. N. of the 1/16 sec. cor. No. 12, bet. secs.  
32 and 33 (S 1/2).

Thence I run

S. 89° 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 the 1/16 sec. cor. No. 11, in the  
center of the SW 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 1/2 ft. base, 1 1/2 ft. high,  
N. of cor.

40.04 Set an iron post for 1/16 sec. cor. No. 10, bet. the NE.  
and SW. quarters of sec. 32, stamped in cap

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

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

Chains

of the SW $\frac{1}{4}$  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 $\frac{1}{2}$  ft. base, 1 $\frac{1}{2}$  ft. high,  
N. of cor.

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

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

-----

From the  $\frac{1}{4}$  sec. cor. bet. secs. 31 and 32, I run  
N. 89° 51' E. on a random line through the middle of sec.  
32, setting temp. cors. at intervals of 20.00 chs.

80.12 Falls 12 lks. N. of the  $\frac{1}{4}$  sec. cor. bet. secs. 32 and 33.

Thence I run  
S. 89° 56' W. on a true line through the middle of sec. 32.  
Over level land, through brush.

20.03 Set an iron post for 1/16 sec. cor. No. 7, bet. the NE.  
and SE. quarters of sec. 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 $\frac{1}{2}$  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. 32,  
stamped in cap

C  $\frac{1}{4}$  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.

60.09 Set an iron post for the 1/16 sec. cor. No. 8, bet. the  
NW. and SW. quarters of sec. 32, stamped on cap

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

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

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



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

## Chains

From the 1/16 sec. cor. No. 6, bet. secs. 31 and 32 (N $\frac{1}{2}$ )  
I run

N. 89° 51' E. on a random line through the middle of the  
N. half of sec. 32, setting temp. cors. at intervals of  
20.00 chs.

80.12 Falls 5 lks. S. of the 1/16 sec. cor. No. 6, bet. secs.  
32 and 33 (N $\frac{1}{2}$ ).

Thence I run

S. 89° 49' W. on a true line through the middle of the N.  
half of sec. 32.

Over level land, through brush.

20.03 Set an iron post for the 1/16 sec. cor. No. 5, in the  
center of the NE $\frac{1}{4}$  of sec. 32, stamped on 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 $\frac{1}{2}$  ft. base, 1 $\frac{1}{2}$  ft. high,  
N. of cor.

40.06 Set an iron post for the 1/16 sec. cor. No. 4, bet. the  
NE. and NW. quarters of sec. 32, stamped on 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 $\frac{1}{2}$  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. 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 $\frac{1}{2}$  ft. base, 1 $\frac{1}{2}$  ft. high,  
N. of cor.

80.12 The 1/16 sec. cor. No. 6, bet. secs. 31 and 32 (N $\frac{1}{2}$ ).

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

-----  
March 30, 1911. At the cor. of secs. 29, 30, 31 and 32,  
I set off 3° 34' N. on the decl. arc, and at 12h 4m 50s  
p.m., l.m.t., observe the sun on the meridian; the re-  
sulting lat. is 33° 08', which is within one minute of  
the proper lat.

-----  
Thence I run

S. 89° 51' W. on a random line bet. secs. 30 and 31,  
setting temp. cors. at intervals of 20.00 chs.

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

Chains

78.60 Falls 4 lks. N. of the cor. of secs. 25, 30, 31 and 36, on W. bdy. of Tp., previously described.

Thence I run

N. 89° 49' E. on a true line bet. secs. 30 and 31.

Over level land, through brush.

18.60 Set an iron post for the 1/16 sec. cor. No. 2, bet. secs. 30 and 31 (W $\frac{1}{2}$ ), stamped on 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.

38.60 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).

53.80 Road, brs. N. and S.

58.60 Set an iron post for 1/16 sec. cor. No. 1, bet. sec.s 30 and 31 (E $\frac{1}{2}$ ), stamped on 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.

59.00 Road, brs. NW. and SE.

78.60 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

S. 89° 51' W. on a random line through the middle of the S. half of sec. 31, setting temp. cors. at intervals of 20.00 chs.

78.64 Falls 6 lks. S. of the 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°54'E. on a true line through S.half of sec.31. Over level land, through brush.

18.64 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

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

Chains

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

38.64 Set an iron post for 1/16 sec. cor. No. 10, bet. the SE.  
and SW. quarters of sec. 31, stamped on 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 1/2 ft. base, 1 1/2 ft. high,  
N. of cor.

47.00 Road, brs. NE. and SW.

52.00 Road, brs. N. and S.

58.64 Set an iron post for 1/16 sec. cor. No. 11, in the center  
of the SE 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 1/2 ft. base, 1 1/2 ft. high,  
N. of cor.

78.64 The 1/16 sec. cor. No. 12, bet. secs. 31 and 32 (S 1/4).

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

-----

From the 1/4 sec. cor. bet. secs. 31 and 32, I run  
S. 89° 51' W. on a random line through the middle of sec.  
31, setting temp. cors. at intervals of 20.00 chs.

78.64 Falls 6 lks. S. of the 1/4 sec. cor. bet. secs. 31 and 36,  
on W. bdy. of Tp., previously described.

Thence I run

N. 89° 54' E. on a true line through the middle of sec. 31.  
Over level land, through brush.

18.64 Set an iron post for the 1/16 sec. cor. No. 8, bet. the  
EW. and SW. quarters of sec. 31, stamped on 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.

38.64 Set an iron post for center 1/4 sec. cor. of sec. 31,  
stamped on cap

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

Chains

C  $\frac{1}{4}$  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.

53.00 Road, brs. N. and S.

58.64 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 $\frac{1}{2}$  ft. base, 1 $\frac{1}{2}$  ft. high, N. of cor.

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

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

-----  
From the 1/16 sec. cor. No. 6, bet. secs. 31 and 32 (N $\frac{1}{2}$ ), I run

S. 89° 51' W. on a random line through the middle of the N. half of sec. 31, setting temp. cors. at intervals of 20.00 chs.

78.63 Falls 4 lks. S. of the 1/16 sec. cor. No. 6, bet. secs. 31 and 36 (N $\frac{1}{2}$ ), 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. 31.

Over level land, through brush.

18.63 Set an iron post for 1/16 sec. cor. No. 3, in the center of the NW $\frac{1}{4}$  of sec. 31, stamped on 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 3 $\frac{1}{2}$  ft. base, 1 $\frac{1}{2}$  ft. high, N. of cor.

38.63 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 3 $\frac{1}{2}$  ft. base, 1 $\frac{1}{2}$  ft. high, N. of cor.

52.70 Road, brs. N. and S.

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

Chains

58.63 Set an iron post for 1/16 sec. cor. No. 5, in the center of the NE 1/4 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 3 1/2 ft. base, 1 1/2 ft. high, N. of cor.

78.63 The 1/16 sec. cor. No. 6, bet. secs. 31 and 32, (N 1/2).

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

March 30, 1911.

April 6, 1911. At 7h 00m a.m., l.m.t., I set off 33° 08' on the lat. arc, 6° 12' 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

N. 0° 03' W. bet. secs. 29 and 30.

Over level land, through brush.

20.00 Set an iron post for 1/16 sec. cor. No. 12, bet. secs. 29 and 30 (S 1/2), stamped on 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 1/2 ft. base, 1 1/2 ft. high, W. of cor.

39.70 Road, brs. E. and W.

40.00 Set an iron post for 1/4 sec. cor. bet. secs. 29 and 30, stamped on cap

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 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. 29 and 30 (N 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 1/2 ft. base, 1 1/2 ft. high, W. of cor.

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

Chains

61.00 Road, brs. E. and W.

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 4 E S 29 in SE. "  
S 30 in SW. "  
S 19 in NW. "

1911 in S.

2 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.

N. 89° 53' E. on a random line bet. secs. 20 and 29, setting temp. cors. at intervals of 20.00 chs.

80.12 Intersect the cor. of secs. 20, 21, 28 and 29.

Thence I run

S. 89° 53' W. on a true line bet. secs. 20 and 29.

Over level land, through mesquite brush.

20.03 Set an iron post for 1/16 sec. cor. No. 1, bet. secs. 20 and 29 (E 1/2), stamped on 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.

36.00 Drain, course NW.

40.06 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.

60.09 Set an iron post for 1/16 sec. cor. No. 2, bet. secs. 20 and 29 (W 1/2), stamped on 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.

80.12 The cor. of secs. 29, 30, 31 and 32.

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

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

Chains

From the 1/16 sec. cor. No. 12, bet. secs. 29 and 30 ( $S\frac{1}{2}$ )  
 I run  
 N.  $89^{\circ} 53'$  E. on a random line through the middle of the  
 S. half of sec. 29, setting temp. cors. at intervals  
 of 20.00 chs.

80.12 Intersect the 1/16 sec. cor. No. 12, bet. secs. 28 and 29  
 ( $S\frac{1}{2}$ ).

Thence I run

S.  $89^{\circ} 53'$  W. on a true line through the middle of the S.  
 half of sec. 29.

Over level land, through low 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. 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  $3\frac{1}{2}$  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. 29, stamped on 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  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high,  
 N. of cor.

60.09 Set an iron post for 1/16 sec. cor. No. 9, in the center  
 of the  $SW\frac{1}{4}$  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  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high,  
 N. of cor.

80.12 The 1/16 sec. cor. No. 12, bet. secs. 29 and 30 ( $S\frac{1}{2}$ ).

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

-----

From the  $\frac{1}{4}$  sec. cor. bet. secs. 29 and 30, I run

N.  $89^{\circ} 53'$  E. on a random line ~~me~~ through the middle of  
 sec. 29, setting temp. cors. at intervals of 20.00 chs.

