

FIELD NOTES

OF ~~THE SURVEY~~ THE

INDEPENDENT RESURVEY OF

Subdivision Lines

of

TOWNSHIP 4 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 SurveysGroup No. ~~which were approved by the Commissioner of the General Land~~Office, ~~1911~~, pursuant to authority contained in the Act ofCongress dated ~~1911~~

Survey commenced March 31, 1911

Survey completed April 6, 1911

1A
BOOK 6434

INDEX DIAGRAM.

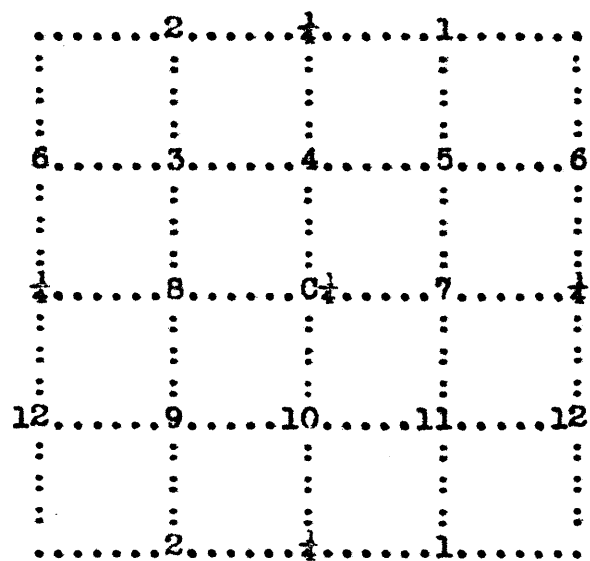
Township 4 South, Range 4 East

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Diagram of a section showing position
of 1/16 section corners.



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

Chains

Survey commenced March 31, 1911, by R. A. Farmer, Topographer, and executed with a Young & Sons light mountain transit No. 8248, with solar attachment. The horizontal limb is provided with two double verniers placed opposite each other, reading to single minutes of arc, which is also the least count of the verniers of the latitude and declination arcs.

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

The instrument was examined and tested on a meridian at camp in sec. 13, T. 3 S., R. 3 E., notes of which will be found in field notes of the subdivision of T.3 S., R.4 E.

The NE. cor. of this Tp. is in Lat. 33° 07' N., Long. 111° 54' W.

March 31, 1911. At 7.00 a.m., l.m.t., I set off 33° 07' on the lat. arc, 3° 57' N. on the decl. arc, and determine a meridian with the solar at the cor. of secs. 1, 2, 35 and 36, on E. bdy. of Tp., previously described.

Thence I run

S. 0° 01' E. bet. secs. 1 and 2.

Over level land, through brush.

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

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

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

30.00 Road, brs. NE. and SW.

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

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

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

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

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

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

Chains

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

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

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

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

1911 in S.

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

Dig pits 18x18x12 ins. in each sec. 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, greasewood and sage.

N. 89° 51' E. on a random line bet. secs. 1 and 12,
setting temp. cors. at intervals of 20.00 chs.

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

Thence I run

S. 89° 55' W. on a true line bet. secs. 1 and 12.

Over level land, through brush.

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

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

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.;
and raise a mound of earth 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. 1 and 12,
with cap stamped

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

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

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

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

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

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| Chains | <p>No 2 1/16 S 1 in N. half S 12 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> |
| 75.00 | Road, brs. N. and S. |
| 80.00 | The cor. of secs. 1, 2, 11 and 12. |
| | <p>Land, level. Soil, 2nd rate. Brush, greasewood and sage.</p> <p>-----</p> <p>From the 1/16 sec. cor. No. 6, bet. secs. 1 and 2 (N½), I run</p> <p>N. 89° 51' E. on a random line through the middle of the N. half of sec. 1, setting temp. cors. at intervals of 20.00 chs.</p> |
| 80.00 | Falls 12 lks. N. of the 1/16 sec. cor. No. 6, bet. secs. 1 and 6 (N½), on E. bdy. of Tp., previously described. |
| | <p>Thence I run</p> <p>S. 89° 56' W. on a true line through the middle of the N. half of sec. 1.</p> <p>Over level land, through brush.</p> |
| 4.00 | Road, brs. S. 80° E. and N. 80° W. |
| 20.00 | Set an iron post for 1/16 sec. cor. No. 5, in the center of the NE¼ of sec. 1, with cap stamped |
| | <p>No 5 in N. 1/16 S 1 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> |
| 30.00 | 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, with cap stamped |
| | <p>No 4 in N. 1/16 S 1 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> |
| 60.00 | Set an iron post for 1/16 sec. cor. No. 3, in the center of the NW¼ of sec. 1, with cap stamped |
| | <p>No 3 in N. 1/16 S 1 in center 1911 in S.</p> <p>Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.;</p> |

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

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| Chains | and raise a mound of earth 3½ ft. base, 1½ ft. high, N. of cor. |
| 73.00 | Road, brs. NE. and SW. |
| 80.00 | The 1/16 sec. cor. No. 6, bet. secs. 1 and 2, (N½). Land, level. Brush, sage and mesquite. Soil, 2nd rate. ----- From the ¼ sec. cor. bet. secs. 1 and 2, I run N. 89° 51' E. on a random line through the middle of sec. 1, setting temp. cors. at intervals of 20.00 chs. 80.00 Intersect the ¼ sec. cor. bet. secs. 1 and 6, on E. bdy. of Tp., previously described. Thence I run S. 89° 51' W. on a true line through the middle of sec.1. 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. 1, with cap stamped 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 3½ ft. base, 1½ ft. high, N. of cor. 24.00 Road, brs. NE. and SW. 40.00 Set an iron post for center ¼ sec. cor. of sec. 1, with cap stamped C ¼ S 1 in center 1911 in S. Dig pits 18x18x12 ins. E., W. and S., 3 ft., and N. of post 7 ft. dist.; and raise a mound of earth 4 ft. base, 2 ft. high, N. of cor. 60.00 Set an iron post for 1/16 sec. cor. No. 8, bet. the NW. and SW. quarters of sec. 1, with cap stamped 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 3½ ft. base, 1½ ft. high, N. of cor. 80.00 The ¼ sec. cor. bet. secs. 1 and 2. Land, level. Soil, 2nd rate. Brush, greasewood and sage. ----- |

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

Chains

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

N. $89^{\circ} 51'$ E. on a random line through the middle of the
S. half of sec. 1, setting temp. cors. at intervals of
20.00 chs.

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

Thence I run

S. $89^{\circ} 53'$ W. on a true line through the middle of the S.
half of sec. 1.

Over level land, through brush.

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

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

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

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

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

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

52.00 Road, brs. N. and S.

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

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

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

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

Land, level.

Soil, 2nd rate.

Brush, greasewood and sage.

March 31, 1911. At this cor., I set off $3^{\circ} 57'$ N. on the
decl. arc, and at 12h 04m 31s p.m., l.m.t., observe the
sun on the meridian; the resulting lat. is $33^{\circ} 06'$,
which is within one minute of the proper lat.

From the cor. of secs. 1, 2, 11 and 12, I run

S. $0^{\circ} 01'$ E. on a true line bet. secs. 11 and 12.

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

Chains

Over level land, through brush.

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

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.

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

$\frac{1}{4}$ 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.

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

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

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.

- 87.17 Intersect the S. bdy. at a point from which the cor. of secs. 7 and 12, ~~xxxxx~~, on E. bdy. of Tp. brs. $S.89^{\circ}41'E.$, 80.00 chs. dist. (previously described).

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

T 4 S S 12 in NE.
R 4 E S 11 in NW.
1911 in S.

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

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

Land, level.

Soil, 2nd rate.

Brush, greasewood and sage.

