

3422

JUN 17 1927

Book "E"

Duplicate

4-679

BOOK 3422

FIELD NOTES

OF THE SURVEY OF THE

RESURVEY OF

Subdivision and Meander Lines

in

TOWNSHIP 15 SOUTH RANGE 13 EAST
and Rancho de Martinez

Within the Papago Indian Reservation

Of the Gila & Salt River Base and Meridian,

In the State of Arizona

EXECUTED BY

Charles M. Leedy

In the capacity of U. S. Surveyor, under instructions dated Oct. 6, 1914,

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 January 18, 1915

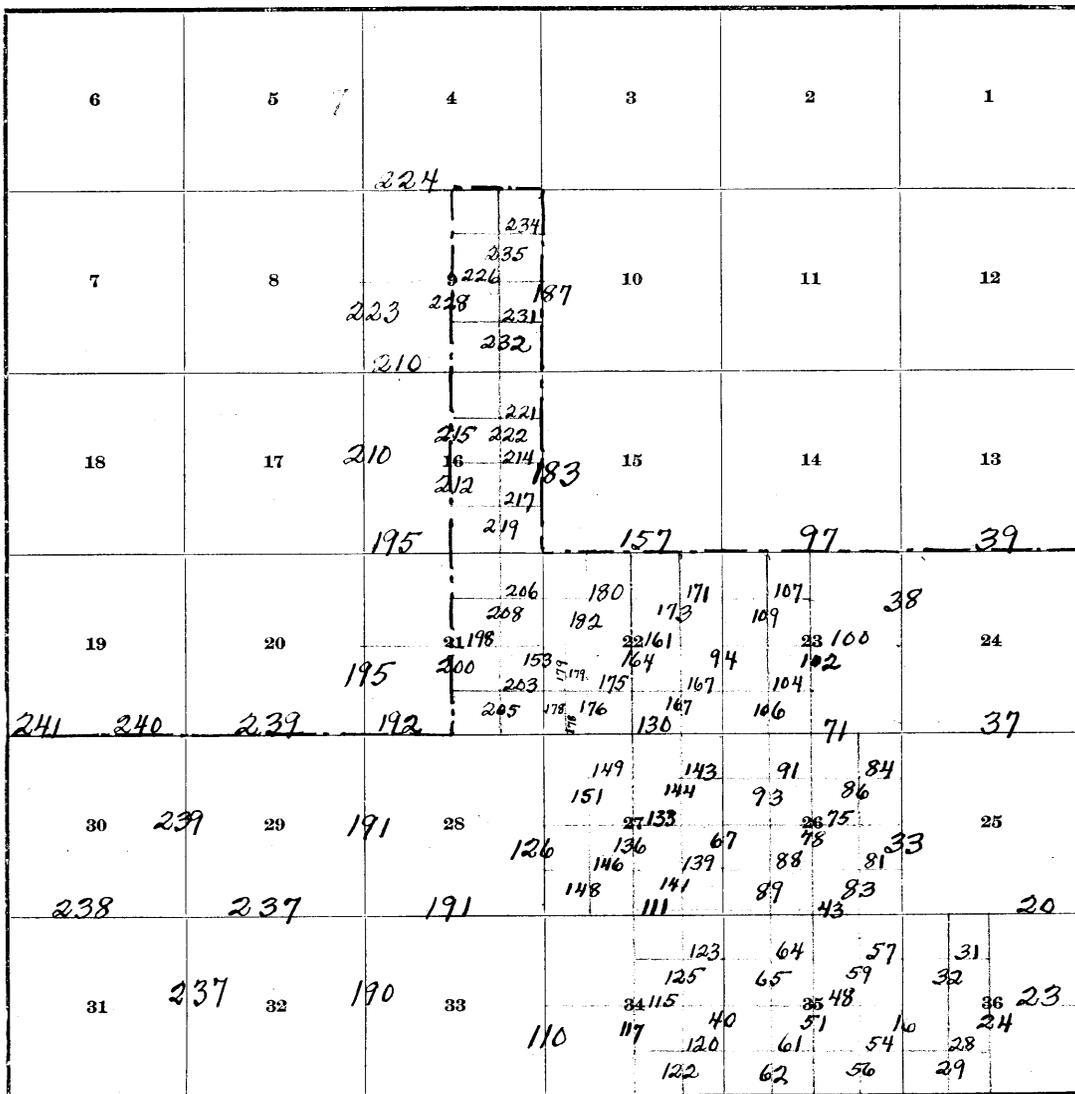
Survey completed April 1, 1915

1A

COCK 8422

INDEX DIAGRAM.

Township 15 South, Range 13 East



Pages

- Meanders of Right bank of Santa Cruz River - 242 to 244¹
- Meanders of Left bank of Santa Cruz River - 244 to 248
- Resurvey of Rancho de Martinez, - - - - - 249 to 255

Resurvey of Subdivision lines of T. 15 S., R. 13 E.

Survey commenced Jan. 18, 1915, by Charles M. Leedy, U. S. Surveyor, and executed with a Young and Sons' light mountain transit No. 8501, 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 the regular General Land Office iron posts 36 ins. long, set 26 ins. in the ground, filled with cement and fitted with brass caps. The posts at section corners are 2 inches in diameter, except when on the reservation boundary, when the 3-inch post is used. The posts at all other corners are 1 inch in diameter.

The SE. cor. of this township is in Latitude $32^{\circ} 05' N.$, and Longitude $110^{\circ} 58' W.$

I examine the adjustments of the transit, and correct the level and collimation errors; then to test the solar apparatus by comparing its indications, resulting from solar observations made during a.m. and p.m. hours with a meridian determined by observations on Polaris, I proceed as follows -

Jan. 3, 1915: at camp which is near the $\frac{1}{4}$ sec. cor. bet. secs. 22 and 27 -

Lat. $32^{\circ} 07' N.$
Long. $111^{\circ} 00' W.$

At $0^h 40.1^m$ a.m., by my watch which has been set to l.m.t., I observe Polaris at Western Elongation, in accordance with the Manual of Instructions, and mark a point in the line thus determined on a hub 5 chs. northerly of my station.

At $6^h 0^m$ a.m., l.m.t., I lay off the azimuth of Polaris, $1^{\circ} 21'$ to the E. and mark the meridian thus determined by a tack in a hub set firmly in the ground, about 5 chs. N. of my station.

At $8^h 0^m$ a.m., l.m.t., I set off $32^{\circ} 7'$ on lat. arc, and $22^{\circ} 50\frac{1}{2}' S.$ on decl. arc, and mark a point determined with the solar by a cross on the hub already set 5 chs. N. of my station; this mark falls less than $\frac{1}{4}' E.$ of the meridian as established by Polaris observation.

At $4^h 0^m$ p.m., l.m.t., I set off $32^{\circ} 7'$ on lat. arc, and $22^{\circ} 48\frac{1}{2}' S.$ on decl. arc, and mark a point in the meridian thus determined, by a cross on the hub already set 5 chs. N. of my station; This mark falls less than $\frac{1}{4}' W.$ of the meridian established by Polaris observations.

Resurvey of Subdivision lines of T. 15 S., R. 13 E.

Chains

The solar apparatus by a.m. and p.m. observations, defines positions for meridians within less than $\frac{1}{2}$ ' of the meridian established by Polaris observations; therefore, I conclude that the adjustments of the instrument are satisfactory.

Jan. 3, 1915.