80.12 Falls 7 lks. S. of the  $\frac{1}{4}$  sec. cor. bet. secs. 28 and 29.

Thence I run

S.  $89^{\circ} 50'$  W. on a true line through the middle of sec. 29.

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

Chains

Over level land, through brush.

20.03 Set an iron post for 1/16 sec. cor. No. 7, bet. the NE. and SE. quarters of sec. 29, stamped on cap

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

30.75 Road, brs. N. and S.

40.06 Set an iron post for center 1/4 sec. cor. of sec. 29, stamped in cap

C 1/4 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 4 ft. base, 2 ft. high, N. of cor.

53.15 Drain, course SW.

60.09 Set an iron post for 1/16 sec. cor. No. 8, bet. the NW. and SW. quarters of sec. 29, stamped on 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 3 1/2 ft. base, 1 1/2 ft. high, N. of cor.

80.12 The 1/4 sec. cor. bet. secs. 29 and 30.

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

-----

From the 1/16 sec. cor. No. 6, bet. secs. 29 and 30 (N 1/2) I run

N. 89° 53' E. on a random line through the middle of the N. half of sec. 29, setting temp. cors. at intervals of 20.00 chs.

80.16 Falls 7 lks. S. of the 1/16 sec. cor. No. 12, bet. secs. 28 and 29 (S 1/2).

Thence I run

S. 89° 50' W. on a true line through the middle of the N. half of sec. 29.

Over level land, through brush.

7.10 Drain, course NW.

20.04 Set an iron post for 1/16 sec. cor. No. 5, in the center of the NE 1/4 of sec. 29, stamped in cap



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

Chains

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

40.08 Set an iron post for the 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 3 1/2 ft. base, 1 1/2 ft. high,  
N. of cor.

60.12 Set an iron post for the 1/16 sec. cor. No. 3, in the  
center of the NW 1/4 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 3 1/2 ft. base, 1 1/2 ft. high,  
N. of cor.

70.00 Road, brs. NW. and SE.

80.16 The 1/16 sec. cor. No. 6, bet. secs. 29 and 30 (N 1/2).

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

-----  
April 6, 1911. At the cor. of secs. 19, 20, 29 and 30,  
I set off 6° 15' N. on the decl. arc, and at 12h 03m  
p.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

S. 89° 49' W. on a random line bet. secs. 19 and 30,  
setting temp. cors. at intervals of 20.00 chs.

78.60 Falls 4 lks. S. of the cor. of secs. 19, 24, 25 and 30,  
on W. bdy. of Tp., previously described.

Thence I run

N. 89° 51' E. on a true line bet. secs. 19 and 30.

Over level land, through brush.

4.00 Indian hut, brs. N., 1.00 ch. dist.

13.00 Road, brs. NW. and SE.

17.50 Intersection of two roads, bearing NW. and SE. and NE.  
and SW.

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

## Chains

18.60 Set an iron post for 1/16 sec. cor. No. 2, bet. secs. 19 and 30 ( $W\frac{1}{2}$ ), stamped on 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  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high, N. of cor.

33.00 Road, brs. NE. and SW.

38.00 Road, brs. NW. and SE.

38.60 Set an iron post for  $\frac{1}{4}$  sec. cor. bet. secs. 19 and 30, stamped on 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.

58.60 Set an iron post for 1/16 sec. cor. No. 1, bet. secs. 19 and 30 ( $E\frac{1}{2}$ ), stamped in cap

No 1 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.

78.60 The cor. of secs. 19, 20, 29 and 30.

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

-----  
From the 1/16 sec. cor. No. 12, bet. secs. 29 and 30 ( $S\frac{1}{2}$ )  
I run

S.  $89^{\circ} 49'$  W. on a random line through the middle of the S. half of sec. 30, setting temp. cors. at intervals of 20.00 chs.

78.64 Falls 4 lks. S. of the 1/16 sec. cor. No. 12, bet. secs. 25 and 30 ( $S\frac{1}{2}$ ).

Thence I run

N.  $89^{\circ} 51'$  E. on a true line through the middle of the S. half of sec. 30.

Over level land, through brush.

18.64 Set an iron post for 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.  
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.

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

## Chains

38.64 Set an iron post for 1/16 sec. cor. No. 10, bet. the SE. and SW. quarters of sec. 30, stamped in cap

No 10 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.

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

58.64 Set an iron post for 1/16 sec. cor. No. 11, in the center of the SE¼ of sec. 30, stamped on cap

No 11 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.

78.64 The 1/16 sec. cor. No. 12, bet. secs. 29 and 30 (S½).

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

-----

From the ¼ sec. cor. bet. secs. 29 and 30, I run

S. 89° 49' W. on a random line through the middle of sec. 30, setting temp. cors. at intervals of 20.00 chs.

78.60 Falls 4 lks. S. of the ¼ sec. cor. bet. secs. 25 and 30, on W. bdy. of Tp., previously described.

Thence I run

N. 89° 51' E. on a true line through the middle of sec. 30.

Over level land, through brush.

18.60 Set an iron post for 1/16 sec. cor. No. 8, bet. the NW. and SW. quarters of sec. 30, stamped in cap

No 8 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.

38.60 Set an iron post for center ¼ sec. cor. of sec. 30, stamped in cap

C ¼ S 30 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.

50.00 Road, brs. N. and S.

58.60 Set an iron post for 1/16 sec. cor. No. 7, bet. the NE. and SE. quarters of sec. 30, stamped on cap

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

Chains

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

78.60 The 1/4 sec. cor. bet. secs. 29 and 30.

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

-----

From the 1/16 sec. cor. No. 6, bet. secs. 29 and 30, (N 1/2),  
I run

S. 89° 49' W. on a random line through the middle of the  
N. half of sec. 30, setting temp. cors. at intervals of  
of 20.00 chs.

78.60 Falls 14 lks. S. of the 1/16 sec. cor. No. 6, bet. secs. 29  
and 30 (N 1/2).

Thence I run

N. 89° 55' E. on a true line through the middle of the N.  
half of sec. 30.

Over level land, through brush.

9.60 Road, brs. N. and S.

18.60 Set an iron post for 1/16 sec. cor. No. 3, in the center  
of the NW 1/4 of sec. 30, stamped on 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 3 1/2 ft. base, 1 1/2 ft. high,  
N. of cor.

23.50 Road, brs. NW. and SE.

38.60 Set an iron post for 1/16 sec. cor. No. 4, bet. the NE.  
and NW. quarters of sec. 30, stamped on 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 3 1/2 ft. base, 1 1/2 ft. high,  
N. of cor.

58.60 Set an iron post for 1/16 sec. cor. No. 5, in the center  
of the NE 1/4 of sec. 30, stamped on cap

No 5 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 3 1/2 ft. base, 1 1/2 ft. high,  
N. of cor.

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

Chains

78.60 The 1/16 sec. cor. No. 6, bet. secs. 29 and 30 (N $\frac{1}{2}$ ).

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

April 6, 1911.

-----  
April 7, 1911. At 7h 00m a.m., l.m.t., I set off 33° 09' on the lat. arc, 6° 35' N. on the decl. arc, and determine a meridian with the solar, at the cor. of secs. 19, 20, 29 and 30.

Thence I run

N. 0° 03' W. bet. secs. 19 and 20.

Over level land, through brush.

5.90 Ditch, 10 lks. wide, course NW.

17.50 Ditch, 10 lks. wide, course W.

20.00 Set an iron post for 1/16 sec. cor. No. 12, bet. secs. 19 and 20, (S $\frac{1}{2}$ ), 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.

21.20 Road, brs. NE. and SW. Leave brush, enter field, brs, NW. and SE.

39.00 Indian hut, brs. E., 1.00 ch. dist.

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

41.00 Road, brs. NW. and SE.

41.20 Fence, brs. NW. and SE.

Leave field, enter brush, brs. E. and W.

41.85 Ditch, 10 lks. wide, course NW.

54.53 Left bank of Gila River, course W.; bank, 5 ft. high.

Set an iron post for M.C. of frac. secs. 19 and 20, stamped in cap

M C in N.  
T 3 S S 19 in SW.  
R 4 E S 20 in SE.  
1911 in S.  
5 notches on E. edge

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

Chains

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

Thence in river; over sand bar.

60.00 Point for 1/16 sec. cor. No. 6, bet. secs. 19 and 20, N $\frac{1}{2}$  falls in Gila River, on sand bar.

80.00 Point for cor. of secs. 17, 18, 19 and 20, falls in Gila River, on sand bar.

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

-----  
From the 1/16 sec. cor. No. 12, bet. secs. 19 and 20, (S $\frac{1}{2}$ ) I run

N. 89° 53' E. on a random line through the middle of the S. half of sec. 20, setting temp. cors. at intervals of 20.00 chs.

80.12 Falls 10 lks. N. of the 1/16 sec. cor. No. 12, bet. secs. 20 and 21 (S $\frac{1}{2}$ )

Thence I run

S. 89° 57' W. on a true line through the middle of the S. half of sec. 20.

Over level land, through brush.

1.35 Ditch, 8 lks. wide, course NW.

8.00 Leave brush, enter fields, bearing N. 30° E. and S. 30° W.

13.00 Ditch, 12 lks. wide, course N. 80° 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. 20, stamped on cap

No 11 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 $\frac{1}{2}$  ft. base, 1 $\frac{1}{2}$  ft. high, N. of cor.

30.00 Road, brs. NW. and SE.

34.00 Fence, brs. N. 30° E. and S. 30° W.

40.06 Set an iron post for 1/16 sec. cor. No. 10, bet. the SE. and SW. quarters of sec. 20, stamped in cap

No 10 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 $\frac{1}{2}$  ft. base, 1 $\frac{1}{2}$  ft. high, N. of cor.