From the 1/16 sec. cor. No. 6, bet. secs. 11 and 12, ($N\frac{1}{2}$), I run

N. $89^{\circ}55'E.$ on a random line through the middle of the N. half of sec. 12, setting temp. cors. at intervals of 20.00 chs.

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

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| Chains | |
| 80.00 | Falls 4 lks. S. of the 1/16 sec. cor. No. 6, bet. secs. 7 and 12 (N $\frac{1}{2}$), 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. 12. Over level land, through brush. |
| 20.00 | Set an iron post for the 1/16 sec. cor. No. 5, in the center of the NE $\frac{1}{4}$ of sec. 12, with cap stamped No 5 in N. 1/16 S 12 in center 1911 in S. Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise a mound of earth 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, N. of cor. |
| 40.00 | Set an iron post for the 1/16 sec. cor. No. 4, bet. the NE. and NW. quarters of sec. 12, with cap stamped No 4 in N. 1/16 S 12 in center 1911 in S. Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise a mound of earth 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, N. of cor. |
| 60.00 | Set an iron post for 1/16 sec. cor. No. 3, in the center of the NW $\frac{1}{4}$ of sec. 12, with cap stamped No 3 in N. 1/16 S 12 in center 1911 in S. Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise a mound of earth 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, N. of cor. |
| 60.50 | Road, brs. N. and S. |
| 76.00 | Road, brs. N. and S. |
| 80.00 | The 1/16 sec. cor. No. 6, bet. secs. 11 and 12 (W $\frac{1}{2}$). Land, level. Soil, 2nd rate. Brush, greasewood and sage. ----- From the $\frac{1}{4}$ sec. cor. bet. secs. 11 and 12, I run N. 89° 55' E. on a random line through the middle of sec. 12, setting temp. cors. at intervals of 20.00 chs. |
| 80.00 | Falls 2 lks. N. 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. |

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

Chains

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

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

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

40.00 Set an iron post for the center ¼ sec. cor. of sec. 12, with cap stamped

C ¼ S 12 in center
1911 in S.

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

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

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

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

75.00 Road, brs. N. and S.

80.00 The ¼ sec. cor. bet. secs. 11 and 12.

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

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

N. 89° 55' E. on a random line through the middle of the S. half of sec. 12, setting temp. cors. at intervals of 20.00 chs.

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

Thence I run

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

Over level land, through brush.

20.00 Set an iron post for 1/16 sec. cor. No. 11, in the center of the SE¼ of sec. 12, with cap stamped

No 11 in N.
1/16 S 12 in center
1911 in S.

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

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

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| Chains | |
| | and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, N. of cor. |
| 40.00 | Set an iron post for $1/16$ sec. cor. No. 10, bet. the SE. and SW. quarters of sec. 12, with cap stamped No 10 in N. $1/16$ S 12 in center 1911 in S. Dig pits $18 \times 18 \times 12$ ins. E. and W. of post 3 ft. dist.; and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, N. of cor. |
| 60.00 | Set an iron post for $1/16$ sec. cor. No. 9, in the center of the SW $\frac{1}{4}$ of sec. 12, with cap stamped No 9 in N. $1/16$ S 12 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. |
| 66.00 | Road, brs. N. and S. |
| 68.00 | Road, brs. NE. and SW. |
| 80.00 | The $1/16$ sec., cor. No. 12, bet. secs. 11 and 12 ($S\frac{1}{2}$). Land, level. Soil, 2nd rate. Brush, greasewood and sage. |
| | March 31, 1911. |
| | ----- |
| | April 1, 1911. At 7.00 a.m., l.m.t., I set off $33^{\circ} 07'$ on the lat. arc, $4^{\circ} 17'$ N. on the decl. arc, and determine a meridian with the solar, at the cor. of secs. 2, 3, 34 and 35, on N. bdy. of Tp., previously described. Thence I run S. $0^{\circ} 01'$ E. bet. secs. 2 and 3. Over level land, through brush. |
| 5.00 | Road, brs. NE. and SW. |
| 20.00 | Set an iron post for $1/16$ sec. cor. No. 6, bet. secs. 2 and 3 ($N\frac{1}{2}$), with cap stamped $1/16$ S 3 in W. half S 2 in E. half No 6 in N. 1911 in S. Dig pits $18 \times 18 \times 12$ 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. 2 and 3, with cap stamped $\frac{1}{4}$ S 3 in W. half S 2 in E. half 1911 in S. |

Subdivision of T. 4 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.

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

60.00 Set an iron post for 1/16 sec. cor. No. 12, bet. secs. 2 and 3 (S½), with cap stamped

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 3½ ft. base, 1½ ft. high, W. of cor.

64.00 Road, brs. NE. and SW.

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

T 4 S S 2 in NE. quadrant
R 4 E S 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. 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, greasewood and sage.

N. 89° 51' E. on a random line bet. secs. 2 and 11, setting temp. cors. at intervals of 20.00 chs.

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

Thence I run

S. 89° 51' W. on a true line bet. secs. 2 and 11.

Over level land, through brush.

20.01 Set an iron post for the 1/16 sec. cor. No. 1, bet. secs. 2 and 11 (E½), with cap stamped

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

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

40.02 Set an iron post for ¼ sec. cor. bet. secs. 2 and 11, with cap stamped

¼ S 2 in N. half
S 11 1911 in S. half

Subdivision of T. 4 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.

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

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

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

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

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

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

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

N. $89^{\circ} 51'$ E. on a random line through the middle of the
N. half of sec. 2, setting temp. cors. at intervals of
20.00 chs.

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

Thence I run

S. $89^{\circ} 49'$ W. on a true line through the middle of the N.
half of sec. 2.

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. 2, with cap stamped

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

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

33.00 Road, brs. NE. and SW.

40.02 Set an iron post for the $1/16$ sec. cor. No. 4, bet. the
NE. and NW. quarters of sec. 2, with cap stamped

No 4 in N.
 $1/16$ S 2 in center
1911 in S.

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

53.00 Road, brs. NE. and SW.

60.03 Set an iron post for $1/16$ sec. cor. No. 3, in the center

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Chains

of the NW $\frac{1}{4}$ of sec. 2, with cap stamped

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

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.;
and raise a mound of earth 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. 2 and 3 (N $\frac{1}{4}$).

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

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

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

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

Thence I run

S. 89° 49' 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, with cap stamped

No 7 in N.
1/16 S 2 in center
1911 in S.

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

21.00 Road, brs. NE. and SW.

40.04 Set an iron post for the center $\frac{1}{4}$ sec. cor. of sec. 2,
with cap stamped

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

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

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

No 8 in N.
1/16 S 2 in center
1911 in S.

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

80.08 The $\frac{1}{4}$ sec. cor. bet. secs. 2 and 3.

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

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Chains

From the 1/16 sec. cor. No. 12, bet. secs. 2 and 3 ($8\frac{1}{2}$),
I run

N. $89^{\circ} 51'$ E. on a random line through the middle of the
S. half of sec. 2, setting temp. cors. at intervals of
20.00 chs.

80.08 Falls 5 lks. S. of the 1/16 sec. cor. No. 12, bet. secs.
1 and 2 ($8\frac{1}{2}$),

Thence I run

S. $89^{\circ} 49'$ W. on a true line through the middle of the
S. half of sec. 2.

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. 2, with cap stamped

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.

40.04 Set an iron post for the 1/16 sec. cor. No. 10, bet. the
SE. and SW. quarters of sec. 2, with cap stamped

No 10 in N.
1/16 S 2 in center
1911 in S.

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

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

No 9 in N.
1/16 S 2 in center
1911 in S.

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

63.00 Road, brs. NE. and SW.

80.08 The 1/16 sec. cor. No. 12, bet. secs. 2 and 3 ($8\frac{1}{2}$).

Land, level.

Soil, 2nd rate.