Jan. 18, 1915. At 8^h 0^m a.m., l.m.t., I set off 32° 5' on lat. arc, and 20° 38' S. on decl. arc, and determine a meridian with the solar at the S. C. of secs. 35 and 36, on S. bdy. of tp., previously described.

Thence I run

N. retracing line bet. secs. 35 and 36, setting temp. 1/16, 1/64 and 1/256 sec. cors.

40.00

Unable after diligent search to find any trace of old $\frac{1}{4}$ sec. cor. Set temp. cor.

80.00

Unable after diligent search to find any trace of old cor. of secs. 25, 26, 35 and 36. Set temp. cor.

Continue N. retracing the line bet. secs. 25 and 26, setting temp. 1/16, 1/64 and 1/256 sec. cors.

40.00

Unable after diligent search to find any trace of old $\frac{1}{4}$ sec. cor. Set temp. cor.

Jan. 18, 1915. At this temp. cor. I set off 22° 37 $\frac{1}{2}$ ' S. on decl. arc, and at apparent noon observe the sun on the meridian; the resulting lat. is 32° 6' which is within 1' of the proper lat.

80.00

Unable after diligent search to find any trace of old cor. of secs. 23, 24, 25 and 26. Set temp. cor.

Continue N. retracing line bet. secs. 23 and 24.

40.00

Unable after diligent search to find any trace of old $\frac{1}{4}$ sec. cor. Set temp. cor.

80.00

Unable after diligent search to find any trace of old cor. of secs. 13, 14, 23 and 24. Set temp. cor.

Jan. 18, 1915.

January 19, 1915. At 8^h 0^m a.m., l.m.t., I set off 32° 7 $\frac{1}{2}$ ' on lat. arc, and 20° 26' S. on decl. arc,

Resurvey of Subdivision lines of T. 15 S., R 13 E.

Chains

and determine a meridian with the solar at the temp. cor. of secs. 13, 14, 23 and 24.

Thence N. retracing line bet. secs. 13 and 14.

40.00 Unable after diligent search to find any trace of old $\frac{1}{4}$ sec. cor. Set temp. cor.

80.00 Unable after diligent search to find any trace of old cor. of secs. 11, 12, 13 and 14. Set temp. cor.

Continue N. retracing line bet. secs. 11 and 12.

40.00 Unable after diligent search to find any trace of old $\frac{1}{4}$ sec. cor. Set temp. cor.

Jan. 19, 1915: at this temp. cor. I set off $20^{\circ} 25'$ S. on decl. arc, and at apparent noon, observe the sun on the meridian. The resulting lat. is $32^{\circ} 8\frac{1}{2}'$ which is within $1'$ of the proper lat.

80.00 Unable after diligent search to find any trace of old cor. of secs. 1, 2, 11 and 12. Set temp. cor.

Continue N. retracing line bet. secs. 1 and 2.

40.00 Unable after diligent search to find any trace of old $\frac{1}{4}$ sec. cor. Set temp. cor.

81.91 Fall 98 lks. W. of temp reestablished cor. of secs. 1, 2, 35 and 36, on N. bdy. of tp. previously described.

Note: The temp. cors. are adjusted to their proportionate positions on meridional line.

(Mean bearing of N. $0^{\circ} 07'$ E.)

Increases original distances by 26 lks. per mile.

January 19, 1915.

Jan. 20, 1915. At $8^h 0^m$ a.m., l.m.t., I set off $32^{\circ} 5'$ on lat. arc, and $20^{\circ} 13'$ S. on decl. arc, and determine a meridian with the solar at true point for the S. C. of secs. 34 and 35, on S. bdy. of tp., previously described.

Thence N. retracing line bet. secs. 34 and 35.

Setting temp. $1/16$, $1/64$ and $1/256$ sec. cors.

40.00 Unable after diligent search to find any trace of old $\frac{1}{4}$ sec. cor. Set temp. cor.

80.00 Unable after diligent search to find any trace of old cor. of secs. 26, 27, 34 and 35. Set temp. cor.

Resurvey of Subdivision lines of T. 15 S., R. 13 E.

BOOK 3422

Chains

Continue N. retracing line bet. secs. 26 and 27,
setting temp. 1/16. 1/64 and 1/256 sec. cors.

40.00

Unable after diligent search to find any trace of
old $\frac{1}{4}$ sec. cor. Set temp. cor.

Jan. 20, 1915. At this temp. cor. I set off 20°
13' S. on decl. arc, and at apparent noon ob-
serve the sun on the meridian; the resulting
lat. is 32° 6' which is within 1' of the proper
lat.

80.00

Unable after diligent search to find any trace of
the old cor. of secs. 22, 23, 26 and 27. Set temp.
cor.

Continue N. retracing line bet. secs. 22 and 23,
setting temp. 1/16. 1/64 and 1/256 sec. cors.

40.00

Unable after diligent search to find any trace
of old $\frac{1}{4}$ sec. cor. Set temp. cor.

80.00

Unable after diligent search to find any trace of
old cor. of secs. 14, 15, 22 and 23. Set temp.
cor.

Jan. 20, 1915.

Jan. 21, 1915. At 8^h 0^m a.m., l.m.t., I set off
32° 7 $\frac{1}{2}$ ' on lat. arc, and 20° 00' S. on decl. arc,
and determine a meridian with the solar at the
temp. cor. of secs. 14, 15, 22 and 23.

Thence N. retracing line bet. secs. 14 and 15.

40.00

Unable after diligent search to find any trace of
old $\frac{1}{4}$ sec. cor. Set temp. cor.

80.00

Unable after diligent search to find any trace of
old cor. of secs. 10, 11, 14 and 15. Set temp.
cor.

Continue N. retracing line bet. secs. 10 and 11.

40.00

Run 1.67 chs. E. of the point for the $\frac{1}{4}$ sec. cor.
bet. secs. 10 and 11, as established from one of
the old B. T.s, a mesquite 10 ins. dia., plainly
mkd. "1" which locates point for cor. 1 lk. N.
of a Cottonwood 24 ins. dia., with two distinct
scars, the old blazes grown together.

Note: The temporary cors. are adjusted to their
proportional positions on meridional line.

(Mean bearing of N. 0° 16' W.)

(Increases original distances by 00 lks. per mile.)

January 21, 1915.

Resurvey of Subdivision lines of T. 15 S., R. 13 E.

Chains

Jan. 22, 1915. At 8^h 0^m a.m., l.m.t., I set off 32° 5' on lat. arc, and 19° 47' S. on decl. arc, and determine a meridian with the solar at the S. C. of secs. 33 and 34, on S. bdy. of tp. previously described.

Thence N. retracing the line bet. secs. 33 and 34.

40.00 Unable after diligent search to find any trace of old $\frac{1}{4}$ sec. cor. Set temp. cor.

80.00 Unable after diligent search to find any trace of the cor. of secs. 27, 28, 33 and 34. Set temp. cor.

Continue N. retracing line bet. secs. 27 and 28, setting temp. $\frac{1}{16}$, $\frac{1}{64}$ and $\frac{1}{256}$ sec. cors.

40.00 Unable after diligent search to find any trace of old $\frac{1}{4}$ sec. cor. Set temp. cor.

Jan. 22, 1915. At this temp. cor. I set off 19° 46' S. on decl. arc, and at apparent noon observe the sun on the meridian. The resulting lat. is 32° 6 $\frac{1}{2}$ ' which is the proper lat.

80.00 Unable after diligent search to find any trace of old cor. of secs. 21, 22, 27 and 28. Set temp. cor.

Continue N. retracing line bet. secs. 21 and 22, setting temp. $\frac{1}{16}$, $\frac{1}{64}$ and $\frac{1}{256}$ sec. cors.