43.00 Fence, brs. N. and S.

BOOK PAGE

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

Chains

60.09 Set an iron post for 1/16 sec. cor. No. 9, in the center of the SW 1/4 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 3 1/2 ft. base, 1 1/2 ft. high, N. of cor.

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

68.00 Leave fields; enter brush, brs. N. 30° E. and S. 30° W.

80.12 The 1/16 sec. cor. No. 12, bet. secs. 19 and 20 (S 1/2).

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

-----

From the 1/4 sec. cor. bet. secs. 19 and 20, I run N. 89° 53' E. on a random line through the middle of sec. 20, setting temp. cors. at intervals of 20.00 chs.

80.08 Intersect the 1/4 sec. cor. bet. secs. 20 and 21.

Thence I run

S. 89° 53' W. on a true line through the middle of sec. 20.

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. 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 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. 20, stamped in cap

0 1/4 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.

52.00 Leave brush; enter cultivated field, brs. N. and S.

56.10 Road, brs. NE. and SW.

57.00 Indian hut, brs. S., 2.00 chs. dist.

60.06 Set an iron post for 1/16 sec. cor. No. 8, bet. the NW. and SW. quarters of sec. 20, stamped in cap

No 8 in N.  
1/16 S 20 in center  
1911 in S.

Subdivision of T. 3 S., R. 4 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.
64.00	Fence, brs. N. and S.
79.00	Fence, brs. NW. and SE.
79.40	Road, brs. NW. and SE. Leave field; enter brush.
80.08	The $\frac{1}{4}$ sec. cor. bet. secs. 19 and 20.
	Land, level. Soil, 2nd rate. Brush, mesquite.
	-----
	From the 1/16 Sec. cor. No. 7, bet. the NE. and SE. quarters of sec. 20, I run
	N. 0° 02' W. through the middle of the NW $\frac{1}{4}$ of sec. 20.
	Over level land, through brush.
14.70	Left bank of Gila River, course W., 8 ft. high.
	Set an iron post for 1/16 M.C. of frac. sec. 20, stamped on cap
	M C in N. 1/16 S 20 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.
	-----
	From the center $\frac{1}{4}$ sec. cor. of sec. 20, I run
	N. 0° 02' W. through the middle of sec. 20.
8.10	Road, brs. NE. and SW.
10.85	Left bank of Gila River, course W.; 8 ft. high.
	Set an iron post for 1/16 M.C. of frac. sec. 20, stamped on cap
	M C in N. 1/16 S 20 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.
	-----
	From the 1/16 sec. cor. No. 8, bet. the NW. and SW. quarters of sec. 20, I run
	N. 0° 02' W. through the middle of the NW $\frac{1}{4}$ of sec. 20.



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

Chains

Over level land, through field.

2.00 Leave field; enter brush, brs. E. and W.

10.40 Left bank of Gila River, course W.; 8 ft. high.

Set an iron post for 1/16 M.C. of frac. sec. 20, stamped on cap

M C in N.  
1/16 S 20 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.

Cloudy at Neon today; no observation for lat. April 7, 1911.

-----  
From the 1/16 sec. cor. No. 12, bet. secs. 19 and 20 (S 1/2)  
I run

S. 89° 51' W. on a random line through the middle of the S. half of sec. 19, setting temp. cors. at intervals of 20.00 chs.

78.67 Falls 16 lks. S. of the 1/16 sec. cor. No. 12, bet. secs. 19 and 24 (S 1/2).

Thence I run

N. 89° 58' E. on a true line through the middle of the S. half of sec. 19.

Over level land, through brush.

1.70 Road, brs. N. and S.

18.67 Set an iron post for 1/16 sec. cor. No. 9, in the center of the SW 1/4 of sec. 19, stamped on 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 1/2 ft. base, 1 1/2 ft. high, N. of cor.

38.67 Set an iron post for 1/16 sec. cor. No. 10, bet. the SE. and SW. quarters of sec. 19, stamped on 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 1/2 ft. base, 1 1/2 ft. high, N. of cor.

54.00 Fence, brs. N. and S.

59.00 Fence, brs. N. and S.

58.67 Set an iron post for 1/16 sec. cor. No. 11, in the center

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

Chains

of the SW $\frac{1}{4}$  of sec. 19, stamped on 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.

76.50 Ditch, 15 lks. wide, course NW.

77.00 Road, brs. NE. and SW.

78.67 The 1/16 sec. cor. No. 12, bet. secs. 19 and 20 (S $\frac{1}{4}$ ).

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

-----

From the  $\frac{1}{4}$  sec. cor. bet. secs. 19 and 20, I run  
S. 89° 51' W. on a random line through the middle of sec.  
19, setting temp. cors. at intervals of 20.00 chs.

78.56 Falls 7 lks. S. of the  $\frac{1}{4}$  sec. cor. bet. secs. 19 and 24,  
on W. bdy. of Tp., previously described.

Thence I run

N. 89° 54' E. on a true line through the middle of sec.19.  
Over level land, through brush.

8.00 Leave brush; enter cultivated field.

18.56 Set an iron post for 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.

36.00 Fence, brs. N. and S.

38.56 Set an iron post for center  $\frac{1}{4}$  sec. cor. of sec. 19,  
stamped on 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.

43.00 Ditch, 10 lks. wide, course NW.

46.00 Fence, brs. N. and S.

54.00 Indian hut, brs. S., 1.00 ch. dist.

58.56 Set an iron post for 1/16 sec. cor. No. 7, bet. the NE.

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

Chains

and SE. quarters of sec. 19, stamped on 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 1/2 ft. base, 1 1/2 ft. high,  
N. of cor.

63.20 Fence, brs. N. and S.

78.56 The 1/4 sec. cor. bet. secs. 19 and 20.

Land, level.  
Soil, 2ndrate.  
Brush, mesquite.

-----

From the point for 1/16 sec. cor. No. 6, bet. secs. 19  
and 20 (N 1/2), which is in river bed on sand bar, I run

S. 89° 53' W. on a random line through the middle of the  
N. half of sec. 19, setting temp. cors. at intervals of  
20.00 chs.

78.63 Falls 1/4 lks. S. of the 1/16 sec. cor. No. 6, bet. secs. 19  
and 24 (N 1/2),

Thence I run

N. 89° 55' E. on a true line through the middle of the  
N. half of sec. 19.

Over level land, through fields.

18.63 Set an iron post for 1/16 sec. cor. No. 3, in the center  
of the NW 1/4 of sec. 19, stamped on 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 1/2 ft. base, 1 1/2 ft. high,  
N. of cor.

38.63 Set an iron post for 1/16 sec. cor. No. 4, bet. the NE.  
and NW. quarters of sec. 19, stamped on 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 1/2 ft. base, 1 1/2 ft. high,  
N. of cor.

41.63 Road, brs. NW. and SE.

52.00 Leave fields; enter arrow weed.

58.63 Set an iron post for 1/16 sec. cor. No. 5, in the center  
of the NE 1/4 of sec. 19, stamped on cap

No 5 in N.  
1/16 S 19 in center  
1911 in S.

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

71.63 Left bank of Gila River, course NW.; bank, 8 ft. high.  
Set an iron post for 1/16 M.C. of frac. sec. 19, stamped on cap

M C in E.  
1/16 S 19 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 bed of river.

78.63 The point for 1/16 sec. cor. No. 6, bet. secs. 19 and 20 (N 1/2), in bed of Gila River.

Land, level.  
Soil, 2nd rate.

-----

From the 1/16 sec. cor. No. 5, in the center of the NE 1/4 of sec. 19, I run

N. 0° 03' W. through the E. half of sec. 19.

Over level land, through brush.

6.90 Left bank of Gila River, course W.; bank, 8 ft. high.

Set an iron post for 1/16 M.C. of frac. sec. 19, stamped on cap

M C in N.  
1/16 S 19 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.

-----

From the 1/16 sec. cor. No. 4, bet. the NE. and NW. quarters of sec. 19, I run

N. 0° 03' W. through the middle of sec. 19.

Over level land, through cultivated field.

2.50 Brush fence, brs. E. and W. Leave field, enter brush, brs. E. and W.

2.65 Road, brs. E. and W.

11.20 Left bank of Gila River, course W.; bank, 8 ft. high.

Set an iron post for 1/16 M.C. of frac. sec. 19, stamped on cap

M C in N.  
1/16 S 19 1911 in S.

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

Chains

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.



From the 1/16 sec. cor. No. 3, in the center of the NW 1/4 of sec. 19, I run

N. 0° 03' W. through the W. half of sec. 19.

Over level land, through cultivated fields.

7.85 Left bank of Gila River, course W.; bank, 8 ft. high.

Set an iron post for 1/16 M.C. of frac. sec. 19, stamped on cap

M C in N.  
1/16 S 19 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.  
No brush.

April 7, 1911.



April 20, 1911. At 7 a.m., l.m.t., I set off 33° 10' on the lat. arc, 11° 17' N. on the decl. arc, and determine a meridian with the solar, at the point for cor. of secs. 17, 18, 19 and 20, in bed of Gila River.

Thence I run

N. 0° 03' W. bet. secs. 17 and 18.

Over level river bed.

20.00 Point for 1/16 sec. cor. No. 12, bet. secs. 17 and 18 (8 1/2) falls in bed of river.

25.90 Water's edge - S. side of Gila River.

26.92 Water's edge - N. side of Gila River.

40.00 Point for 1/4 sec. cor. falls on overflow land.  
Set post for temp. cor.

44.11 Right bank of Gila River, course NW.; bank, 3 ft. high.

Set an iron post for M.C. of frac. secs. 17 and 18, stamped in cap

M C 1911 in S.  
T 3 S S 17 in NE.  
R 4 E S 18 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. 4 E.