Brush, greasewood and sage.

April 1, 1911. At the cor. of secs. 2, 3, 10 and 11, I
set off $4^{\circ} 21'$ N. on the decl. arc, and at 12h 04m 13s
p.m., l.m.t., observe the sun on the meridian; the re-
sulting lat. is $33^{\circ} 07'$, which is within one minute of
the proper lat.

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

| | |
|--------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Chains | <p>From the cor. of secs. 2, 3, 10 and 11, I run</p> <p>S. 0° 01' E. on a true line bet. secs. 10 and 11.</p> <p>Over level land, through brush.</p> |
| 20.00 | <p>Set an iron post for 1/16 sec. cor. No. 6, bet. secs. 10 and 11 (N$\frac{1}{2}$), with cap stamped</p> <p>1/16 S 10 in W. half S 11 in E. half No 6 in N. 1911 in S.</p> <p>Dig pits 18x18x12 ins. N. and S. of post 3 ft. dist.; and raise a mound of earth 3$\frac{1}{2}$ ft. base, 1$\frac{1}{2}$ ft. high, W. of cor.</p> |
| 40.00 | <p>Set an iron post for $\frac{1}{4}$ sec. cor. bet. secs. 10 and 11, with cap stamped</p> <p>$\frac{1}{4}$ S 10 in W. half S 11 in E. half 1911 in S.</p> <p>Dig pits 18x18x12 ins. N. and S. of post 3 ft. dist.; and raise a mound of earth 3$\frac{1}{2}$ ft. base, 1$\frac{1}{2}$ ft. high, W. of cor.</p> <p>(After diligent search, no trace of the old $\frac{1}{4}$ sec. cor. is found).</p> |
| 60.00 | <p>Set an iron post for the 1/16 sec. cor. No. 12, bet. secs. 10 and 11 (S$\frac{1}{2}$), with cap stamped</p> <p>1/16 S 10 in W. half S 11 in E. half No 12 in N. 1911 in S.</p> <p>Dig pits 18x18x12 ins. N. and S. of post 3 ft. dist.; and raise a mound of earth 3 ft. base, 1$\frac{1}{2}$ ft. high, W. of cor.</p> |
| 86.48 | <p>Intersect the S. bdy. at a point from which the cor. of secs. 11 and 12 brs. S. 89° 41' E., 80.00 chs. dist.</p> <p>Set an iron post for the cor. of secs. 10 and 11, with cap stamped</p> <p>T 4 S S 11 in NE. R 4 E S 10 in NW. 1911 in S. 2 notches on E. and 4 notches on W. edge</p> <p>Dig pits 24x24x12 ins. in each sec. 6 ft. dist.; and raise a mound of earth 4 ft. base, 2 ft. high, N. of cor.</p> <p>Land, level. Soil, 2nd rate. Brush, sage and greasewood.</p> |

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

Chains

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

N. 89° 51' 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 Intersect the 1/16 sec. cor. No. 6, bet. secs. 11 and 12,
(N $\frac{1}{2}$).

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.

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

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

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

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

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

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

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

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

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

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

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

From the $\frac{1}{4}$ sec. cor. bet. secs. 10 and 11, I run

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

80.00 Falls 14 lks. N. of the $\frac{1}{4}$ sec. cor. bet. secs. 11 and 12.

Thence I run

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

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Chains

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, with cap stamped

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

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

- 40.00 Set an iron post for the center ¼ sec. cor. of sec. 11, with cap stamped

C ¼ S 11 in center
1911 in S.

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

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

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

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

- 80.00 The ¼ sec. cor. bet. secs. 10 and 11.

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

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

N. 89° 51' E. on a random line through the middle of the S. half of sec. 11, setting temp. cors. at intervals of 20.00 chs.

- 80.00 Falls 4 lks. N. of the 1/16 sec. cor. No. 12, bet. secs. 11 and 12 (S½).

Thence I run

S. 89° 53' W. on a true line through the middle of the S. half of sec. 11.

Over level land, through brush.

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

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

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

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Chains

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

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

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

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

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

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

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

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

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

April 1, 1911.

April 3, 1911. At 7.00 a.m., l.m.t., I set off $33^{\circ} 07'$ on
the lat. arc, $5^{\circ} 04'$ N. on the decl. arc, and determine
a meridian with the solar, at the cor. of secs. 3, 4,
33 and 34, on N. bdy. of Tp., previously described.

Thence I run

S. $0^{\circ} 02'$ E. bet. secs. 3 and 4.

Over level land, through brush.

7.00 Road, brs. NE. and SW.

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

$1/16$ S 4 in W. half
S 3 in E. half
No 6 in N.
1911 in S.

Dig pits $18 \times 18 \times 12$ 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,
with cap stamped

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

Dig pits $18 \times 18 \times 12$ ins. N. and S. of post 3 ft. dist.;

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

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

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

$1/16$ S 4 in W. half
S 3 in E. half
No 12 in N.
1911 in S.

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

71.00 Road, brs. NE. and SW.

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

T 4 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 $18 \times 18 \times 12$ 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, sage and greasewood.

N. $89^{\circ} 51'$ E. on a random line bet. secs. 3 and 10, setting temp. cors. at intervals of 20.00 chs.

80.00 Falls 4 lks. N. of the cor. of secs. 2, 3, 10 and 11.

Thence I run

S. $89^{\circ} 53'$ W. on a true line bet. secs. 3 and 10.

Over level land, through brush.

4.00 Road, brs. NE. and SW.

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

No 1 $1/16$ S 3 in N. half
S 10 1911 in S. half

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

40.00 Set an iron post for the $\frac{1}{4}$ sec. cor. bet. secs. 3 and 10, with cap stamped

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Chains

$\frac{1}{4}$ S 3 in N. half
S 10 1911 in S. half

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

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

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

No 2 1/16 S 3 in N. half
S 10 1911 in S. half

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

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

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

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

N. $89^{\circ} 51'$ 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 Intersect the 1/16 sec. cor. No. 6, bet. secs. 2 and 3,
($N\frac{1}{2}$).

Thence I run

S. $89^{\circ} 51'$ 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 1/16 sec. cor. No. 5, in the center
of the $NE\frac{1}{4}$ of sec. 3, with cap stamped

No 5 in N.
1/16 S 3 in center
1911 in S.

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

37.00 Road, brs. NE. and SW.

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

No 4 in N.
1/16 S 3 in center
1911 in S.

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

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Chains

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

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

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

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

Land, level.

Soil, 2nd rate.

Brush, greasewood and mesquite.

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

N. $89^{\circ} 51'$ E. on a random line through the middle of sec. 3, setting temp. cors. at intervals of 20.00 chs.

80.04 Intersect the $\frac{1}{4}$ sec. cor. bet. secs. 2 and 3.

Thence I run

S. $89^{\circ} 51'$ W. 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, with cap stamped

No 7 in N.
 $1/16$ S 3 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.

24.00 Road, brs. NW. and SE.

40.02 Set an iron post for center $\frac{1}{4}$ sec. cor. of sec. 3, with cap stamped

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

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

56.00 Road, brs. NE. and SW.

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

No 8 in N.
 $1/16$ S 3 in center
 1911 in S.

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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.

80.04 The $\frac{1}{4}$ sec. cor. bet. secs. 3 and 4.

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

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

N. $89^{\circ} 51'$ 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 4 lks. N. of the 1/16 sec. cor. No. 12, bet. secs.
2 and 3 ($S\frac{1}{2}$).

Thence I run

S. $89^{\circ} 53'$ W. on a true line through the middle of the
S. half of sec. 3.

Over level land, through brush.

20.00 Set an iron post for the 1/16 sec. cor. No. 11, in the
center of the $SE\frac{1}{4}$ of sec. 3, with cap stamped

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

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

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

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

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.;
and raise a mound of earth $3\frac{1}{2}$ 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. 3, with cap stamped

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.