40.00 Unable after diligent search to find any trace of old $\frac{1}{4}$ sec. cor. Set temp. cor.

80.00 Unable after diligent search to find any trace of old cor. of secs. 15, 16, 21 and 22. Set temp. cor.

Jan. 22, 1915.

Jan. 23, 1915. At 8^h 0^m a.m., l.m.t., I set off 32° 7 $\frac{1}{2}$ ' on lat. arc, and 19° 33' S. on decl. arc, and determine a meridian with the solar at the temp. cor. of secs. 15, 16, 21 and 22.

Thence N. retracing line bet. secs. 15 and 16, setting temp. $\frac{1}{16}$, $\frac{1}{64}$ and $\frac{1}{256}$ sec. cors.

40.00 Unable after diligent search to find any trace of old $\frac{1}{4}$ sec. cor. Set temp. cor.

80.00 Unable after diligent search to find any trace of old. cor. of secs. 9, 10, 15 and 16.

Resurvey of Subdivision lines of T. 15 S., R. 13 E.

Chains

Continue N. retracing line bet. secs. 9 and 10,
setting temp. 1/16, 1/64 and 1/256 sec. cors.

40.00

Unable after diligent search to find any trace of
old $\frac{1}{4}$ sec. cor. Set temp. cor.

Jan. 23, 1915. At this cor. I set off $19^{\circ} 32\frac{1}{2}'$ S.
on decl. arc, and at apparent noon observe the sun
on the meridian. The resulting lat. is $32^{\circ} 9'$ which
is within $1'$ of the proper lat.

80.00

Unable after diligent search to find any trace of
old cor. of secs. 3, 4, 9 and 10. Set temp.

Continue N. retracing line bet. secs. 3 and 4.

40.00

Unable after diligent search to find any trace of
old $\frac{1}{4}$ sec. cor. Set temp. cor.

81.02

Fall 1.56 chs. W. of temp. reestablished point for
cor. of secs. 3, 4, 33 and 34.

Note: The temp. cors. are adjusted to their proportion-
ate positions on meridional line.

(Mean bearing N. $0^{\circ} 11'$ E.)

(Increases original distance 9 lks. per mile.)

Jan. 23, 1915.

Jan. 25, 1915. At 8^h 0^m a.m., l.m.t., I set off
 $32^{\circ} 5'$ on lat. arc, and $19^{\circ} 5'$ S. on decl. arc,
and determine a meridian with the solar at the
S. C. of secs. 32 and 33 on S. bdy. of tp., pre-
viously described.

Thence N. retracing line bet. secs. 32 and 33.

40.00

Unable after diligent search to find any trace of
old $\frac{1}{4}$ sec. cor. Set temp. cor.

80.00

Unable after diligent search to find any trace
of old cor. of secs. 28, 29, 32 and 33. Set
temp. cor.

Continue N. retracing line bet. secs. 28 and 29.

40.00

Unable after diligent search to find any trace
of old $\frac{1}{4}$ sec. cor. Set temp. cor.

Jan. 25, 1915. At this temp. cor. I set off 19°
 $3'$ S. on decl. arc, and at apparent noon observe
the sun on the meridian. The resulting lat. is
 $32^{\circ} 6'$ which is within $1'$ of the proper lat.

80.24

Fall 2.35 lks. W. of the old cor. of secs. 20, 21,
28 and 29.

Resurvey of Subdivision lines of T. 15 S., R. 13 E.

Chains

Note: The temp. cors. are adjusted to their proportionate positions on meridional line.

(Mean bearing N. $0^{\circ} 50\frac{1}{2}'$ E.)
(Proportionate length of miles = 80.12 chs.)

From the old cor. of secs. 20, 21, 28 and 29, I run N. retracing line bet. secs. 20 and 21.

40.00 Unable after diligent search to find any trace of old $\frac{1}{4}$ sec. cor. Set temp. cor.

80.00 Unable after diligent search to find any trace of old cor. of secs. 16, 17, 20 and 21. Set temp. cor.

Jan. 25, 1915.

Jan. 26, 1915. At 8^h 0^m a.m., l.m.t., I set off $32^{\circ} 7\frac{1}{2}'$ on lat. arc, and $18^{\circ} 50'$ S. on decl. arc, and determine a meridian with the solar at the temp. cor. of secs. 16, 17, 20 and 21.

Thence, N. retracing line bet. secs. 16 and 17.

40.00 Unable after diligent search to find any trace of old $\frac{1}{4}$ sec. cor. Set temp. cor.

80.00 Unable after diligent search to find any trace of old cor. of secs. 8, 9, 16 and 17. Set temp. cor.

Continue N. retracing line bet. secs. 8 and 9.

40.00 Unable after diligent search to find any trace of old $\frac{1}{4}$ sec. cor. Set temp. cor.

Jan. 26, 1915. At this cor. I set off $18^{\circ} 49'$ S. on decl. arc, and at apparent noon observe the sun on the meridian; the resulting lat. is $32^{\circ} 9'$ which is within $1'$ of the proper lat.

80.00 Unable after diligent search, to find any trace of old cor. of secs. 4, 5, 8 and 9. Set temp. cor.

Continue N. retracing line bet. secs. 4 and 5.

40.00 Unable after diligent search to find any trace of old $\frac{1}{4}$ sec. cor. Set temp. cor.

80.59 Fall 46 lks. E. of temp. reestablished point for the cor. of secs. 4, 5, 32 and 33, on N. bdy. of tp. previously described.

Resurvey of Subdivision lines of T. 15 S., R. 13 E.

Chains

Note: The temp. cors. are adjusted to their proportionate positions on meridional lines.

(Mean bearing N. $0^{\circ} 5'$ W.)
(Proportionate lengths of miles = 80.00 chs.)

Jan. 26, 1915.

Jan. 27, 1915. At 8^h 0^m a.m., l.m.t., I set off $32^{\circ} 5'$ on lat. arc, and $18^{\circ} 35'$ S. on decl. arc, and determine a meridian with the solar at the reestablished S. C. of secs. 31 and 32, on S. bdy. of tp., previously described.

Thence I run

N. retracing line bet. secs. 31 and 32.

40.00 Unable after diligent search to find any trace of old $\frac{1}{4}$ sec. cor. Set temp. cor.

80.00 Unable after diligent search to find any trace of old cor. of secs. 29, 30, 31 and 32. Set temp. cor.

Continue N. retracing line bet. secs. 29 and 30.

40.00 Unable after diligent search to find any trace of old $\frac{1}{4}$ sec. cor. Set temp. cor.

81.28 Fall 77 lks. W. of the old cor. of secs. 19, 20, 29 and 30.

Note: The temp. cors. are adjusted to their proportionate positions on meridional line.

(Mean bearing = N. $0^{\circ} 16\frac{1}{2}'$ E.)

(Proportional length of miles = 80.64)

Jan. 27, 1915.

Note: The ties to temporary corners are taken to the adjusted positions of temp. cors. on meridional line.

Jan. 28, 1915. At 8^h 0^m a.m., l.m.t., I set off $32^{\circ} 6'$ on lat. arc, and $18^{\circ} 19\frac{1}{2}'$ S. on decl. arc, and determine a meridian with the solar at the reestablished cor. of secs. 25, 30, 31 and 36, on E. bdy. of tp. previously described.

Thence

W. retracing line bet. secs. 25 and 36.

Resurvey of Subdivision lines of T. 15 S., R. 13 E.