## Chains

Enter willow brush.

60.00 Set an iron post for 1/16 sec. cor. No. 6, bet. secs. 17 and 18 ( $N\frac{1}{2}$ ), 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.

77.00 Leave willow brush; enter mesquite and sage brush.  
Road, brs. E. and W.

80.00 Set an iron post for the cor. of secs. 7, 8, 17 and 18, stamped in cap

T 3 S 8 8 in NE. quadrant  
R 4 E S 17 in SE. "  
S 18 in SW. "  
S 7 in NW. "

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.

Land, level. River bed, 36.15 chs.

Soil, 2nd rate.

Brush, mesquite and willow and sage.

-----  
N.  $89^{\circ} 51'$  E. on a random line bet. secs. 8 and 17, setting temp. cors. at intervals of 20.00 chs.

80.08 Falls 10 lks. N. of the cor. of secs. 8, 9, 16 and 17.

Thence I run

S.  $89^{\circ} 55'$  W. on a true line bet. secs. 8 and 17.

Over level land, through mesquite and sage brush.

20.02 Set an iron post for 1/16 sec. cor. No. 1, bet. secs. 8 and 17 ( $E\frac{1}{2}$ ), stamped on 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.

37.00 Road, brs. N. and S.

40.04 Set an iron post for  $\frac{1}{4}$  sec. cor. bet. secs. 8 and 17, stamped on cap

$\frac{1}{4}$  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.

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

Chains

52.00 Road, brs. NE. and SW.

60.06 Set an iron post for 1/16 sec. cor. No. 2, bet. secs. 8 and 17 (W $\frac{1}{2}$ ), stamped on 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.

72.00 Ditch, 10 lks. wide, course NW.

80.08 The cor. of secs. 8, 9, 16 and 17.

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

-----  
From the 1/16 sec. cor. No. 6, bet. secs. 17 and 18 (N $\frac{1}{2}$ ), I run

N. 89° 51' E. on a random line through the middle of the N. half of sec. 17, setting temp. cors. at intervals of 20.00 chs.

80.12 Falls 5 lks. N. of the 1/16 sec. cor. No. 6, bet. secs. 18 and 19 (N $\frac{1}{2}$ ).

Thence I run

S. 89° 53' W. on a true line through the middle of the N. half of sec. 17.

Over level land, through brush.

20.03 Set an iron post for 1/16 sec. cor. No. 5, in the center of the NE $\frac{1}{4}$  of sec. 17, stamped on 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.

28.55 Road, brs. N. and S.

40.06 Set an iron post for 1/16 sec. cor. No. 4, bet. the NE. and NW. quarters of sec. 17, stamped on cap

No 4 in N.  
1/16 S 17 in center  
1911 in S.

Dig pits 16x16x12 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. 17, stamped in cap

No 3 in N.  
1/16 S 17 in center  
1911 in S.

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

80.12 The 1/16 sec. cor. No. 6, bet. secs. 17 and 18 (N 1/2).

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

-----  
From the point for 1/4 sec. cor. bet. secs. 17 and 18, I run

N. 89° 51' E. on a random line through the middle of sec. 17, setting temp. cors. at intervals of 20.00 chs.

80.12 Falls 10 lks. N. of the 1/4 sec. cor. bet. secs. 16 and 17.

Thence I run

S. 89° 55' W. on a true line through the middle of sec. 17.

Over level land, through brush.

20.03 Set an iron post for 1/16 sec. cor. No. 7, bet. the NE. and SE. quarters of sec. 17, stamped on 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.

28.45 Road, brs. N. and S.

40.06 Set an iron post for center 1/4 sec. cor. of sec. 17, stamped on 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.

60.09 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 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.

72.60 Right bank of Gila River, course NW.; bank, 4 ft. high.

Set an iron post for 1/16 M.C. of frac. sec. 17, stamped on cap

M C in W.  
1/16 S 17 in E.  
1911 in S.

Dig a pit 36x36x12 ins. 8 ft. E. of post; and raise a



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

Chains

mound of earth 4 ft. base, 2 ft. high, E. of cor.

Thence over bed of Gila River.

80.12 Point for 1/4 sec. cor. bet. secs. 17 and 18, in bed of Gila River.

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

-----

April 20, 1911. At the 1/16 sec. cor. No. 7, bet. the NE. and SE. quarters of sec. 17, I set off 11° 20' N. on the decl. arc, and at 11h 59m 55s 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 (from the above 1/16 sec. cor.) , S. 0° 02' E. on a true line through the S. half of sec.17. Over level land, through brush.

20.00 Right bank of Gila River, course SW.

Set an iron post for 1/16 sec. cor. No. 11, in the center of the SE 1/4 of sec. 17, and also for 1/16 M.C., stamped on cap

M C 1911 in S.  
1/16 S 17 in center  
No 11 in N.

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.

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

-----

From the center 1/4 sec. cor. of sec. 17, I run S. 0° 02' E. on a true line through the middle of sec.17. Over level land, through brush.

20.00 Set an iron post for 1/16 sec. cor. No. 10, bet. the SE. and SW. quarters of sec. 17, stamped on 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 1/2 ft. base, 1 1/2 ft. high, N. of cor.

29.45 Right bank of Gila River, course NW.

Set an iron post for 1/16 M.C. of frac. sec. 17, stamped on cap

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

Chains

M C 1911 in S.  
1/16 S 17 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, dense arrow weed, sage and mesquite.

-----

From the 1/16 sec. cor. No. 8, bet. the NW. and SW. quarters of sec. 17, I run

S. 0° 02' E, on a true line through the W. half of sec. 17.

Over level land, through brush.

15.00 Right bank of Gila River, course NW.

Set an iron post for 1/16 M.C. of frac. sec. 17, stamped on cap

M C 1911 in S.  
1/16 S 17 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, arrow weed, sage and mesquite.

-----

From the 1/16 sec. cor. No. 10, bet. the SE. and SW. quarters of sec. 17, I run

N. 89° 51' E, on a random line through the middle of the S. half of sec. 17.

20.00 Intersect the 1/16 sec. cor. No. 11, in the center of the SE $\frac{1}{4}$  of sec. 17.

Thence I run

S. 89° 51' W, on a true line through the middle of the S. half of sec. 17.

Over level land, through brush.

20.00 The 1/16 sec. cor. No. 10, bet. the SE. and SW. quarters of sec. 17.

36.70 Right bank of Gila River, course NW.; bank, 3 ft. high.

Set an iron post for 1/16 M.C. of frac. sec. 17, stamped on cap

M C in W.  
1/16 S 17 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, sage, arrow weed and mesquite.

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

From the cor. of secs. 7, 8, 17 and 18, I run

S. 89° 51' W. on a random line bet. secs. 7 and 18,  
setting temp. cors. at intervals of 20.00 chs.

78.60 Falls 16 lks. S. of the cor. of secs. 7, 12, 13 and 18,  
on W. bdy. of Tp., previously described.

Thence I run

N. 89° 58' E. on a true line bet. secs. 7 and 18.

Over level land, through brush.

16.00 Road, brs. NW. and SE.

18.60 Set an iron post for 1/16 sec. cor. No. 2, bet. secs. 7  
and 18 (W $\frac{1}{2}$ ), stamped on 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.

36.60 Road, brs. NE. and SW.

38.60 Set an iron post for  $\frac{1}{4}$  sec. cor. bet. secs. 7 and 18,  
stamped on 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.

58.60 Set an iron post for 1/16 sec. cor. No. 1, bet. secs. 7  
and 18 (E $\frac{1}{2}$ ), stamped on 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.

74.50 Road, brs. N. and S.

78.60 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. 6, bet. secs. 17 and 18, (N $\frac{1}{2}$ ),  
I run

S. 89° 51' W. on a random line through the middle of the  
N. half of sec. 18, setting temp. cors. at intervals  
of 20.00 chs.

78.60 Falls 10 lks. S. of the 1/16 sec. cor. No. 6, bet. secs.  
13 and 18 (N $\frac{1}{2}$ ), on W. bdy. of Tp., previously described.

Thence I run

N. 89° 55' E. on a true line through the middle of the N.

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

Chains

half of sec. 18.

Over level land, through brush.

18.60 Set an iron post for 1/16 sec. cor. No. 3, in the center of the NW 1/4 of sec. 18, stamped on cap

No 3 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.

38.60 Set an iron post for 1/16 sec. cor. No. 4, bet. the NE and NW quarters of sec. 18, stamped on cap

No 4 in N.  
1/16 S 18 in center  
1911 in S.

Dig pits 18x18x12 ins. N. 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.

58.60 Set an iron post for 1/16 sec. cor. No. 5, in the center of the NE 1/4 of sec. 18, stamped on cap

No 5 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.

78.60 The 1/16 sec. cor. No. 6, bet. secs. 17 and 18 (NE 1/4).

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

-----

From the 1/16 sec. cor. No. 5, in the center of the NE 1/4 of sec. 18, I run

S. 0° 03' E. on a true line through the NE 1/4 of sec. 18.

Over level land, through brush.

5.60 Right bank of Gila River, course W.; bank, 3 ft. high.

Set an iron post for 1/16 M.C. of frac. sec. 18, stamped on cap

M C 1911 in S.  
1/16 S 18 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.

-----

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

Chains

From the 1/16 sec. cor. No. 4, bet. the NE. and NW. Quar-  
ters of sec. 18, I run  
S. 0° 03' E. on a true line through the middle of sec. 18.  
Over level land, through brush.