72.00 Road, brs. NE. and SW.

80.00 The 1/16 sec. cor. No. 12, bet. secs. 3 and 4 ($S\frac{1}{2}$).

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

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

Chains

April 3, 1911. At the cor. of secs. 3, 4, 9 and 10, I set off $5^{\circ} 07'$ N. on the decl. arc, and at 12h 03m 39s observe the sun on the meridian; the resulting lat. is $33^{\circ} 07'$, which is within one minute of the proper lat.

From the above described cor., I run

S. $0^{\circ} 02'$ E. on a true line bet. secs. 9 and 10.

Over level land, through brush.

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

$1/16$ S 9 in W. half
S 10 in E. half
No 6 in N.
1911 in S.

Dig pits $18 \times 18 \times 12$ 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. 9 and 10, with cap stamped

$\frac{1}{4}$ S 9 in W. half
S 10 in E. half
1911 in S.

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

(No trace of old $\frac{1}{4}$ sec. cor. found)

- 60.00 Set an iron post for $1/16$ sec. cor. No. 12, bet. secs. 9 and 10, with cap stamped

$1/16$ S 9 in W. half
S 10 in E. half
No 12 in N.
1911 in S.

Dig pits $18 \times 18 \times 12$ 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. NE. and SW.

- 85.84 Intersect the S. bdy. at a point from which the cor. of secs. 10 and 11 brs. S. $89^{\circ} 41'$ E., 80.00 chs. dist.

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

T 4 S S 10 in NE.
R 4 E S 9 in NW.
1911 in S.
3 notches on E. and W. edges

Dig pits $24 \times 24 \times 12$ ins. in each sec. 6 ft. dist.; and and raise a mound of earth 4 ft. base, 2 ft. high, N. of cor.

Land, level.

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

DOCK 1191

119

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

Chains

From the 1/16 sec. cor. No. 6, bet. secs. 9 and 10 ($N\frac{1}{2}$),
I run

N. $89^{\circ} 53'$ 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 4 lks. S. of the 1/16 sec. cor. No. 6, bet. secs.
10 and 11 ($N\frac{1}{2}$).

Thence I run

S. $89^{\circ} 51'$ W. on a true line through the middle of the
N. half of sec. 10.

Over level land, through brush.

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

No 5 in N.
1/16 S 10 in center
1911 in S,

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

22.50 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, with cap stamped

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

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

60.00 Set an iron post for 1/16 sec. cor. No. 3, in the center
of the $NW\frac{1}{4}$ of sec. 10, with cap stamped

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

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

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

Land, level.

Soil, 2nd rate.

Brush, greasewood, sage and mesquite.

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

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

80.08 Falls 2 lks. N. of the $\frac{1}{4}$ sec. cor. bet. secs. 10 and 11.

Thence I run

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

| | |
|--------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Chains | <p>S. 89° 54' W. on a true line through the middle of sec. 10. Over level land, through brush.</p> |
| 20.02 | <p>Set an iron post for 1/16 sec. cor. No. 7, bet. the NE. and SE. quarters of sec. 10, with cap stamped</p> <p>No 7 in N. 1/16 S 10 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> |
| 40.04 | <p>Set an iron post for center ¼ sec. cor. of sec. 10, with cap stamped</p> <p>C ¼ S 10 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 3½ ft. base, 2½ ft. high, N. of cor.</p> |
| 50.08 | <p>Road, brs. NE. and SW.</p> |
| 60.06 | <p>Set an iron post for 1/16 sec. cor. No. 8, bet. the NW. and SW. quarters of sec. 10, with cap stamped</p> <p>No 8 in N. 1/16 S 10 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> |
| 80.08 | <p>The ¼ sec. cor. bet. secs. 9 and 10.</p> <p>Land, level. Soil, 2nd rate. Brush, sage, greasewood and mesquite.</p> <p>-----</p> <p>From the 1/16 sec. cor. No. 12, bet. secs. 9 and 10, (S½) I run</p> <p>N. 89° 53' E. on a random line through the middle of the S. half of sec. 10, setting temp. cors. at intervals of 20.00 chs.</p> |
| 80.00 | <p>Intersect the 1/16 sec. cor. No. 12, bet. secs. 10 and 11 (S½),</p> <p>Thence I run</p> <p>S. 89° 53' W. on a true line through the middle of the S. half of sec. 10.</p> <p>Over level land, through brush.</p> |
| 20.00 | <p>Set an iron post for 1/16 sec. cor. No. 11, in the center of the SE¼ of sec. 10, with cap stamped</p> <p>No 11 in N. 1/16 S 10 in center 1911 in S.</p> |

Subdivision of T. 4 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. |
| 40.00 | Set an iron post for 1/16 sec. cor. No. 10, bet. the SE. and SW. quarters of sec. 10, with cap stamped No 10 in N. 1/16 S 10 in center 1911 in S. Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise a mound of earth 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. 10, with cap stamped No 9 in N. 1/16 S 10 in center 1911 in S. Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise a mound of earth 3½ ft. base, 1½ ft. high, N. of cor. |
| 70.00 | Road, brs. NE. and SW. |
| 80.00 | The 1/16 sec. cor. No. 12, bet. secs. 9 and 10, (S½). Land, level. Soil, 2nd rate. Brush, greasewood and mesquite. April 3, 1911. ----- April 4, 1911. At 7.00 a.m., l.m.t., I set off 33° 07' on the lat. arc, 5° 27' N. on the decl. arc, and deter- mine a meridian with the solar, at the cor. of secs. 4, 5, 32 and 33, on N. bdy. of Tp., previously described. Thence I run S. 0° 02' E. bet. secs. 4 and 5. Over level land, through brush. |
| 20.00 | Set an iron post for 1/16 sec. cor. No. 6, bet. secs. 4 and 5 (N½), with cap stamped 1/16 S 5 in W. half S 4 in E. half No 6 in N. 1911 in S. Dig pits 18x18x12 ins. N. and S. of post 3 ft. dist.; and raise a mound of earth 3½ ft. base, 1½ ft. high, W. of cor. |
| 40.00 | Set an iron post for ¼ sec. cor. bet. secs. 4 and 5, with cap stamped ¼ S 5 in W. half S 4 in E. half 1911 in S. |

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

Chains

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

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

60.00 Set an iron post for 1/16 sec. cor. No. 12, bet. secs. 4 and 5 ($3\frac{1}{2}$), with cap stamped

1/16 S 5 in W. half
S 4 in E. half
No 12 in N.
1911 in S.

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

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

T 4 S S 4 in NE. quadrant
R 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 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, greasewood, sage and mesquite.

N. $89^{\circ} 51'$ E. on a random line bet. secs. 4 and 9, setting temp. cors. at intervals of 20.00 chs.

79.92 Falls 6 lks. S. of the cor. of secs. 3, 4, 9 and 10.

Thence I run

S. $89^{\circ} 48'$ W. on a true line bet. secs. 4 and 9.

Over level land, through brush.

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

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

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

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

$\frac{1}{4}$ S 4 in N. half
S 9 1911 in S. half

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

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

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

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

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

No 2 $1/16$ S 4 in N. half
S 9 1911 in S. half

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

74.00 Road, brs. NE. and SW.

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

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

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

N. $89^{\circ} 51'$ E. on a random line through the middle of the
N. half of sec. 4, setting temp. cors. at intervals of
20.00 chs.

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

Thence I run

S. $89^{\circ} 51'$ W. on a true line through the middle of the
N. half of sec. 4, setting temp. cors. at intervals of
20.00 chs.

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. 4, with cap stamped

No 5 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.

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

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

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

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

Chains

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

No 3 in N.
1/16 S 4 in center
1911 in S.