Chains

- 40.00 Unable after diligent search to find any trace of old $\frac{1}{4}$ sec. cor. Set temp. cor.
Thence setting temp. 1/16, 1/64 and 1/256 sec. cors.
- 80.30 Fall 14 lks. N. of adjusted temp. cor. of secs. 25, 26, 35 and 36.

- 40.00 Continue W. retracing line bet. secs. 26 and 35, setting temp. 1/16, 1/64 and 1/256 sec. cors.
Unable after diligent search to find any trace of old $\frac{1}{4}$ sec. cor. Set temp. cor.
Jan. 28, 1915. At this cor. I set off $18^{\circ} 18\frac{1}{2}' S$ on decl. arc, and at apparent noon observe the sun on the meridian; the resulting lat. is $32^{\circ} 6'$ which is the proper lat.
- 80.31 Fall 40 lks. N. of the adjusted temp. cor. of secs. 26, 27, 34 and 35.

- 40.00 Continue W. retracing line bet. secs. 27 and 34, setting temp. 1/16, 1/64 and 1/256 sec. cors.
Unable after diligent search to find any trace of old $\frac{1}{4}$ sec. cor. Set temp. cor.
- 80.05 Fall 45 lks. N. of adjusted temp. cor. of secs. 27, 28, 33 and 34.
Jan. 28, 1915.

- Jan. 29, 1915. At $8^h 0^m$ a.m., l.m.t., I set off $32^{\circ} 6'$ on lat. arc, and $18^{\circ} 4' S$ on decl. arc, and determine a meridian with the solar at the temp. cor. of secs. 27, 28, 33 and 34, on E. & W. line.
Thence I run
W. retracing line bet. secs. 28 and 33.
- 40.00 Unable after diligent search to find any trace of old $\frac{1}{4}$ sec. cor. Set temp. cor.
- 79.35 $\frac{1}{2}$ Fall 75 lks. N. of adjusted temp. cor. of secs. 28, 29, 32 and 33.

- 40.00 Cont. W. retracing line bet. secs. 29 and 32.
Unable after diligent search to find any trace of old $\frac{1}{4}$ sec. cor. Set temp. cor.
Jan. 29, 1915. At this temp. cor. I set off $18^{\circ} 3' S$ on decl. arc, and at apparent noon observe

Resurvey of Subdivision lines of T. 15 S., R. 13 E.

Chains

the sun on the meridian; the resulting lat. is $32^{\circ} 6'$ which is the proper lat.

81.39 Fall 1.89 chs. N. of the adjusted temp. cor. of secs. 29, 30, 31 and 32.

Continue W. retracing line bet. secs. 30 and 31.

40.00 Unable after diligent search to find any trace of old $\frac{1}{4}$ sec. cor. Set temp. cor.

80.60 Fall 3.52 chs. N. of reestablished cor. of secs. 25, 30, 31 and 36, on W. bdy. of tp., previously described.

(Dist. across township by original survey = 480.09 chs.)
(My distance across = 482.01 chs.)
(Therefore, lengths of miles will be increased 32 lks. respectively, over the reported lengths.)

Jan. 29, 1915.

Note: The ties to temp. cors. are taken to the adjusted positions of temp. cors. on meridional lines.

Jan. 30, 1915. At 8h 0m a.m., l.m.t., I set off $32^{\circ} 7'$ on lat. arc, and $17^{\circ} 48'$ S. on decl. arc, and determine a meridian with the solar at the reestablished cor. of secs. 19, 24, 25 and 30, on E. bdy. of tp., previously described.

Thence I run

W. retracing line bet. secs. 24 and 25.

40.00 Unable after diligent search to find any trace of old $\frac{1}{4}$ sec. cor. Set temp. cor.

80.38 Fall 35 lks. N. of adjusted temp. cor. of secs. 23, 24, 25 and 26.

Continue W. retracing line bet. secs. 23 and 26, setting temp. $1/16$, $1/64$ and $1/256$ sec. cors.

40.00 Unable after diligent search to find any trace of old $\frac{1}{4}$ sec. cor. Set temp. cor.

81.37 Fall 95 lks. N. of adjusted temp. cor. of secs. 22, 23, 26 and 27.

Jan. 30. At this cor. I set off $17^{\circ} 46\frac{1}{2}'$ S. on decl. arc, and at apparent noon observe the sun on the meridian. The resulting lat. is $32^{\circ} 7'$, which is the proper lat.

Resurvey of Subdivision lines of T. 15 S., R. 13 E.

Chains

Continue W. retracing line bet. secs. 22 and 27,
setting temp. 1/16, 1/64 and 1/256 sec. cor.

40.00 Unable after diligent search to find any trace of
old $\frac{1}{4}$ sec. cor. Set temp. cor.

78.95 Fall 88 lks. N. of adjusted temp. cor. of secs.
21, 22, 27 and 28.

Continue W. retracing line bet. secs. 21 and 28.

40.00 Unable after diligent search, to find any trace of
old $\frac{1}{4}$ sec. cor. Set temp. cor.

78.53 Fall 1.16 chs. N. of old cor. of secs. 20, 21, 28
and 29.

Reported distance across = 320.19 chs.
My dist. across = 319.23 chs.

Therefore, lengths of miles will be decreased
24 lks. respectively, over reported distances.

From the old cor. of secs. 20, 21, 28 and 29, I run
W. on a random line bet. secs. 20 and 29, retracing
the N. bdy. of Papago Indian Reservation.

20.00 Set temp. E. 1/16 sec. cor. No trace of old cor.
is found.

40.00 Set temp. $\frac{1}{4}$ sec. cor. No trace of old cor. is found.

60.00 Set temp. W. 1/16 sec. cor. No trace of old cor.
is found.

82.08 Fall 74 lks. N. of old cor. of secs. 19, 20, 29
and 30.

From the old cor. of secs. 19, 20, 29 and 30, I run
W. retracing line bet. secs. 19 and 30.

20.00 Set temp. cor. No trace of old cor. is found.

39.72 Fall 9 lks. S. of old $\frac{1}{4}$ sec. cor. bet. secs. 19 and 30.

From the old $\frac{1}{4}$ sec. cor. bet. secs. 19 and 30,

Continue W. retracing line bet. secs. 19 and 30.

20.00 Set temp. cor. No trace of old cor. is found.

40.64 Fall 1.25 chs. N. of reestablished cor. of secs.
19, 24, 25 and 30, on W. bdy. of tp., previously
described.

Jan. 30, 1915.

Resurvey of Subdivision lines of T. 15 S., R. 13 E.

Chains

Note: The ties to temp. cors. are taken to the adjusted positions of temp. cors. on meridional lines.

Feb. 1, 1915. At 8^h 0^m a.m., l.m.t., I set off 32° 7½' on lat. arc, and 17° 15' S. on decl. arc, and determine a meridian with the solar at the cor. of secs. 13, 18, 19 and 24, on E. bdy. of tp., previously described.

Thence I run

W. retracing line bet. secs. 13 and 24.

20.00 Unable after diligent search to find any trace of E. 1/16 sec. cor. Set temp. cor.

40.00 Unable after diligent search to find any trace of ¼ sec. cor. Set temp. cor.

80.21 Fall 44 lks. N. of the adjusted temp. cor. of secs. 13, 14, 23 and 24.

Continue W. retracing line bet. secs. 14 and 23.