7.50 Right bank of Gila River, course SW.; bank, 3 ft. high.

Set an iron post for 1/16 M.C. of frac. sec. 18, stamped  
on cap

M C 1911 in S.  
1/16 S 18 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. 3, in the center of the NW $\frac{1}{4}$   
of sec. 18, I run

S. 0° 03' E. on a true line through the NW $\frac{1}{4}$  of sec. 18.  
Over level land, through brush.

16.75 Right bank of Gila River, course NW.

Set an iron post for 1/16 ~~XXXX~~ M.C. of frac. sec. 18,  
stamped on cap

M C 1911 in S.  
1/16 S 18 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.

April 20, 1911.

-----  
April 26, 1911. At 7.00 a.m., l.m.t., I set off 33° 10'  
on the lat. arc, 13° 18' N. on the decl. arc, and deter-  
mine a meridian with the solar, at the cor. of secs. 7,  
8, 17 and 18.

Thence I run

N. 0° 03' W. bet. secs. 7 and 8.

Over level land, through brush.

3.00 Irrigation ditch, 10 lks. wide, brs. NW. and SE.

20.00 Set an iron post for 1/16 sec. cor. No. 12, bet. secs.  
7 and 8 (S $\frac{1}{4}$ ), stamped on cap

1/16 S 7 in W. half  
S 8 in E. half  
No 12 in N.  
1911 in S.

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

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

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

¼ S 7 in W. half  
 S 8 in E. half  
 1911 in S.

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

59.25 Road, brs. E. and W.

60.00 Set an iron post for 1/16 sec. cor. No. 6, bet. secs. 7  
 and 8 (N½), stamped on 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 3½ ft. base, 1½ ft. high,  
 W. of cor.

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 4 E S 8 in SE. "  
 S 7 in SW. "  
 S 6 in NW. "  
 1911 in S.  
 5 notches on E. and S. edges

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

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

-----  
 N. 89° 55' E. on a random line bet. secs. 5 and 8, setting  
 temp. cors. at intervals of 20.00 chs.

80.00 Falls 12 lks. N. of the cor. of secs. 4, 5, 8 and 9.

Thence I run  
 West on a true line bet. secs. 5 and 8.  
 Over level land, through brush.

2.60 Road, brs. N. and S.

20.00 Set an iron post for 1/16 sec. cor. No. 1, bet. secs. 5  
 and 8 (E½), stamped on cap

No 1 1/16 S 5 in N. half  
 S 8 1911 in S. half

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

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

- Chains  
 23.70 Road, brs. NE. and SW.  
 40.00 Set an iron post for  $\frac{1}{4}$  sec. cor. bet. secs. 5 and 8,  
 stamped on cap
- $\frac{1}{4}$  S 5 in N. half  
 S 8 1911 in S. half
- Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.;  
 and raise a mound of earth  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high,  
 N. of cor.
- 60.00 Set an iron post for  $\frac{1}{16}$  sec. cor. No. 2, bet. secs. 5  
 and 8 ( $W\frac{1}{2}$ ), stamped on cap
- No 2  $\frac{1}{16}$  S 5 in N. half  
 S 8 1911 in S. half
- Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.;  
 and raise a mound of earth  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high,  
 N. of cor.
- 80.00 The cor. of secs. 5, 6, 7 and 8.
- Land, level.  
 Soil, 2nd rate.  
 Brush, mesquite and sage.
- 
- From the  $\frac{1}{16}$  sec. cor. No. 12, bet. secs. 7 and 8 ( $S\frac{1}{2}$ ),  
 I run
- N.  $89^{\circ} 55'$  E. on a random line through the middle of the  
 S. half of sec. 8, setting temp. cors. at intervals of  
 20.00 chs.
- 80.04 Falls 4 lks. N. of the  $\frac{1}{16}$  sec. cor. No. 12, bet. secs.  
 3 and 9 ( $S\frac{1}{2}$ ).
- Thence I run
- S.  $89^{\circ} 57'$  W. on a true line through the middle of the  
 S. half of sec. 8.
- Over level land, through brush.
- 20.01 Set an iron post for  $\frac{1}{16}$  sec. cor. No. 11, in the center  
 of the  $SE\frac{1}{4}$  of sec. 9, stamped in cap
- No 11 in N.  
 $\frac{1}{16}$  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.
- 32.70 Road, brs. NE. and SW.
- 39.00 Road, brs. NW. and SE.
- 40.02 Set an iron post for  $\frac{1}{16}$  sec. cor. No. 10, bet. the SE.  
 and SW. quarters of sec. 8, stamped on cap
- No 10 in N.  
 $\frac{1}{16}$  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. 4 E.

Chains

60.03 Set an iron post for 1/16 sec. cor. No. 9, in the center of the SW 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 1/2 ft. base, 1 1/2 ft. high, N. of cor.

80.04 The 1/16 sec. cor. No. 12, bet. secs. 7 and 8 (S 1/4).

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

-----

From the 1/4 sec. cor. bet. secs. 7 and 8, I run N. 89° 55' E. on a random line through the middle of sec. 8, setting temp. cors. at intervals of 20.00 chs.

80.00 Falls 10 lks. N. of the 1/4 sec. cor. bet. secs. 8 and 9.

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

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

27.30 Road, brs. NE. and SW.

40.00 Set an iron post for the center 1/4 sec. cor. of sec. 8, stamped in cap

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

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

58.00 Road, 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. 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.

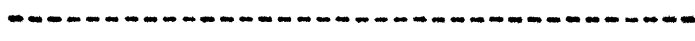
80.00 The 1/4 sec. cor. bet. secs. 7 and 8.



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

Chains

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



From the 1/16 sec. cor. No. 6, bet. secs. 7 and 8 (N $\frac{1}{2}$ ),  
I run

N. 89° 55' E. on a random line through the middle of the  
N. half of sec. 8, setting temp. cors. at intervals of  
20.00 chs.

79.96 Falls 11 lks. N. of the 1/16 sec. cor. No. 6, bet. secs.  
8 and 9. (N $\frac{1}{2}$ ).

Thence I run

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

Over level land, through brush.

19.99 Set an iron post for 1/16 sec. cor. No. 5, in the center  
of the NE $\frac{1}{4}$  of sec. 8, stamped on cap

No 5 in N.  
1/16 S S 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.

24.00 Read, brs. N. and S.

39.98 Set an iron post for 1/16 sec. cor. No. 4, bet. the NE.  
and NW. quarters of sec. 8, stamped on cap

No 4 in N.  
1/16 S S 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.

57.00 Read, brs. N. and S.

59.97 Set an iron post for 1/16 sec. cor. No. 3, in the center  
of the NW $\frac{1}{4}$  of sec. 8, stamped on cap

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

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

79.96 The 1/16 sec. cor. No. 6, bet. secs. 7 and 8. (N $\frac{1}{2}$ ).

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

April 26, 1911.



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

## Chains

April 27, 1911. At 8.00 a.m., l.m.t., I set off  $33^{\circ} 11'$  on the lat. arc,  $13^{\circ} 37'$  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

S.  $89^{\circ} 58'$  W. on a random line bet. secs. 6 and 7, setting temp. cors. at intervals of 20.00 chs.

78.62 Falls 4 lks. S. of the cor. of secs. 1, 6, 7 and 12, on W. bdy. of Tp., previously described.

Thence I run

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

Over level land, through brush.

1.00 Road, brs. N. and S.

18.62 Set an iron post for  $1/16$  sec. cor. No. 2, bet. secs. 6 and 7, ( $W\frac{1}{2}$ ), stamped on 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.

38.62 Set an iron post for the  $\frac{1}{4}$  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.

58.62 Set an iron post for  $1/16$  sec. cor. No. 1, bet. secs. 6 and 7 ( $E\frac{1}{2}$ ), stamped on 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.

78.62 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, ( $S\frac{1}{2}$ ) I run

S.  $89^{\circ} 58'$  W. on a random line through the middle of the S. half of sec. 7, setting temp. cors. at intervals of 20.00 chs.

78.62 Falls 3 lks. N. of the  $1/16$  sec. cor. No. 12, bet. secs. 7 and 12 ( $S\frac{1}{2}$ ), on W. bdy. of Tp., previously described.

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

Chains

Thence I run

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

Over level land, through brush.

1.65 Road, brs. N. and S.

18.62 Set an iron post for 1/16 sec. cor. No. 9, in the center of the SW $\frac{1}{4}$  of sec. 7, stamped on 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.

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

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

A mesquite 12 ins. dia. brs. N. 69 $\frac{1}{2}$ ° E., 26 lks. dist.  
Mkd. 1/16 S 7 B T.

A mesquite 12 ins. dia. brs. S. 47° 20' E., 26 lks. dist.  
Mkd. 1/16 S 7 B T.

58.62 Set an iron post for 1/16 sec. cor. No. 11, in the center of the SW $\frac{1}{4}$  of sec. 7, stamped on cap

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

A mesquite 14 ins. dia. brs. S. 61° 32' E., 106 lks. dist.  
Mkd. 1/16 S 7 B T.

A mesquite 14 ins. dia. brs. S. 14° W., 176 lks. dist.  
Mkd. 1/16 S 7 B T.

78.62 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

S. 89° 58' W. on a random line through the middle of sec. 7, setting temp. cors. at intervals of 20.00 chs.

78.60 Falls 9 lks. N. of the  $\frac{1}{4}$  sec. cor. bet. secs. 7 and 12, on W. bdy. of Tp., previously described.

Thence I run

N. 89° 54' E. on a true line through the middle of sec. 7.

Over level land, through brush.

.60 Road, brs. N. and S.

18.60 Set an iron post for 1/16 sec. cor. No. 8, bet. the NW.

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Chains

and SW. quarters of sec. 7, stamped on 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 3 1/2 ft. base, 1 1/2 ft. high,  
N. of cor.