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

80.00 The 1/16 sec. cor. No. 6, bet. secs. 4 and 5 (N $\frac{1}{2}$).

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

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

N. 89° 51' E. on a random line through the middle of sec. 4, setting temp. cors. at intervals of 20.00 chs.

80.00 Falls 12 lks. S. of the $\frac{1}{4}$ sec. cor. bet. secs. 3 and 4.

Thence I run

S. 89° 46' W. on a true line through the middle of sec. 4.

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. 4, with cap stamped

No 7 in N.
1/16 S 4 in center
1911 in S.

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise a mound of earth 3 $\frac{1}{2}$ 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. 4, with cap stamped

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

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

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

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

Subdivision of T. 4 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.

80.00 The $\frac{1}{16}$ sec. cor. bet. secs. 4 and 5.

Land, level.

Soil, 2nd rate.

Brush, greasewood and mesquite.

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

N. $89^{\circ} 51'$ E. on a random line through the middle of the
S. half of sec. 4, setting temp. cors. at intervals of
20.00 chs.

79.92 Intersect the $1/16$ sec. cor. No. 12, bet. secs. 3 and 4 ($S\frac{1}{2}$)

Thence I run

S. $89^{\circ} 51'$ W. on a true line through the middle of the S.
half of sec. 4.

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. 4, with cap stamped

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

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

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

No 10 in N.
 $1/16$ S 4 in center
1911 in S.

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

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

No 9 in N.
 $1/16$ S 4 in center
1911 in S.

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

79.92 The $1/16$ sec. cor. No. 12, bet. secs. 4 and 5 ($S\frac{1}{2}$).

Land, level.

Soil, 2nd rate.

Brush, sage and mesquite.

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

Chains

April 4, 1911. At the cor. of secs. 4, 5, 8 and 9, I set off $5^{\circ} 30'$ N. on the decl. arc, and at 12h 03m 19s p.m. l.m.t., observe the sun on the meridian; the resulting lat. is $33^{\circ} 06'$, which is within one minute of the proper lat.

From the above described cor., I run

S. $0^{\circ} 02'$ E. on a true line bet. secs. 8 and 9.

Over level land, through brush.

- 20.00 Set an iron post for the $1/16$ sec. cor. No. 6, bet. secs. 8 and 9 ($N\frac{1}{2}$), with cap stamped

$1/16$ S 8 in W. half
S 9 in E. half
No 6 in N.
1911 in S.

Dig pits $18 \times 18 \times 12$ 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, with cap stamped

$\frac{1}{4}$ S 8 in W. half
S 9 in E. half
1911 in S.

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

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

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

$1/16$ S 8 in W. half
S 9 in E. half
No 12 in N.
1911 in S.

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

- 71.10 Road, brs. NE. and SW.

- 85.11 Intersect the S. bdy. of the reservation, at a point from which the cor. of secs. 9 and 10 brs. S. $89^{\circ} 41'$ E., 80.00 chs. dist.

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

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

4 notches on E. and 2 notches on W. edge

Dig pits $24 \times 24 \times 12$ ins. in each sec. 6 ft. dist.; and raise a mound of earth 4 ft. base, 2 ft. high, N. of cor.

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

Chains

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

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

N. 89° 48' E. on a random line through the middle of the
N. half of sec. 9, setting temp. cors. at intervals of
20.00 chs.

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

Thence I run

S. 89° 52' W. on a true line through the middle of the N.
half of sec. 9.

Over level land, through brush.

15.00 Post aerral, 200x300 ft., brs. N., 150 lks. dist.

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

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.

25.00 Road, brs. NE. and SW.

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

No 4 in N.
1/16 S 9 in center
1921 in S.

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

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

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

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.;
and raise a mound of earth 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. 8 and 9. (N $\frac{1}{2}$).

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

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

Chains

- From the $\frac{1}{4}$ sec. cor. bet. secs. 8 and 9, I run
 N. $89^{\circ} 51'$ E. on a random line through the middle of ~~the~~
 sec. 9, setting temp. cors. at intervals of 20.00 chs.
- 79.88 Falls 7 lks. N. of the $\frac{1}{4}$ sec. cor. bet. secs. 9 and 10.
 Thence I run
 S. $89^{\circ} 54'$ W. on a true line through the middle of sec. 9.
 Over level land, through brush.
- 19.97 Set an iron post for the $1/16$ sec. cor. No. 7, bet. the
 NE. and SE. quarters of sec. 9, with cap stamped
- No 7 in N.
 $1/16$ S 9 in center
 1911 in S.
- Dig pits $18 \times 18 \times 12$ ins. E. and W. of post 3 ft. dist.;
 and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high,
 N. of cor.
- 39.94 Set an iron post for center $\frac{1}{4}$ sec. cor. of sec. 9, with
 cap stamped
- C $\frac{1}{4}$ S 9 in center
 1911 in S.
- Dig pits $18 \times 18 \times 12$ ins. E., W. and S., 3 ft., and N. of
 post 7 ft. dist.; and raise a mound of earth 4 ft. base,
 2 ft. high, N. of cor.
- 46.00 Road, brs. NE. and SW.
- 59.91 Set an iron post for $1/16$ sec. cor. No. 8, bet. the NW.
 and SW. quarters of sec. 9, with cap stamped
- No 8 in N.
 $1/16$ S 9 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.
- 79.88 The $\frac{1}{4}$ sec. cor. bet. secs. 8 and 9.
- Land, level.
 Soil, 2nd rate.
 Brush, sage and mesquite.
-
- From the $1/16$ sec. cor. No. 12, bet. secs. 8 and 9 ($8\frac{1}{2}$),
 I run
- N. $89^{\circ} 48'$ E. on a random line through the middle of the
 S. half of sec. 9, setting temp. cors. at intervals of
 20.00 chs.
- 79.88 Falls 2 lks. N. of the $1/16$ sec. cor. No. 12, bet. secs.
 9 and 10 ($8\frac{1}{2}$).
- Thence I run
- S. $89^{\circ} 49'$ W. on a true line through the middle of the
 S. half of sec. 9.

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

Chains

Over level land, through brush.

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

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

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

- 39.94 Set an iron post for 1/16 sec. cor. No. 10, bet. the SE. and SW. quarters of sec. 9, with cap stamped

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

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

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

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

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

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

Land, level.

Soil, 2nd rate.

Brush, greasewood, sage and mesquite.

April 4, 1911.

April 5, 1911. At 7.00 a.m., l.m.t., I set off 33° 07' on the lat. arc, 5° 49' N., on the decl. arc; and determine a meridian with the solar, at the cor. of secs. 5, 6, 31 and 32, on N. bdy. of Tp., previously described.

Thence I run

S. 0° 03' E. bet. secs. 5 and 6.

Over level land, through brush.

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

1/16 S 6 in W. half
S 5 in E. half
No 6 in N.
1911 in S.

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

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

Chains

40.00 Set an iron post for $\frac{1}{4}$ sec. cor. bet. secs. 5 and 6, with cap stamped

$\frac{1}{4}$ S 6 in W. half
S 5 in E. half
1911 in S.

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

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

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

$\frac{1}{16}$ S 6 in W. half
S 5 in E. half
No 12 in N.
1911 in S.

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

80.00 Set an iron post for the cor. of secs. 5, 6, 7 and 8, with cap stamped

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

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

Dig pits 18x18x12 ins. 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, sage and mesquite.

N. $89^{\circ} 51'$ E. on a random line bet. secs. 5 and 8, setting temp. cors. at intervals of 20.00 chs.

80.08 Falls 2 lks. S. of the cor. of secs. 4, 5, 8 and 9.

Thence I run

S. $89^{\circ} 50'$ W. on a true line bet. secs. 5 and 8.

Over level land, through brush.

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

No 1 $\frac{1}{16}$ 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.