20.00 Unable after diligent search to find any trace of old E. 1/16 sec. cor. Set temp. cor.

40.00 Unable after diligent search to find any trace of old ¼ sec. cor. Set temp. cor.

Feb. 1, 1915. At this temp. cor. I set off 17° 13' S. on decl. arc, and at apparent noon observe the sun on the meridian. The resulting lat. is 32° 7½' which is the proper lat.

Thence setting temp. 1/16, 1/64 and 1/256 sec. cors.

81.72 Fall 1.37 chs. N. of adjusted temp. cor. of secs. 14, 15, 22 and 23.

Continue W. retracing line bet. secs. 15 and 22, setting temp. cors. at 1/16, 1/64 and 1/256 sec. cors.

40.00 Unable after diligent search to find any trace of old ¼ sec. cor. Set temp. cor.

78.31 Fall 1.11 chs. N. of adjusted temp. cor. of secs. 15, 16, 21 and 22.

Feby. 1, 1915.

The ties to temp. cors. are taken to the adjusted position of temp. cors. on meridional lines.

Feb. 2, 1915. At 8^h 0^m a.m., l.m.t., I set off 32° 7½'

Resurvey of Subdivision lines of T. 15 S., R. 13 E.

Chains

on lat. arc, and $16^{\circ} 58'$ S. on decl. arc, and determine a meridian with the solar at the temp. cor. of secs. 15, 16, 21 and 22, on E. & W. line.

Thence I run

W. retracing line bet. secs. 16 and 21, setting temp. $1/16$, $1/64$ and $1/256$ sec. cors.

40.00 Unable after diligent search to find any signs of old $\frac{1}{4}$ sec. cor. Set temp. cor.

(Discontinue the temp. $1/16$, $1/64$ and $1/256$ sec. cors.)

78.96 Fall 1.46 chs. N. of adjusted temp. cor. of secs. 16, 17, 20 and 21.

Continue W. retracing line bet. secs. 17 and 20.

40.00 Unable after diligent search to find any trace of old $\frac{1}{4}$ sec. cor. Set temp. cor.

Feb. 2, 1915. At this temp. cor. I set off $16^{\circ} 56'$ S. on decl. arc, and at apparent noon observe the sun on the meridian. The resulting lat. is $32^{\circ} 7\frac{1}{2}'$ which is the proper lat.

80.00 Unable after diligent search to find any trace of cor. of secs. 17, 18, 19 and 20. Set temp. cor.

Continue W. retracing line bet. secs. 18 and 19.

40.00 Unable after diligent search to find any trace of old $\frac{1}{4}$ sec. cor. Set temp. cor.

81.51 Fall 2.68 chs. N. of temp. reestablished point for the cor. of secs. 13, 18, 19 and 24, on W. bdy. of tp., previously described.

(Reported dist. across = 480.08)

(My dist. across = 480.71)

(Therefore lengths of miles will be increased $10\frac{1}{2}$ lks. respectively, over reported distances.)

Feb. 2, 1915.

Feb. 3, 1915. At 8h 0m a.m., l.m.t., I set off $32^{\circ} 8\frac{1}{2}'$ on lat. arc; and $16^{\circ} 40\frac{1}{2}'$ S. on decl. arc, and determine a meridian with the solar at the temp. cor. of secs. 9, 10, 15 and 16, on N. & E. line.

In search of old cors. on E. & W. line.

Through this cor. I run E. on a blank line.

Resurvey of Subdivision lines of T. 15 S., R. 13 E.

Chains

40.49 Fall 68 lks. N. of point for the $\frac{1}{4}$ sec. cor. bet. secs. 10 and 15, as established from stump of old B. T., a mesquite 12 ins. dia., about 10 ins. above ground with "B T" plainly visible on bottom of stump, S. 7° E., 22 lks. dist.

Thence, from the point for the $\frac{1}{4}$ sec. cor. bet. secs. 10 and 15, just established, I run

W. retracing line bet. secs. 10 and 15.

40.49 Fall 68 lks. S. of adjusted temp. cor. of secs. 9, 10, 15 and 16

Continue W. retracing line bet. secs. 9 and 16, setting temp. $\frac{1}{16}$, $\frac{1}{64}$ and $\frac{1}{256}$ sec. cors. (for 40 chs. only).

40.00 Unable after diligent search to find any trace of old $\frac{1}{4}$ sec. cor. Set temp. cor.

79.36 Fall 17 lks. S. of adjusted temp. cor. of secs. 8, 9, 16 and 17.

Feb. 3, 1915. At this temp. cor. I set off $16^{\circ} 39'$ S. on decl. arc, and at apparent noon observe the sun on the meridian. The resulting lat. is $32^{\circ} 8\frac{1}{2}'$ which is the proper lat.

Continue W. retracing line bet. secs. 8 and 17.

40.00 Unable after diligent search to find any trace of old $\frac{1}{4}$ sec. cor. Set temp. cor.

80.00 Unable after diligent search to find any trace of the cor. of secs. 7, 8, 17 and 18. Set temp. cor.

Continue W. retracing line bet. secs. 7 and 18.

40.00 Unable after diligent search to find any trace of old $\frac{1}{4}$ sec. cor. Set temp. cor.

80.90 Fall 25 lks. N. of old cor. of secs. 7, 12, 13 and 18, on W. bdy. of tp., previously described.

(Reported dist. = 279.98 chs.)

(My dist. = 280.75 chs.)

(Therefore, lengths of miles will be increased 22 lks. respectively, over reported dist.)

Feb. 3, 1915.

Note: The ties to temp. cors. are taken to the adjusted positions of temp. cors. on meridional lines.

Resurvey of Subdivision lines of T. 15 S., R. 13 E.

Chains

Feb. 4, 1915. At 8^h 0^m a.m., l.m.t., I set off 32° 9' on lat. arc, and 16° 22½' S. on decl. arc, and determine a meridian with the solar at the old cor. of secs. 1, 6, 7 and 12, on W. bdy. of tp., previously described.

Thence I run

E. retracing line bet. secs. 6 and 7.

40.00 Unable after diligent search to find any trace of old ¼ sec. cor. Set temp. cor.

80.00 Unable after diligent search to find any trace of old cor. of secs. 5, 6, 7 and 8. Set temp. cor.

Continue E. retracing line bet. secs. 5 and 8.

40.00 Unable after diligent search to find any trace of old ¼ sec. cor. Set temp. cor.

Feb. 4, 1915. At this cor. I set off 16° 20' S. on decl. arc, and at apparent noon observe the sun on the meridian. The resulting lat. is 32° 9' which is the proper lat.

80.47 Fall 46 lks. S. of adjusted temp. cor. of secs. 4, 5, 8 and 9.

Cont. E. retracing line bet. secs. 4 and 9.

40.00 Unable after diligent search to find any trace of the old ¼ sec. cor. Set temp. cor.

79.72 Fall 1.04 chs. S. of adjusted temp. cor. of secs. 3, 4, 9 and 10.

Feb. 4, 1915.

Feb. 5, 1915. At 8^h 0^m a.m., l.m.t., I set off 32° 9' on lat. arc, and 16° 5' S. on decl. arc, and determine a meridian with the solar at the temp. cor. of secs. 3, 4, 9 and 10, on E. and W. line.

Thence I run

E. retracing line bet. secs. 3 and 10.

40.00 Unable after diligent search to find any trace of old ¼ sec. cor. Set temp. cor.

80.00 Unable after diligent search to find any trace of old cor. of secs. 2, 3, 10 and 11. Set temp. cor.

Continue E. retracing line bet. secs. 2 and 11.