38.60 Set an iron post for center 1/4 sec. cor. of sec. 7,  
stamped on cap

C 1/4 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.

58.60 Set an iron post for 1/16 sec. cor. No. 7, bet. the NE.  
and SE. quarters of sec. 7, stamped on 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 3 1/2 ft. base, 1 1/2 ft. high,  
N. of cor.

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

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

-----  
from the 1/16 sec. cor. No. 6, bet. secs. 7 and 8 (N 1/2),  
I run

S. 89° 58' W. on a random line through the middle of the  
N. half of sec. 7, setting temp. cors. at intervals of  
20.00 chs.

78.56 Falls 4 lks. N. of the 1/16 sec. cor. No. 6, bet. secs. 7  
and 12, (N 1/2), on W. bdg. of Tp., previously described.

Thence I run

N. 89° 56' E. on a true line through the middle of the  
N. half of sec. 7.

Over level land, through brush.

18.56 Set an iron post for 1/16 sec. cor. No. 3, in the center  
of the NW 1/4 of sec. 7, stamped on cap

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

A mesquite 12 ins. dia. brs. S. 20° W., 15 lks. dist.  
Mkd. 1/16 S 7 B T.

No other B.T. available.

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

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Chains

and raise a mound of earth 3½ ft. base, 1½ ft. high, N. of cor.

36.00 Enter mesquite timber, brs. N. and S.

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

No 4 in N.  
1/16 S 7 in center  
1911 in S., from which

A mesquite 14 ins. dia. brs. S. 24° W., 13 lks. dist.  
Mkd. 1/16 S 7 B T.

A mesquite 18 ins. dia. brs. S. 67° E., 76 lks. dist.  
Mkd. 1/16 S 7 B T.

44.00 Leave timber, brs. N. and S.

58.56 Set an iron post for 1/16 sec. cor. No. 5, in the center of the NE¼ of sec. 7, stamped on 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 3½ ft. base, 1½ ft. high, N. of cor.

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

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

April 27, 1911.

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April 26, 1911. At the cor. of secs. 5, 6, 7 and 8, 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° 11', which is within one minute of the proper lat.

-----  
Thence I run

N. 0° 03' W. on a random line bet. secs. 5 and 6, setting temp. cors. at intervals of 20.00 chs.

80.00 Falls 4 lks. W. of the cor. of secs. 5, 6, 31 and 32, on N. bdy. of Tp., previously described.

Thence I run

S. 0° 01' E. on a true line bet. secs. 5 and 6.

Over level land, through brush.

20.00 Set an iron post for 1/16 sec. cor. No. 6, bet. ~~xxxx~~ secs. 5 and 6 (E½), stamped on cap

1/16 S 6 in W. half  
S 5 in E. half  
No 6 in N.  
1911 in S.

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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.

40.00 Set an iron post for the 1/4 sec. cor. bet. secs. 5 and 6, stamped on cap

1/4 S 6 in W. half  
S 5 in E. half  
1911 in S.

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

60.00 Set an iron post for 1/16 sec. cor. No. 12, bet. secs. 5 and 6 (S 1/2), stamped in cap

1/16 S 6 in W. half  
S 5 in E. half  
No 12 in N.  
1911 in S.

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

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

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

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

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

79.96 Falls 2 lks. N. of the 1/16 sec. cor. No. 12, bet. secs. 4 and 5 (S 1/2).

Thence I run

N. 89° 59' W. on a true line through the middle of the S. half of sec. 5.

Over level land, through brush.

5.00 Read, brs. N. and S.

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

No 11 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.

25.00 Read, brs. NE. and SW.

39.98 Set an iron post for 1/16 sec. cor. No. 10, bet. the SE. and SW. quarters of sec. 5, stamped in cap

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

Chains

No 10 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.

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

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

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

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

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

-----  
From the 1/4 sec. cor. bet. secs. 5 and 6, I run

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

80.00 Falls 7 lks. N. of the 1/4 sec. cor. bet. secs. 4 and 5.

Thence I run

N. 89° 57' W. on a true line through the middle of sec. 5.

Over level land, through brush.

18.00 Road, hrs. N. and S.

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

No 7 in N.  
1/16 S 5 in center  
1911 in S.

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

40.00 Set an iron post for the center 1/4 sec. cor. of sec. 7,  
stamped in cap

C 1/4 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.

60.00 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 5 in center  
1911 in S.

Subdivision of T. 3 S., R. 4 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. 5 and 6.

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

-----

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

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

79.96 Intersect the 1/16 sec. cor. No. 6, bet. secs. 4 and 5, N 1/2.

Thence I run

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

Over level land, through brush.

18.00 Road, brs. N. and S.

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

No 5 in N.  
1/16 S 5b 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.

39.98 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.

59.97 Set an iron post for 1/16 sec. cor. No. 3, ~~xxx~~ in the center of the NW 1/4 of sec. 5, stamped on cap

No 3 in N.  
1/16 S 5 in center  
1911 in S.

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

79.96 The 1/16 sec. cor. No. 6, bet. secs. 5 and 6 (N 1/2).

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

April 26, 1911.



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

Chains

April 27, 1911. At the 1/16 sec. cor. No. 12, bet. secs. 5 and 6 (S $\frac{1}{2}$ ), I set off 13° 39' 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° 12', which is within one minute of the proper lat.

Thence I run

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

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

Thence I run

N. 89° 59' E. on a true line through the middle of the S. half of sec. 6.

Over level land, through brush.

6.00 Road, brs. N. and S.

18.59 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.

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

58.59 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.

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.

78.59 The 1/16 sec. cor. No. 12, bet. secs. 5 and 6 (S $\frac{1}{2}$ ).

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

-----

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

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

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

Chains

78.63 Falls 2 lks. N. of the 1/4 sec. cor. bet. secs. 1 and 6, on W. bdy. of Tp., previously described.

Thence I run

N. 89° 59' E. on a true line through the middle of sec. 6. Over level land, through brush.

11.70 Road, brs. N. and S.

18.63 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 3 1/2 ft. base, 1 1/2 ft. high, N. of cor.

38.63 Set an iron post for center 1/4 sec. cor. of sec. 6, stamped on cap

C 1/4 S 6 in center  
1911 in S.

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

58.63 Set an iron post for 1/16 sec. cor. No. 7, bet. the NE. and SE. quarters of sec. 6, stamped in cap

No 7 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.

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

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

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

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

78.60 Falls 4 lks. N. of the 1/16 sec. cor. No. 6, bet. secs. 1 and 6 (N 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 N. half of sec. 6.

Over level land, through brush.

3.68 Telegraph line, brs. N. 15 1/2° E. and S. 15 1/2° W.

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

## Chains

- 4.15 Middle of single track of Arizona Eastern R.R., brs.  
N.  $15\frac{1}{2}^{\circ}$  E. and S.  $15\frac{1}{2}^{\circ}$  W.
- 16.50 Road, brs. N. and S.
- 18.60 Set an iron post for 1/16 sec. cor. No. 3, in the center  
of the NW $\frac{1}{4}$  of sec. 6, stamped on 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  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high, N.  
of cor.
- 38.60 Set an iron post for 1/16 sec. cor. No. 4, bet. the NE.  
and NW. quarters of sec. 6, stamped on 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  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high,  
N. of cor.
- 58.60 Set an iron post for 1/16 sec. cor. No. 5, in the center  
of the NE $\frac{1}{4}$  of sec. 6, stamped in cap
- No 5 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.
- 78.60 The 1/16 sec. cor. No. 6, bet. secs. 5 and 6 (N $\frac{1}{2}$ ).
- Land, level.  
Soil, 2nd rate.  
Brush, mesquite and sage.

April 27, 1911.

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

Chains

Meanders of the left bank of Gila River, up stream.

April 17, 1911. At 7.00 a.m., l.m.t., I set off 33° 09' on the lat. arc, 10° 14' N. on the decl. arc, and determine a meridian with the solar, at the M.C. of secs. 19 and 24, which is North 6.90 chs. from the 1/16 sec. cor. No. 6, bet. secs. 19 and 24 (N½), on W. bdy. of Tp.

Thence I run with meanders in sec. 19.

Over level land, through cultivated field.

- S. 57° 00' E., 5.40 chs., To iron post for angle point, (mkd. A P 1911).
- N. 86° 30' E., 7.60 " To iron post for angle point, (mkd. A P 1911).
- N. 62° 10' E., 7.40 " To 1/16 M.C. of frac. sec. 19, which is N.0°03'W., 7.85 chs. from the 1/16 sec. cor. No.3, in the center of the NW¼ of sec. 19.
- N. 50° 30' E., 11.30 " To iron post for angle point (mkd. A P 1911).  
At 0.85 chs., - brush fence, brs. N. and S.  
At 2.85 chs. - road, brs. NW. and SE.  
At 11.00 chs. - Enter brush.
- N. 63° 30' E., 2.10 " To iron post for angle point, (mkd. A P 1911).
- S. 66° 00' E., 2.50 " To iron post for angle point, (mkd. A P 1911).
- S. 62° 30' E., 8.00 " To 1/16 M.C. of frac. sec. 19, which is N.0°03'W., 11.20 chs. from 1/16 sec.cor.No.4, bet. the NE. and NW. quarters of sec. 19.
- S. 73° 30' E., 8.90 " To iron post for angle point, (mkd. A P 1911).
- S. 81° 15' E., 11.60 " To 1/16 M.C. of frac. sec. 19, which is N.0°03'W., 6.90 chs. from the 1/16 sec. cor. No.5, in the center of the NE¼ of sec. 19.
- S. 62° 00' E., 14.72 " To 1/16 M.C. of frac. sec. 19 which is N.89°55'E., 13.00 chs. from the 1/16 sec.cor.No.5, in the center of the NE¼ of sec. 19.
- S. 52° 00' E., 8.89 " To M.C. of frac. secs. 19 and 20, which is N.0°03'W., 14.53 chs. from the ¼ sec. cor. bet. secs. 19 and 20.