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Chains

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

$\frac{1}{4}$ S 5 in N. half
S 8 1911 in S. half

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

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

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

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.

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

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

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

N. $89^{\circ} 51'$ E. on a random line through the middle of the N. half of sec. 5, setting temp. cors. at intervals of 20.00 chs.

80.04 Intersect the $\frac{1}{16}$ sec. cor. No. 6, bet. secs. 4 and 5 ($N\frac{1}{2}$).

Thence I run

S. $89^{\circ} 51'$ W. on a true line through the middle of the N. half of sec. 5.

Over level land, through brush.

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

No 5 in N.
 $\frac{1}{16}$ S 5 in center
1911 in S.

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

20.20 Road, brs. NE. and SW.

40.02 Set an iron post for the $\frac{1}{16}$ sec. cor. No. 4, bet. the NE. and NW. quarters of sec. 5, with cap stamped

No 4 in N.
 $\frac{1}{16}$ S 5 in center
1911 in S.

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

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

| Chains | |
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| | and raise a mound of earth 3½ ft. base, 1½ ft. high, N. of cor. |
| 60.03 | Set an iron post for 1/16 sec. cor. No. 3, in the center of the NW¼ of sec. 5, with cap stamped No 3 in N. 1/16 S 5 in center 1911 in S. Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise a mound of earth 3½ ft. base, 1½ ft. high, N. of cor. |
| 80.04 | The 1/16 sec. cor. No. 6, bet. secs. 5 and 6 (N½). Land, level. Soil, 2nd rate. Brush, sage and mesquite. ----- From the ¼ sec. cor. bet. secs. 5 and 6, I run N. 89° 51' E. on a random line through the middle of sec. 5, setting temp. cors. at intervals of 20.00 chs. |
| 80.04 | Falls 8 lks. S. of the ¼ sec. cor. bet. secs. 4 and 5. Thence I run S. 89° 48' W. on a true line through the middle of sec. 5. Over level land, through brush. |
| 20.01 | Set an iron post for 1/16 sec. cor. No. 7, bet. the NE¼ and SE¼ of sec. 5, with cap stamped No 7 in N. 1/16 S 5 in center 1911 in S. Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise a mound of earth 3½ ft. base, 1½ ft. high, N. of cor. |
| 40.02 | Set an iron post for center ¼ sec. cor. of sec. 5, with cap stamped C ¼ S 5 in center 1911 in S. Dig pits 18x18x12 ins. E., W. and S., 3 ft., and N. of post 7 ft. dist.; and raise a mound of earth 4 ft. base, 2 ft. high, N. of cor. |
| 60.03 | Set an iron post for 1/16 sec. cor. No. 8, bet. the NW. and SW. quarters of sec. 5, with cap stamped No 8 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 3½ ft. base, 1½ ft. high, N. of cor. |
| 80.04 | The ¼ sec. cor. bet. secs. 5 and 6. Land, level. |

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

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| Chains | <p>Soil, 2nd rate. Brush, sage and mesquite.</p> <p>-----</p> <p>From the 1/16 sec. cor. No. 12, bet. secs. 5 and 6 ($S\frac{1}{2}$), I run</p> <p>N. $89^{\circ} 51'$ E. on a random line through the middle of the S. half of sec. 5, setting temp. cors. at intervals of 20.00 chs.</p> <p>80.08 Falls 2 lks. S. of the 1/16 sec. cor. No. 12, bet. secs. 4 and 5 ($S\frac{1}{2}$).</p> <p>Thence I run</p> <p>S. $89^{\circ} 50'$ W. on a true line through the middle of the S. half of sec. 5,</p> <p>Over level land, through brush.</p> <p>20.02 Set an iron post for 1/16 sec. cor. No. 11, in the $SE\frac{1}{4}$ of sec. 5, with cap stamped</p> <p>No 11 in N. 1/16 S 5 in center 1911 in S.</p> <p>Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, N. of cor.</p> <p>40.04 Set an iron post for the 1/16 sec. cor. No. 10, bet. the SE. and SW. quarters of sec. 5, with cap stamped</p> <p>No 10 in N. 1/16 S 5 in center 1911 in S.</p> <p>Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, N. of cor.</p> <p>60.06 Set an iron post for 1/16 sec. cor. No. 9, in the center of the $SW\frac{1}{4}$ of sec. 5, with cap stamped</p> <p>No 9 in N, 1/16 S 5 in center 1911 in S.</p> <p>Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, N. of cor.</p> <p>80.08 The 1/16 sec. cor. No. 12, bet. secs. 5 and 6 ($S\frac{1}{2}$).</p> <p>Land, level. Soil, 2nd rate. Brush, sage and mesquite.</p> <p>-----</p> <p>From the cor. of secs. 5, 6, 7 and 8, I run</p> <p>S. $89^{\circ} 51'$ W. on a random line bet. secs. 6 and 7, setting temp. cors. at intervals of 20.00 chs.</p> <p>78.80 Falls 12 lks. N. of the cor. of secs. 1, 6, 7 and 12, on</p> |
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Subdivision of T. 4 S., R. 4 E.

Chains

W. bdy. of Tp., previously described.

Thence I run

N. 89° 46' E. on a true line bet. secs. 6 and 7.

Over level land, through brush.

18.80 Set an iron post for 1/16 sec. cor. No. 2, bet. secs. 6 and 7 ($W\frac{1}{2}$), with cap stamped

No 2 1/16 S 6 in N. half
S 7 1911 in S. half

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

38.80 Set an iron post for the $\frac{1}{4}$ sec. cor. bet. secs. 6 and 7, with cap stamped

$\frac{1}{4}$ S 6 in N. half
S 7 1911 in S. half

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

58.80 Set an iron post for 1/16 sec. cor. No. 1, bet. secs. 6 and 7 ($W\frac{1}{2}$), with cap stamped

No 1 1/16 S 6 in N. half
S 7 1911 in S. half

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

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

Land, level.

Soil, 2nd rate.

Brush, sage and mesquite.

April 5, 1911

April 6, 1911. At 7.00 a.m., l.m.t., I set off 33° 07' on the lat. arc, 6° 12' N. on the decl. arc, and determine a meridian with the solar, at the 1/16 sec. cor. No. 6, bet. secs. 5 and 6 ($N\frac{1}{2}$).

Thence I run

S. 89° 51' W. on a random line through the middle of the N. half of sec. 6, setting temp. cors. at intervals of 20.00 chs.

78.70 Falls 8 lks. N. of the 1/16 sec. cor. No. 6, bet. secs. 1 and 6 ($N\frac{1}{2}$), on W. bdy. of Tp., previously described.

Thence I run

N. 89° 48' E. on a true line through the middle of the N. half of sec. 6.

Over level land, through brush.