Resurvey of Subdivision lines of T. 15 S., R. 13 E.

Chains

40.00

Unable after diligent search to find any trace of old $\frac{1}{4}$ sec. cor. Set temp. cor.

Feb. 5, 1915. At this temp. cor. I set off $16^{\circ} 3'$ S. on decl. arc, and at apparent noon observe the sun on the meridian. The resulting lat. is $32^{\circ} 9'$ which is the proper lat.

80.00

Unable after diligent search to find any trace of old cor. of secs. 1, 2, 11 and 12. Set temp. cor.

Continue E. retracing line bet. secs. 1 and 12.

40.00

Unable after diligent search to find any trace of old $\frac{1}{4}$ sec. cor. Set temp. cor.

79.22

Fall 2.78 chs. S. of temp. reestablished point for the cor. of secs. 1, 6, 7 and 12, on E. bdy. of tp., previously described.

(Reported dist. = 479.53)chs.)

(My dist. = 479.46 chs.)

(Therefore lengths of miles will be decreased 2 lks. respectively from reported lengths.)

Feb. 5, 1915.

Feb. 10, 1915. At 8^h 0^m a.m., l.m.t., I set off $32^{\circ} 5'$ on lat. arc, and $14^{\circ} 32'$ S. on decl. arc, and determine a meridian with the solar at the reestablished S. C. of secs. 35 and 36, on S. bdy. of tp., previously described.

Thence I run

N. on a true line bet. secs. 35 and 36.

Over level bottom land, through mesquite timber, mesquite brush and cactus.

5.02

The proportional point for the $\frac{1}{256}$ sec. cor. bet. secs. 35 and 36.

Set an iron post 1 in. dia., stamped on cap

$\frac{1}{256}$ in N.

8 35 in W.

8 36 in E.

1915 in S.

No suitable B. T.s available.

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

10.03

The proportional point for the $\frac{1}{64}$ sec. cor. bet. secs. 35 and 36.

Set an iron post 1 in. dia., stamped on cap

Resurvey of Subdivision lines of T. 15 S., R. 13 E.

Chains

1/64 in N.
 S 35 in W.
 S 36 in E.
 1915 in S.

No suitable B. T.s

Dig pits 18 x 18 x 12 ins. N. & S. of cor. 3 ft. dist.,
 and raise a mound of earth 3½ ft. base, 1½ ft. high,
 W. of cor.

14.17 Left bank of Santa Cruz River, sloping, 10 ft. high,
 brs. NW.

Set an iron post 1 in. dia., for the M. C. bet.
 secs. 35 and 36, stamped on cap

M C in N.
 S 35 T 15 S in W.
 S 36 T 13 E in E.
 1915 in S.

From which a

Mesquite 8 ins. dia., brs. S. 30° E., 29 lks. dist.,
 mkd. T 15 S R 13 E S 36 B T.

Mesquite 5 ins. dia., brs. S. 29° W., 3 lks. dist.,
 mkd. T 15 S R 13 E S 35 B T.

17.75 Right bank of Santa Cruz River; cut bank, 10 ft.
 high, brs. NW.

Set an iron post 1 in. dia., for the M. C. bet.
 secs. 35 and 36, stamped on cap

T 15 S S 35 in NW.
 R 13 E S 36 in NE.
 M C 1915 in S.

Dig pit 36 x 36 x 12 ins. 8 ft. N. of cor.; and
 raise a mound of earth 4 ft. base, 2 ft. high,
 N. of cor.

20.06 The proportional point for the S. 1/16 sec. cor.
 bet. secs. 35 and 36.

Set an iron post 1 in. dia., stamped on cap

S 1/16 in N.
 S 35 in W.
 S 36 in E.
 1915 in S.

Dig pits 18 x 18 x 12 ins. N. & S. of cor. 3 ft. dist.;
 and raise a mound of earth 3½ ft. base, 1½ ft. high,
 W. of cor.

20.50 Wood road; brs. N. 15° W. and S. 15° E.

25.08 The proportional point for the 1/256 sec. cor. bet.
 secs. 35 and 36.

Set an iron post 1 in. dia., stamped on cap

Resurvey of Subdivision lines of T. 15 S., R. 13 E.

Chains

1/256 in N.
 S 35 in W.
 S 36 in E.
 1915 in S.

Dig pits 18 x 18 x 12 ins. N. & S. of cor. 3 ft. dist. and raise a mound of earth 3½ ft. base, 1½ ft. high, W. of cor.

30.10

The proportional point for the 1/64 sec. cor. bet. secs. 35 and 36.

Set an iron post 1 in. dia., stamped on cap

1/64 in N.
 S 35 in W.
 S 36 in E.
 1915 in S.

Dig pits 18 x 18 x 12 ins. N. & S. of cor. 3 ft. dist. and raise a mound of earth 3½ ft. base, 1½ ft. high, W. of cor.

35.11

The proportional point for the 1/256 sec. cor. bet. secs. 35 and 36.

Set an iron post 1 in. dia., stamped on cap

1/256 in N.
 S 35 in W.
 S 36 in E.
 1915 in S.

Dig pits 18 x 18 x 12 ins. N. & S. of cor. 3 ft. dist. and raise a mound of earth 3½ ft. base, 1½ ft. high, W. of cor.

40.13

The proportional point for the ¼ sec. cor. bet. secs. 35 and 36.

Set an iron post 1 in. dia., stamped on cap

¼ in N.
 S 35 in W.
 S 36 in E.
 1915 in S.

From which a

Mesquite 6 ins. dia., brs. N. 84½° E., 8 lks. dist., mkd. ¼ S 36 B T.

Mesquite 5 ins. dia., brs. N. 63½° W., 27 lks. dist., mkd. ¼ S 35 B T.

45.15

The proportional point for the 1/256 sec. cor. bet. secs. 35 and 36.

Set an iron post 1 in. dia., stamped on cap

1/256 in N.
 S 35 in W.
 S 36 in E.
 1915 in S.

Dig pits 18 x 18 x 12 ins. N. & S. of cor. 3 ft. dist. and raise a mound of earth 3½ ft. base, 1½ ft. high, W. of cor.

Resurvey of Subdivision lines of T. 15 S., R. 13 E.

Chains

- 50.16 The proportional point for the 1/64 sec. cor., bet. secs. 35 and 36.
- Set an iron post 1 in. dia., stamped on cap
- 1/64 in N.
S 35 in W.
S 36 in E.
1915 in S.
- Dig pits 18 x 18 x 12 ins. N. & S. of cor. 3 ft. dist., and raise a mound of earth 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor.
- 55.18 The proportional point for the 1/256 sec. cor. bet. secs. 35 and 36.
- Set an iron post 1 in. dia., stamped on cap
- 1/256 in N.
S 35 in W.
S 36 in E.
1915 in S.
- Dig pits 18 x 18 x 12 ins. N. & S. of cor. 3 ft. dist., and raise a mound of earth 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor.
- 60.19 The proportional point for N. 1/16 sec. cor. bet. secs. 35 and 36.
- Set an iron post 1 in. dia., stamped on cap
- N. 1/16 in N.
S 35 in W.
S 36 in E.
1915 in S.
- Dig pits 18 x 18 x 12 ins. N. & S. of cor. 3 ft. dist., and raise a mound of earth 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor.
- 65.21 The proportional point for the 1/256 sec. cor. bet. secs. 35 and 36.
- Set an iron post 1 in. dia., stamped on cap
- 1/256 in N.
S 35 in W.
S 36 in E.
1915 in S.
- Dig pits 18 x 18 x 12 ins. N. & S. of cor., 3 ft. dist., and raise a mound of earth 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor.
- 70.23 The proportional point for the 1/64 sec. cor. bet. secs. 35 and 36.
- Set an iron post 1 in. dia., stamped on cap
- 1/64 in N.
S 35 in W.
S 36 in E.
1915 in S.
- Dig pits 18 x 18 x 12 ins., N. & S. of cor. 3 ft. dist., and raise a mound of earth 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor.