Land, level.  
Soil, 2nd rate.  
Brush, greasewood, sage, arrow weed and mesquite.  
(Cultivated fields, 31.40 chs.)

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Thence in sec. 20.

Over level land, through brush.

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

Chains

- S. 77° 15' E., 9.50 chs. To iron post for angle point (mkd. A P 1911). At 9.00 chs.; - brush fence, brs. N. and S.
- S. 73° 30' E., 6.30 " To iron post for angle point (mkd. A P 1911).
- S. 87° 45' E., 4.72 " To 1/16 M.C. of frac. sec.20, which is N.0°02'W., 10.40 chs. from 1/16 sec.cor.No.8, bet. the NW. and SW. quarters of sec. 20.
- N. 88° 43' E., 20.02 " To 1/16 M.C. of frac. sec.20, which is N.0°02'W., 10.85 chs. from the center 1/4 sec. cor. of sec. 20.
- N. 74° 30' E., 12.60 " To iron post for angle point (mkd. A P 1911 ). At 11.00 chs. - road, brs. NE. and SW.
- N. 80° 00' E., 4.10 " To iron post for angle point (mkd. A P 1911).
- S. 87° 10' E., 3.82 " To 1/16 M.C. of frac. sec.20, which is N.0°02'W., 14.70 chs. from 1/16 sec.cor.No.7, bet. the NE. and SE. quarters of sec.20.
- S. 72° 30' E., 20.97 " To M.C. of frac. secs. 20 and 21, which is N.0°02'W., 8.40 chs. from the 1/4 sec. cor. bet. secs. 20 and 21.

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

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 Thence in sec. 21.

Over level land, through mesquite brush.

- S. 57° 00' E., 9.80 chs. To iron post set for angle point (mkd. A P 1911).
- N. 82° 45' E., 11.88 " To 1/16 M.C. of frac. sec. 21, which is N.0°02'W., 4.55 chs. from the 1/16 sec. cor. No.8, bet. the NW. and SW. quarters of sec. 21.
- N. 74° 15' E., 20.78 " To 1/16 M.C. of frac. sec.21, which is N.0°02'W., 10.20 chs. from the center 1/4 sec. cor. of sec.21.
- S. 89° 30' E., 20.01 " To 1/16 M.C. of frac. sec. 21, N.0°02'W., 10.03 chs. from the 1/16 sec.cor.No.7, bet. the NE. and SE. quarters of sec. 21.
- N. 67° 45' E., 21.60 " To M.C. of frac. secs. 21 and 22, which is N.0°02'W., 18.16 chs. from the 1/4 sec. cor. bet. secs. 20 and 21.

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

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

Chains

Thence in sec. 22.

Over level land, through brush.

- N. 69° 00' E., 5.15 chs. To 1/16 M.C. of frac. sec. 22, which is S. 89° 50' W., 15.20 chs. from the 1/16 sec. cor. No. 3, in the center of the NW 1/4 of sec. 22.
- N. 72° 53' E., 15.90 " To 1/16 M.C. of frac. sec. 22, which is N. 0° 02' W., 4.70 chs. from 1/16 sec. cor. No. 3, in the center of the NW 1/4 of sec. 22.
- N. 49° 45' E., 21.40 " To iron post for angle point, (mkd. A P 1911).
- N. 84° 15' E., 3.65 " To 1/16 M.C. of frac. sec. 22, which is N. 0° 02' W., 18.85 chs. from 1/16 sec. cor. No. 4, bet. the NE. and NW. quarters of sec. 22.
- S. 86° 30' E., 20.04 " To 1/16 M.C. of frac. sec. 22, which is N. 0° 02' W., 17.60 chs. from the 1/16 sec. cor. No. 5, in the center of the NE 1/4 of sec. 22.
- N. 88° 38' E., 20.01 " To the M.C. of frac. secs. 22 and 23, which is N. 0° 01' W., 18.02 chs. from the 1/16 sec. cor. No. 6, bet. secs. 21 and 22 (N 1/4).

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

Thence in sec. 23.

Over level land, through brush.

- N. 61° 30' E., 4.15 chs. To M.C. of frac. secs. 14 and 23, which is S. 89° 50' W., 16.35 chs. from 1/16 sec. cor. No. 2 bet. secs. 14 and 23.

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

Thence in sec. 14.

Over level land, through brush.

- N. 51° 00' E., 21.03 chs. To 1/16 M.C. of frac. sec. 14, which is N. 0° 01' W., 13.20 chs. from the 1/16 sec. cor. No. 2, bet. secs. 14 and 23 (W 1/4).
- N. 38° 15' E., 8.60 " To iron post for angle point. At 3.00 chs. - Ditch, 10 lks. wide, course SW.
- S. 86° 30' E., 13.23 " To 1/16 M.C. of frac. sec. 14, which is N. 0° 01' W., 17.70 chs. from 1/4 sec. cor. bet. secs. 14 and 23.
- N. 84° 00' E., 15.70 " To iron post for angle point. (mkd. A P 1911).

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

Chains

S. 50° 12' E., 5.75 chs. To 1/16 M.C. of frac. sec. 14, which is N.0°01'W., 15.60 chs. from the 1/16 sec.cor.No.1, bet. secs. 14 and 23.

S. 38° 02' E., 19.80 " To M.C. of frac. secs. 14 and 23, which is N.89°50'E., 12.20 chs. from 1/16 sec. cor.No.1, bet.secs. 14 and 23 (E $\frac{1}{2}$ ).

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

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Thence in sec. 23.

Over level land, through brush.

S. 52° 48' E. 9.79 chs. - To M.C. of frac. secs. 23 and 24, which is N.0°1'W, 14.08 chs. from the 1/16 sec. cor. No. 6, bet. frac. secs. 23 and 24.

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

-----  
Thence in sec. 24.

Over level land, through brush.

S. 59° 45' E., 23.15 chs. To 1/16 M.C. of frac. sec. 24, which is North, 2.45 chs. from the 1/16 sec.cor. No.3, in the center of the NW $\frac{1}{4}$  of sec. 24.

S. 64° 30' E., 5.65 " To 1/16 M.C. of frac. sec. 24, which is N.89°51'E., 5.10 chs. from the 1/16 sec.cor. No.3, in the center of the NW $\frac{1}{4}$  of frac. sec. 24.

S. 76° 55' E., 15.30 " To the 1/16 M.C. of frac.sec. 24, which is North 16.50 chs. from the center  $\frac{1}{4}$  sec. cor. of frac. sec. 24.

S. 59° 27' E., 23.25 " To the 1/16 M.C. of frac.sec. 24, which is North 4.60 chs. from the 1/16 sec.cor.No.5, in the center of the NE $\frac{1}{4}$  of frac. sec. 24.

S. 47° 30' E., 6.80 " To the 1/16 M.C. of frac. sec. 24, which is N.89°51'E., 5.02 chs. from the 1/16 sec. cor. No. 7, bet. the NE. and SE. quarters of sec. 24.

S. 36° 50' E., 24.98 " To M.C. of frac. secs. 19 and 24, which is also the 1/16 sec. cor. No. 12, bet. frac. secs. 19 and 24 (S $\frac{1}{2}$ ). on E. bdy. of Tp.

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

April 17, 1911.

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

Chains

Meanders of Right bank of Gila River,  
down stream.

April 28, 1911. At 8.00 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 M.C. of frac. secs. 13 and 18, on E. bdy. of Tp., previously described. which is 8.00 chs. S. of 1/16 sec. cor. No. 12 bet. secs. 13 & 18 S $\frac{1}{2}$ . Thence I run with meanders in sec. 13.

Over level land, through brush.

- N. 76° 57' W., 8.25 chs. To iron post set for angle point (mkd. A P 1911).
- N. 55° 00' W., 10.70 " To 1/16 M.C. of frac. sec. 13, S. 89° 51' W., 16.80 chs. from 1/16 sec. cor. No. 12, bet. frac. secs. 13 and 18 (S $\frac{1}{2}$ ), on E. bdy. of Tp.
- N. 47° 49' W., 4.32 " To 1/16 M.C. of frac. sec. 13, which is S. 17.10 chs. from the 1/16 sec. cor. No. 7, bet. the NE. and SW. quarters of sec. 13.
- N. 80° 21' W., 20.28 " To 1/16 M.C. of frac. sec. 13, which is S. 13.70 chs. from the center  $\frac{1}{4}$  sec. cor. of sec. 13.
- N. 45° 00' W., 19.37 " To the 1/16 M.C. of frac. sec. 13, which is S. 89° 51' W., 13.70 chs. from the center  $\frac{1}{4}$  sec. cor. of sec. 13.
- N. 50° 09' W., 8.21 " To 1/16 M.C. of frac. sec. 13, which is S., 14.70 chs. from 1/16 sec. cor. No. 3, in the center of the NW $\frac{1}{4}$  of sec. 13.
- N. 43° 02' W., 20.07 " To the 1/16 M.C. of frac. sec. 13, which is S. 89° 53' W., 13.70 chs. from the 1/16 sec. cor. No. 3, in the center of the NW $\frac{1}{4}$  of frac. sec. 13.
- N. 78° 28' W., 6.45 " At 4.00 chs. - Road, brs. NE. and SW.  
To M.C. of frac. secs. 13 and 14, which is S. 0° 01' E., 18.74 chs. from the cor. of secs. 11, 12, 13 and 14.

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

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Thence insec. 14.

Over level land, through brush.