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

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

| Chains | |
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| | <p>of the NW$\frac{1}{4}$ of sec. 6, with cap stamped</p> <p>No 3 in N. 1/16 S 6 in center 1911 in S.</p> <p>Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise a mound of earth 3$\frac{1}{2}$ ft. base, 1$\frac{1}{2}$ ft. high, N. of cor.</p> |
| 38.70 | <p>Set an iron post for 1/16 sec. cor. No. 4, bet. the NE. and NW. quarters of sec. 6, with cap stamped</p> <p>No 4 in N. 1/16 S 6 in center 1911 in S.</p> <p>Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise a mound of earth 3$\frac{1}{2}$ ft. base, 1$\frac{1}{2}$ ft. high, N. of cor.</p> |
| 58.70 | <p>Set an iron post for 1/16 sec. cor. No. 5, in the center of the NE$\frac{1}{4}$ of sec. 6, with cap stamped</p> <p>No 5 in N. 1/16 S 6 in center 1911 in S.</p> <p>Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise a mound of earth 3$\frac{1}{2}$ ft. base, 1$\frac{1}{2}$ ft. high, N. of cor.</p> |
| 78.70 | <p>The 1/16 sec. cor. No. 6, bet. secs. 5 and 6 (N$\frac{1}{2}$).</p> <p>Land, level. Soil, 2nd rate. Brush, sage and mesquite.</p> <p>-----</p> <p>From the $\frac{1}{4}$ sec. cor. bet. secs. 5 and 6, I run</p> <p>S. 89° 51' W. on a random line through the middle of sec. 6, setting temp. corms. at intervals of 20.00 chs.</p> |
| 78.74 | <p>Falls 8 lks. N. of the $\frac{1}{4}$ sec. cor. bet. secs. 1 and 6, on W. bdy. of Tp., previously described.</p> <p>Thence I run</p> <p>N. 89° 48' E. on a true line through the middle of sec. 6. Over level land, through brush.</p> |
| 18.74 | <p>Set an iron post for 1/16 sec. cor. No. 8, bet. the NW. and SW. quarters of sec. 6, with cap stamped</p> <p>No 8 in N. 1/16 S 6 in center 1911 in S.</p> <p>Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise a mound of earth 3$\frac{1}{2}$ ft. base, 1$\frac{1}{2}$ ft. high, N. of cor.</p> |
| 38.74 | <p>Set an iron post for center $\frac{1}{4}$ sec. cor. of sec. 6, with cap stamped.</p> |

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

Chains

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

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

- 58.74 Set an iron post for 1/16 sec. cor. No. 7, bet. the NE. and SE. quarters of sec. 6, with cap stamped

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

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

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

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

S. 89° 51' W. on a random line through the middle of the S. half of sec. 6, setting temp. cors. at intervals of 20.00 chs.

- 78.75 Falls 9 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° 47' E. on a true line through the middle of the S. half of sec. 6.

Over level land, through brush.

- 18.75 Set an iron post for 1/16 sec. cor. No. 9, in the center of the SW $\frac{1}{4}$ of sec. 6, with cap stamped

No 9 in N.
1/16 S 6 in center
1911 in S.

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

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

No 10 in N.
1/16 S 6 in center
1911 in S.

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

- 58.75 Set an iron post for 1/16 sec. cor. No. 11, in the center of the SE $\frac{1}{4}$ of sec. 6, with cap stamped

Chains

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 3½ ft. base, 1½ ft. high,
N. of cor.

78.75 The 1/16 sec. cor. No. 12 bet. secs. 5 and 6 (S½).
Land, level.
Soil, 2nd rate.
Brush, sage and mesquite.

----- April 6, 1911. -----

April 5, 1911. At the cor. of secs. 5, 6, 7 and 8, I set
off 5° 49' N. on the decl. arc, and at 12h 03m 02s p.m.
l.m.t., observe the sun on the meridian; the resulting
lat. is 33° 07', which is within one minute of the pro-
per lat.

From the above described cor., I run

S. 0° 03' E. on a true line bet. secs. 7 and 8.

Over level land, through brush.

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

1/16 S 7 in W. half
S 6 in E. half
No 6 in N.
1911 in S.

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

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

¼ S 7 in W. half
S 8 in E. half
1911 in S.

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

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

60.00 Set an iron post for 1/16 sec. cor. No. 12, bet. secs. 7
and 8 (S½), with cap stamped

1/16 S 7 in W. half
S 8 in E. half
No 12 in N.
1911 in S.

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

84.40 Intersect the S. bdy. of the reservation, at a point from
which the cor. of secs. 7 and 12, on the W.bdy. of Tp.,
brs. N. 89° 35' W., 79.00 chs. dist.

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

Chains

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

G R I R in N.

T 4 S S 8 in NE.

R 4 E S 7 in NW.

1911 in S.

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

Dig pits 24x24x12 ins. in each sec. 6 ft. dist.; and raise a mound of earth 4 ft. base, 2 ft. high, N. of cor.

Land, level.

Soil, 2nd rate.

Sage and mesquite brush.

From the 1/16 sec. cor. No. 6, bet. secs. 7 and 8 ($N\frac{1}{2}$)
I run

N. $89^{\circ} 50'$ E. on a random line through the middle of the N. half of sec. 8, setting temp. cors. at intervals of 20.00 chs.

80.12 Falls 2 lks. N. of the 1/16 sec. cor. No. 6, bet. secs. 8 and 9 ($N\frac{1}{2}$).

Thence I run

S. $89^{\circ} 51'$ W. on a true line through the middle of the N. half of sec. 8.

Over level land, through brush.

20.03 Set an iron post for the 1/16 sec. cor. No. 5, in the center of the $NE\frac{1}{4}$ of sec. 8, with cap stamped

No 5 in N.

1/16 S 8 in center

1911 in S.

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise a mound of earth $3\frac{1}{2}$ 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. 8, with cap stamped

No 4 in N.

1/16 S 8 in center

1911 in S.

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise a mound of earth $3\frac{1}{2}$ 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. 8, with cap stamped

No 3 in N.

1/16 S 8 in center

1911 in S.

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

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

| Chains | |
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| 80.12 | <p>The 1/16 sec. cor. No. 6, bet. secs. 7 and 8 ($N\frac{1}{2}$).</p> <p>Land, level. Soil, 2nd rate. Brush, sage and mesquite.</p> <p>-----</p> <p>From the $\frac{1}{4}$ sec. cor. bet. secs. 7 and 8, I run</p> <p>N. $89^{\circ} 50'$ E. on a random line through the middle of sec. 8, setting temp. cors. at intervals of 20.00 chs.</p> |
| 80.12 | <p>Falls 2 lks. N. of the $\frac{1}{4}$ sec. cor. bet. secs. 8 and 9.</p> <p>Thence I run</p> <p>S. $89^{\circ} 51'$ W. on a true line through the middle of sec. 8.</p> <p>Over level land, through brush.</p> |
| 20.03 | <p>Set an iron post for 1/16 sec. cor. No. 7, bet. the NE. and SE. quarters of sec. 8, with cap stamped</p> <p style="padding-left: 40px;">No 7 in N. 1/16 S 8 in center 1911 in S.</p> <p style="padding-left: 40px;">Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, N. of cor.</p> |
| 40.06 | <p>Set an iron post for center $\frac{1}{4}$ sec. cor. of sec. 8, with cap stamped</p> <p style="padding-left: 40px;">C $\frac{1}{4}$ S 8 in center 1911 in S.</p> <p style="padding-left: 40px;">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> |
| 60.09 | <p>Set an iron post for 1/16 sec. cor. No. 8, bet. the NW. and SW. quarters of sec. 8, with cap stamped</p> <p style="padding-left: 40px;">No 8 in N. 1/16 S 8 in center 1911 in S.</p> <p style="padding-left: 40px;">Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, N. of cor.</p> |
| 80.12 | <p>The $\frac{1}{4}$ sec. cor. bet. secs. 7 and 8.</p> <p>Land, level. Soil, 2nd rate. Brush, sage and mesquite.</p> <p>-----</p> <p>From the 1/16 sec. cor. No. 12, bet. secs. 7 and 8 ($S\frac{1}{2}$) I run</p> <p>N. $89^{\circ} 50'$ E. on a random line through the middle of the S. half of sec. 8, setting temp. cors. at intervals of sec. 8.</p> |
| 80.12 | <p>Falls 2 lks. N. of the 1/16 sec. cor. No. 12, bet. secs. 8 and 9 ($S\frac{1}{2}$).</p> |