Resurvey of Subdivision lines in T. 15 S., R. 13 E.

Chains
75.24

The proportional point for the 1/256 sec. cor. bet. secs. 35 and 36.
Set an iron post 1 in. dia., stamped on cap
1/256 in N.
S 35 in W.
S 35 in E.
1915 in S.

Dig pits 18 x 18 x 12 ins. N. & S. of cor. 3 ft. dist., and raise a mound of earth 3½ ft. base, 1½ ft. high, W. of cor.

80.26

The proportional point for the cor. of secs. 25, 26, 35 and 36.

Set an iron post 2 ins. dia., stamped on cap

T 15 S S 26 in NW.
R 13 E S 25 in NE.
S 36 in SE.
S 35 in SW.
1915 in S.

No suitable B.T.s available.

Dig pits 18 x 18 x 12 ins. in each sec. 5½ ft. dist., and raise a mound of earth 4 ft. base, 2 ft. high, W. of cor.

Land, level bottom.

Soil, 1st rate.

Timber, scattered mesquite,

Undergrowth of mesquite brush and cactus.

Feb. 10, 1915. At this cor. I set off 14° 29½' S. on decl. arc, and at apparent noon observe the sun on the meridian; the resulting lat. is 32° 6' which is the proper lat.

Thence N. 89° 54' E. on a true line bet. secs. 25 and 36.

Over level bottom land, through mesquite timber, brush and cactus.

5.03

The proportional point for 1/256 sec. cor. bet. secs. 25 and 36.

Set an iron post 1 in. dia., stamped on cap

1/256 in W.
S 25 in N.
S 36 1915 in S.

Dig pits 18 x 18 x 12 ins. E. & W. of cor. 3 ft. dist., and raise a mound of earth 3½ ft. base, 1½ ft. high, N. of cor.

10.06

The proportional point for the 1/64 sec. cor. bet. secs. 25 and 36.

Set an iron post 1 in. dia., stamped on cap

1/64 in W.
S 25 in N.
S 36 1915 in S.

Resurvey of Subdivision lines of T. 15 S., R. 13 E.

Chains

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

15.08 The proportional point for $1/256$ sec. cor. bet. secs.
25 and 36.

Set an iron post 1 in. dia., stamped on cap

$1/256$ in W.
S 25 in N.
S 36 1915 in S.

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

15.40 Wood road, brs. N. 15° E., S. 15° W.

20.11 The proportional point for the W. $1/16$ sec. cor.
bet. secs. 25 and 36.

Set an iron post 1 in. dia., stamped on cap

W $1/16$ in W.
S 25 in N.
S 36 1915 in S.

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

20.60 Wood road, brs. NW. & SE.

25.14 The proportional point for $1/256$ sec. cor. bet.
secs. 25 and 36.

Set an iron post 1 in. dia., stamped on cap

$1/256$ in W.
S 25 in N.
S 36 1915 in S.

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

30.17 The proportional point for the $1/64$ sec. cor. bet.
secs. 25 and 36.

Set an iron post 1 in. dia., stamped on cap

$1/64$ in W.
S 25 in N.
S 36 1915 in S.

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

35.70 Fence, brs. NW. & SE.; level bottom land, thence over
level mesa land, through scattered mesquite and palo
verde timber; greasewood and cactus.

35.20 The proportional point for $1/256$ sec. cor. bet.
secs. 25 and 36.

Resurvey of Subdivision lines of T. 15 S., R. 13 E.

Chains

Set an iron post 1 in. dia., stamped on cap

1/256 in W.
S 25 in N.
S 36 1915 in S.

Dig pits 18 x 18 x 12 ins. E. & W. of cor. 3 ft. dist., and raise a mound of earth 3½ ft. base, 1½ ft. high, N. of cor.

40.23 The proportional point for the ¼ sec. cor. bet. secs. 35 and 36.

Set an iron post 1 in. dia., stamped on cap

¼ in W.
S 25 in N.
S 36 1915 in S.

Dig pits 18 x 18 x 12 ins. E. & W. of cor., 3 ft. dist., and raise a mound of earth 3½ ft. base, 1½ ft. high, N. of cor.

40.50 Leave scattered timber, brs. NW. & SE.; enter scattered mesquite and palo verde brush bearing NW. & SE.

65.80 Road, brs. NW. & SE.

80.46 The cor. of secs. 25, 30, 31 and 36, on E. bdy. of tp., previously described.

Land, level bottom, 33.70 chs.
Nearly level mesa, 46.76 chs.
Soil, 1st rate, 33.70 chs.
2nd rate, 46.76 chs.

Timber, scattered mesquite and palo verde.
Undergrowth: mesquite and palo verde brush, grease-wood and cactus.

Feb. 10, 1915.

March 1, 1915. At 8^h 0^m a.m., l.m.t., I set off 32° 5' on lat. arc, and 7° 48½' S. on decl. arc, and determine a meridian with the solar at the Standard ¼ sec. cor. of sec. 36 on the S. bdy. of tp., previously described.

Thence I run

N. 0° 9' E. on a random line through the middle of sec. 36, setting temp. 1/16, 1/64 and 1/256 sec. cors.

40.00 Set temp. center ¼ sec. cor.

80.32 Fall 12 lks. E. of the ¼ sec. cor. bet. secs. 25 and 36.

I move temp. center ¼ sec. cor. 6 lks. W.

Resurvey of Subdivision lines of T. 15 S., R. 13 E.

Chains

From the $\frac{1}{4}$ sec. cor. bet. secs. 35 and 36, I run
S. $89^{\circ} 59'$ E. on a random line through the middle of
sec. 36, setting temp. $\frac{1}{16}$, $\frac{1}{64}$ and $\frac{1}{256}$ sec.
cors. for 40 chs. only.

40.20 Fall $12\frac{1}{2}$ lks. N. of temp center $\frac{1}{4}$ sec. cor.

80.40 Fall 7 lks. S. of $\frac{1}{4}$ sec. cor. bet. secs. 31 and 36.

(Therefore, position for the center $\frac{1}{4}$ sec. cor. is
N. $0^{\circ} 4'$ E., 16 lks. from temp. center $\frac{1}{4}$ sec. cor.)

Thence I run

S. $89^{\circ} 58'$ W. on a true line through the middle of
sec. 36, over level mesa land, through scattered
mesquite timber; mesquite brush and cactus.

22.50 Fence, brs. NW. & SE.

36.50 Leave mesa land, bearing NW. & SE.; enter level
bottom land.

36.80 Road, brs. NW. & SE.

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

$\frac{1}{4}$ S 36 in center.
1915 in S.

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

March 1, 1915. At this cor. I set off $7^{\circ} 45\frac{1}{2}'$ S. on
decl. arc, and at apparent noon observe the sun on
the meridian; The resulting lat. is $32^{\circ} 5\frac{1}{2}'$ which
is the proper lat.

45.22 Set an iron post 1 in. dia., for $\frac{1}{256}$ sec. cor.
on $\frac{1}{4}$ sec. line, sec. 36, stamped on cap

$\frac{1}{256}$ S 36 in center.
1915 in S.