- S. 83° 45' W., 12.07 chs. To 1/16 M.C. of frac. sec. 14, which is N. 89° 50' E., 8.00 chs. from 1/16 sec. cor. No. 5, in the center of the NE $\frac{1}{4}$  of sec. 14.
- S. 83° 12' W., 8.05 " To 1/16 M.C. of frac. sec. 14, S. 0° 01' E., 0.95 chs. from 1/16 sec. cor. No. 5, in the center of the NE $\frac{1}{4}$  of sec. 14.
- S. 73° 50' W., 20.82 " To 1/16 M.C. of frac. sec. 14, S. 0° 01' E., 6.70 chs. from 1/16 sec. cor. No. 4, bet. the NE. and NW. quarters of sec. 14.



ECG

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

Chains

N. 89° 34' W., 20.00 chs. To 1/16 M.C. of frac. sec. 14, S.0°01'E., 6.50 chs. from the 1/16 sec. cor. No. 3, in the center of the NW $\frac{1}{4}$  of sec. 14.

S. 85° 41' W., 20.05 " To M.C. of frac. secs. 14 and 15, which is S.0°01'E., 7.96 chs. from 1/16 sec.cor.No.6, bet.frac. secs. 14 and 15 (N $\frac{1}{2}$ ).

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

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Thence in sec. 15.

Over level land, through brush.

S. 88° 19' W., 20.01 chs. To 1/16 M.C. of frac. sec.15, which is S.0°01'E., 8.50 chs. from 1/16 sec. cor.No.5, in the center of the NE $\frac{1}{4}$  of sec. 15.

S. 71° 40' W., 21.07 chs. To the 1/16 M.C. of frac.sec. 15, which is S.0°01'E., 15.10 chs. from the 1/16 sec.cor. No.4, bet. the NE. and NW. quarters of sec. 15.

S. 72° 08' W., 16.07 " To 1/16 M.C. of frac. sec. 15, which is N.89°51'E., 4.70 chs. from the 1/16 sec.cor. No.8, bet. the NW. and SW. quarters of sec. 15.

S. 65° 57' W., 5.13 chs. To the 1/16 M.C. of frac. sec. 15, which is S.0°01'E., 2.10 chs. from the 1/16 sec.cor.No. 8, bet. the NW. and SW. quarters of sec. 15.

S. 63° 30' W., 7.30 " To iron post set for angle point (mkd. A P 1911).

S. 15° 00' W., 10.00 " To iron post for for angle point (mkd. A P 1911).

S. 28° 00' W., 5.68 " To M.C. of frac. sec. 15, which is N.89°51'E., 8.20 chs. from the 1/16 sec. cor. No.12 bet. secs. 15 and 16 (S $\frac{1}{2}$ ).

S. 25° 00' W., 5.60 " To iron post for angle point (mkd. A P 1911 ).

S. 65° 00' W., 6.42 " To M.C. of frac. secs. 15 and 16, which is S.0°02'E., 7.80 chs. from the 1/16 sec. cor. No.12, bet. secs. 15 and 16 (S $\frac{1}{2}$ ).

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

Cloudy at Noon today; no observation for lat.; April 28, 1911.

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Thence in sec. 16.

Over level land, through brush.

S. 74° 30' W., 20.75 chs. To 1/16 M.C. of frac. sec. 16, which is S.0°02'E., 13.35 chs. from 1/16 sec.cor.No.11, in the center of the SW $\frac{1}{4}$  of sec.16.

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

Chains

N. 36° 30' W., 3.30 chs.	To iron post set for angle point (mkd. A P 1911).
N. 4° 30' W., 10.77 "	To 1/16 M.C. of frac. sec. 16, which is S.89°51'W., 2.80 chs. from 1/16 sec.cor.No.11, in the center of the SE $\frac{1}{4}$ of sec.16.
N. 11° 30' W., 9.80 "	To iron post for angle point (mkd. A P 1911).
N. 56° 21' W., 18.32 "	To 1/16 M.C. of frac.sec. 16, which is S.0°02'E., 0.22 chs. from the center $\frac{1}{4}$ sec. cor. of sec. 16.
N. 85° 05' W., 2.58 "	To 1/16 M.C. of frac. sec. 16, which is S.89°51'W., 2.55 chs. from the center $\frac{1}{4}$ sec. cor. of sec. 16.
N. 87° 36' W., 17.46 "	To 1/16 M.C. of frac. sec. 16, which is S.0°02'E., 19.24 chs. from the 1/16 sec. cor. No.3, in the center of the NW $\frac{1}{4}$ of sec. 16.
S. 80° 00' W., 4.50 "	To 1/16 M.C. of frac. sec. 16, which is N.89°51'E., 15.50 chs. from the $\frac{1}{4}$ sec.cor.bet. frac. secs. 16 and 17.
S. 33° 11' W., 16.46 "	To iron post set for angle point.
S. 85° 00' W., 6.50 "	To M. C. of frac. secs. 16 and 17, which is S. 0° 02' E., 14.36 chs. from the $\frac{1}{4}$ sec. cor. bet. secs. 16 and 17.

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

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 Thence in sec. 17.

Over level land, through brush.

S. 74° 10' W., 20.78 chs.	To 1/16 M.C. of frac. sec. 17, which is also the 1/16 sec.cor. No.11, in the center of the SE $\frac{1}{4}$ of sec. 17.
S. 64° 38' W., 22.13 "	To the 1/16 M.C. of frac.sec. 17, which is S.0°02'E., 9.45 chs. from the 1/16 sec. cor. No. 10, bet. the SE. and SW. quarters of sec. 17. At 8.40 chs.- Road, brs. N. and S.
N. 60° 30' W., 19.18 "	To 1/16 M.C. of frac. sec. 17, which is S.89°51'W., 16.70 chs. from 1/16 sec. cor. No.10, bet. the SE. and SW. quarters of sec. 17.
N. 32° 40' W., 5.92 "	To 1/16 M.C. of frac. sec. 17, which is S.0°02'E., 15.00 chs. from the 1/16 sec.cor.No.8, bet.the NW.and SW.quarters of sec. 17.
N. 40° 00' W., 19.57 "	To 1/16 M.C. of frac. sec. 17, which is S.89°55'W., 12.51 chs. from the 1/16 sec.cor.No.8,bet. the NW. and SW. quarters of sec. 17.
N. 51° 07' W., 8.48 "	To the M.C. of frac. secs. 17

5000

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

Chains

and 18, which is S.0°03'E.,  
15.69 chs. from the 1/16 sec.  
cor.No.6,bet.secs. 17 and 18,  
(N½).

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

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Thence in sec. 18.

Over level land, through brush.

- N. 41° 30' W., 9.40 chs. To iron post for angle point (mkd. A P 1911).
- N. 76° 45' W., 14.15 " To 1/16 M.C. of frac. sec. 18, which is S.0°03'E., 5.60 chs. from the 1/16 sec.cor.No.5, in the center of the NE¼ of sec.18.
- N. 71° 30' W., 10.80 " To iron post for angle point (mkd. A P 1911).
- S. 61° 15' W., 11.13 " To 1/16 M.C. of frac. sec. 18, S.0°03'E., 7.50 chs. from the 1/16 sec.cor.No.4, bet. the NE. and NW. quarters of sec. 18.
- S. 65° 06' W., 22.05 " To 1/16 M.C. of frac. sec.18, which is S.0°03'E., 16.75 chs. from the 1/16 sec. cor. No. 3, in the center of the NW¼ of sec. 18.
- N. 74° 30' W., 11.70 chs. To iron post for angle point (mkd. A P 1911).
- N. 50° 00' W., 9.50 " To M.C. of frac. secs. 13 and 18, which is S., 7.50 chs. from the 1/16 sec.cor.No.6, bet.secs. 13 and 18 (N½), on W. bdy. of Tp.

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

April 28, 1911.

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T. 3 S. R. 4 E.

GENERAL DESCRIPTION.

This township is flat and very sandy, and covered with mesquite and sage brush, with a dense growth of arrow weed along the Gila River, which runs westwardly through the middle of the township. At the time of the survey, the river was dry.

The channel and overflow land along the course of the river is about a mile wide, and unfit for cultivation.

Casa Blanca, an Indian Village of about fifty huts and a church lies in sec. 36. Snake Town, an Indian village, of about thirty huts, is in sec. 11.

Almost all of secs. 12, 13, 23, ~~xxx~~ 24, 25, 26 and 36 on the south side of the river, and portions of secs. 9, 10, and 11 on the north side are cultivated by Indians.

The soil can be classed as second rate.

There are a few cottonwood trees along the river.

Robert A. Farmer,  
Topographer.

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List of Assistants:

- T. H. Biedenkopf, Chainman
- F. W. Cable, Chainman
- A. G. Hollister, Flagman
- Dan Nicoll, Moundman
- Tim O'Connor, Axman
- Herbert Potter Edwards, Axman
- A. H. Greene, Instrumentman

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BOOK

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

I hereby certify that the survey of subdivision and meander lines in T. 3 S., R. 4 E., within the Gila River Indian Reservation, Arizona, was made under my supervision and direction, and to the best of my knowledge and belief the field work was executed in strict accordance with instructions given me dated Oct. 11, 1910, and the Manual of Surveying Instructions, and that these field notes are a correct representation thereof.

*A. F. Drumright*

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Topographer in Charge of  
Indian Surveys.



FINAL OATH OF UNITED STATES SURVEYOR.

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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 exterior 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, 1919

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

executed by R. A. Farmer, Topographer, under direction of A. F. Dunnington,  
Topographer in Charge of Indian Surveys Oct. 11, 1919, having been  
under his special instructions dated \_\_\_\_\_, 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 Fallman  
~~U. S. Surveyor General~~  
Commissioner of the General Land Office

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

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