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

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| Chains | <p>Thence I run</p> <p>S. 89° 51' W. on a true line through the middle of the S. half of sec. 8.</p> <p>Over level land, through brush.</p> <p>20.03 Set an iron post for 1/16 sec. cor. No. 11, in the center of the SE$\frac{1}{4}$ of sec. 8, with cap stamped</p> <p>No 11 in N. 1/16 S 8 in center 1911 in S.</p> <p>Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise a mound of earth 3$\frac{1}{2}$ ft. base, 1$\frac{1}{2}$ ft. high, N. of cor.</p> <p>40.06 Set an iron post for 1/16 sec. cor. No. 10, bet. the SE. and SW. quarters of sec. 8, with cap stamped</p> <p>No 10 in N. 1/16 S 8 in center 1911 in S.</p> <p>Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise a mound of earth 3$\frac{1}{2}$ ft. base, 1$\frac{1}{2}$ ft. high, N. of cor.</p> <p>60.09 Set an iron post for 1/16 sec. cor. No. 9, in the center of the SW$\frac{1}{4}$ of sec. 8, with cap stamped</p> <p>No 9 in N. 1/16 S 8 in center 1911 in S.</p> <p>Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise a mound of earth 3$\frac{1}{2}$ ft. base, 1$\frac{1}{2}$ ft. high, N. of cor.</p> <p>80.12 The 1/16 sec. cor. No. 12, bet. secs. 7 and 8 (S$\frac{1}{2}$).</p> <p>Land, level. Soil, 2nd rate. Brush, sage and mesquite.</p> <p>April 5, 1911.</p> <p>-----</p> <p>April 6, 1911. At the 1/16 sec. cor. No. 6, bet. secs. 7 and 8 (N$\frac{1}{2}$), I set off 6° 15' N. on the decl. arc, and at 12h 2m 44s p.m., l.m.t., observe the sun on the meridian; the resulting lat. is 33° 06', which is within one minute of the proper lat.</p> <p>-----</p> <p>From the above described 1/16 sec. cor., I run</p> <p>S. 89° 46' W. on a random line through the middle of xx the N. half of sec. 7, setting temp. cors. at intervals of 20.00 chs.</p> <p>78.85 Intersect the 1/16 sec. cor. No. 6, bet. secs. 7 and 12, N$\frac{1}{2}$ on W. bdy. of Tp., previously described.</p> <p>Thence I run</p> |
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Subdivision of T. 4 S., R. 4 E.

Chains

N. 89° 46' E. on a true line through the middle of the N. half of sec. 7.

Over level land, through brush.

2.00 Santa Cruz Wash, 2.00 chs. wide, course NW.

18.85 Set an iron post for 1/16 sec. cor. No. 3, in the center of the NW $\frac{1}{4}$ of sec. 7, with cap stamped

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

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

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

No 4 in N.
1/16 S 7 in center
1911 in S.

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

58.85 Set an iron post for 1/16 sec. cor. No. 5, in the center of the NE $\frac{1}{4}$ of sec. 7, with cap stamped

No 5 in N.
1/16 S 7 in center
1911 in S.

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

78.85 The 1/16 sec. cor. No. 6, bet. secs. 7 and 8 (N $\frac{1}{2}$).

Land, level.

Soil, 2nd rate.

Brush, sage and mesquite.

From the $\frac{1}{4}$ sec. cor. bet. secs. 7 and 8, I run

S. 89° 46' W. on a random line through the middle of sec. 7, setting temp. cors. at intervals of 20.00 chs.

78.90 Intersect the $\frac{1}{4}$ sec. cor. bet. secs. 7 and 12, on W. bdy. of Tp., previously described.

Thence I run

N. 89° 46' E. on a true line through the middle of sec. 7.

Over level land, through brush.

14.00 Santa Cruz Wash, 2.00 chs. wide, course SW.

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

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

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

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| Chains | <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> |
| 38.90 | <p>Set an iron post for the center ¼ sec. cor. of sec. 8, with cap stamped</p> <p>C ¼ S 8 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> |
| 58.90 | <p>Set an iron post for 1/16 sec. cor. No. 7, bet. the NE. and SE. quarters of sec. 8, with cap stamped</p> <p>No 7 in N. 1/16 S 8 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> |
| 78.90 | <p>The ¼ sec. cor. bet. secs. 7 and 8.</p> <p>Land, level. Soil, 2nd rate. Brush, sage and mesquite.</p> <p>-----</p> <p>From the 1/16 sec. cor. No. 12, bet. secs. 7 and 8, (S½), I run</p> <p>S. 89° 46' W. on a random line through the middle of the S. half of sec. 7, setting temp. cors. at intervals of 20.00 chs.</p> |
| 78.95 | <p>Intersect the 1/16 sec. cor. No. 12, bet. secs. 7 and 12, (S½), on W. bdy. of Tp., previously described.</p> <p>Thence I run</p> <p>N. 89° 46' E. on a true line through the middle of the S. half of sec. 7.</p> <p>Over level land,</p> |
| 17.00 | <p>Santa Cruz Wash, 200 lks. wide, course SW.</p> |
| 18.95 | <p>Set an iron post for 1/16 sec. cor. No. 9, in the center of the SW¼ of sec. 7, with cap stamped</p> <p>No 9 in N. 1/16 S 7 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> |
| 38.95 | <p>Set an iron post for 1/16 sec. cor. No. 10, bet. the SE. and SW. quarters of sec. 7, with cap stamped</p> <p>No 10 in N. 1/16 S 7 in center 1911 in S.</p> |

Subdivision of T. 4 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.

58.95 Set an iron post for 1/16 sec. cor. No. 11, in the center
of the SE¼ of sec. 7, with cap stamped

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

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.

78.95 The 1/16 sec. cor. No. 12, bet. secs. 7 and 8 (S½).

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

April 6, 1911.

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

Chains

GENERAL DESCRIPTION.

The land in this township is level; and the soil is all of the same general character, - a hard brown alkali that can be classed as second rate. It is arid, and will grow no crops without irrigation. The east half of the township is covered with low greasewood brush, and a variety of sage about two feet high. The west half is covered with a scattered second growth of mesquite, the larger trees having been cut for wood.

Several of the smaller varieties of cactus grow all over the township.

The land without irrigation is valueless for pasture or agriculture.

R. A. Farmer
Topographer,

- List of Assistants:
- H. W. Van Noate, Chairman
 - Fred'k C. Miller, "
 - W. G. Thompson, Flagman
 - Robt. Blower, Moundsman
 - Geo. Lang, Axman
 - Tom Barkley, Axman
 - Lee C. Daves, Instrumentman

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

I hereby certify that the survey of subdivision lines in T. 4 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 the instructions given me dated Oct. 11, 1910, and the Manual of Surveying Instructions, and that these field notes are a correct representation thereof.

A. F. Drummond

Topographer in Charge of
Indian Surveys.

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

of the Meridian, in the State of
which are represented in the foregoing field notes as having been executed by him, and under his direction; and that said survey has been, in all respects, to the best of our knowledge and belief, well and faithfully executed.

[illegible]

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

50

FINAL OATH OF UNITED STATES SURVEYOR.

I, _____, U. S. Surveyor, do solemnly swear that, in pursuance of special instructions received from the U. S. Surveyor General for _____ bearing date of the _____ day of _____, 191____, I have well, faithfully, and truly, in my own proper person, and in strict conformity with said instructions, the Manual of Surveying Instructions, and the laws of the United States, surveyed all those parts or portions of _____

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

_____ of the _____ Meridian, in the State of _____, which are represented in the foregoing field notes as having been executed by me, and under my direction; and I do further solemnly swear that all the corners of said survey have been established and perpetuated in strict accordance with the Manual of Surveying Instructions, and the special written instructions of the U. S. Surveyor General for _____ and in the specific manner described in the field notes, and that the foregoing are the original field notes of such survey.

U. S. Surveyor.

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



APPROVAL.

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

Washington, D.C., Sept., 1, 1920

The foregoing field notes of the survey of subdivision lines in T. 4 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, _____, 191____, having been under his special instructions dated _____, critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved.

(Signed) Clay Tallman
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.