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

45.40 Wood Road, brs. N. & S.

50.25 Set an iron post 1 in. dia. for the $\frac{1}{64}$ sec. cor.
on $\frac{1}{4}$ sec. line of sec. 36, stamped on cap

$\frac{1}{64}$ S 36 in center.
1915 in S.

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

Resurvey of Subdivision lines of T. 15 S., R. 13 E.

Chains

- 55.27 Set an iron post 1 in. dia., for 1/256 sec. cor. on $\frac{1}{4}$ sec. line of sec. 36, stamped on cap
 1/256 S 36 in center.
 1915 in S.
 Dig pits 18 x 18 x 12 ins. E. & W. of cor. 3 ft. dist.; and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, N. of cor.
- 60.30 Set an iron post for the W. 1/16 sec. cor. on $\frac{1}{4}$ sec. line of sec. 36, stamped on cap
 $\frac{1}{4}$ in E. & W.
 W 1/16 S 36 in center.
 1915 in S.
 Dig pits 18 x 18 x 12 ins. E. & W. of cor. 3 ft. dist.; and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, N. of cor.
- 65.32 Set an iron post ^{1 in. dia.} for 1/256 sec. cor. on $\frac{1}{4}$ sec. line of sec. 36, stamped on cap
 1/256 S 36 in center.
 1915 in S.
 Dig pits 18 x 18 x 12 ins. E. & W. of cor. 3 ft. dist.; and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, N. of cor.
- 70.35 Set an iron post 1 in. dia., for the 1/64 sec. cor. on $\frac{1}{4}$ sec. line of sec. 36, stamped on cap
 1/64 S 36 in center.
 1915 in S.
 Dig pits 18 x 18 x 12 ins. E. & W. of cor. 3 ft. dist.; and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, N. of cor.
- 75.37 Set an iron post 1 in. dia., for 1/256 sec. cor. on $\frac{1}{4}$ sec. line of sec. 36, stamped on cap
 1/256 S 36 in center.
 1915 in S.
 Dig pits 18 x 18 x 12 ins. E. & W. of cor. 3 ft. dist.; and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, N. of cor.
- 80.40 The $\frac{1}{4}$ sec. cor. bet. secs. 35 and 36.
 Land: level bottom, 43.90 chs.
 nearly level mesa, 36.50 chs.
 Soil, 2nd rate 43.90 chs.
 1st rate 36.50 chs.
 Timber, scattered mesquite 80.40 chs.
 Brush, mesquite and cactus, 80.40 chs.

Returning to the Standard $\frac{1}{4}$ sec. cor. of sec. 36, I run N. 0° 4' E., on a true line through the middle of sec. 36.

Resurvey of Subdivision lines of T. 15 S., R. 13 E.

Chains

Over level bottom land through scattered mesquite timber, dense mesquite brush and cactus.

5.02

Set an iron post 1 in. dia., for 1/256 sec. cor. on $\frac{1}{4}$ sec. line of sec. 36, stamped on cap

1/256 S 36 in center.
1915 in S.

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

10.04

Set an iron post 1 in. dia., for 1/64 sec. cor. on $\frac{1}{4}$ sec. line of sec. 36, stamped on cap

1/64 S 36 in center.
1915 in S.

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

15.06

Set an iron post 1 in. dia., for 1/256 sec. cor. on $\frac{1}{4}$ sec. line of sec. 36, stamped on cap

1/256 S 36 in center.
1915 in S.

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

17.10

Wood road, brs. NW. & SE.

20.08

Set an iron post 1 in. dia., for S. 1/16 sec. cor. on $\frac{1}{4}$ sec. line of sec. 36, stamped on cap

$\frac{1}{4}$ in. N. & S.
S 1/16 S 36 in center.
1915 in S.

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

25.10

Set an iron post 1 in. dia., for 1/256 sec. cor. on $\frac{1}{4}$ sec. line of sec. 36, stamped on cap

1/256 S 36 in center.
1915 in S.

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

30.12

Set an iron post 1 in. dia., for 1/64 sec. cor. on $\frac{1}{4}$ sec. line of sec. 36, stamped on cap

1/64 S 36 in center.
1915 in S.

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

Resurvey of Subdivision lines of T. 15 S., R. 13 E.

| Chains | |
|--------|---|
| 35.14 | <p>Set an iron post 1 in. dia., for 1/256 sec. cor. on $\frac{1}{4}$ sec. line of sec. 36, stamped on cap</p> <p style="text-align: center;">1/256 S 36 in center. 1915 in S.</p> <p>Dig pits 18 x 18 x 12 ins. N. & S. of cor. 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> |
| 40.16 | <p>The center $\frac{1}{4}$ sec. cor. of sec. 36.</p> |
| 45.18 | <p>Set an iron post 1 in. dia., for 1/256 sec. cor. on $\frac{1}{4}$ sec. line of sec. 36, stamped on cap</p> <p style="text-align: center;">1/256 S 36 in center. 1915 in S.</p> <p>Dig pits 18 x 18 x 12 ins. E. & W. of cor. 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> |
| 45.70 | <p>Wood road, brs. NW. & SE.</p> |
| 50.20 | <p>Set an iron post 1 in. dia., for 1/64 sec. cor. on $\frac{1}{4}$ sec. line of sec. 36, stamped on cap</p> <p style="text-align: center;">1/64 S 36 in center. 1915 in S.</p> <p>Dig pits 18 x 18 x 12 ins. N. & S. of cor. 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> |
| 55.22 | <p>Set an iron post 1 in. dia., for 1/256 sec. cor. on $\frac{1}{4}$ sec. line of sec. 36, stamped on cap</p> <p style="text-align: center;">1/256 S 36 in center. 1915 in S.</p> <p>Dig pits 18 x 18 x 12 ins. N. & S. of cor. 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> |
| 60.24 | <p>Set an iron post 1 in. dia., for N. 1/16 sec. cor. on $\frac{1}{4}$ sec. line of sec. 36, stamped on cap</p> <p style="text-align: center;">$\frac{1}{4}$ in N. & S. N. 1/16 S 36 in center. 1915 in S.</p> <p>Dig pits 18 x 18 x 12 ins. N. & S. of cor. 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> |
| 65.26 | <p>Set an iron post 1 in. dia., for 1/256 sec. cor. on $\frac{1}{4}$ sec. line of sec. 36, stamped on cap</p> <p style="text-align: center;">1/256 S 36 in center. 1915 in S.</p> <p>Dig pits 18 x 18 x 12 ins. N. & S. of cor. 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> |
| 67.50 | <p>Leave bottom land and dense brush, bearing NW. & SE.; enter mesa land and scattered brush.</p> |

BOOK 2022

Resurvey of Subdivision lines of T. 15 S., R. 13 E.

Chains

- 70.28 Set an iron post 1 in. dia., for $1/64$ sec. cor. of sec. 36, on $\frac{1}{4}$ sec. line, stamped on cap
- $1/64$ S 36 in center.
1915 in S.
- Dig pits 18 x 18 x 12 ins. N. & S. of cor. 3 ft. dist. and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, W. of cor.
- 73.10 Fence, brs. NW. & SE.
- 75.30 Set an iron post 1 in. dia., for $1/256$ sec. cor. on $\frac{1}{4}$ sec. line of sec. 36, stamped on cap
- $1/256$ S 36 in center.
1915 in S.
- Dig pits 18 x 18 x 12 ins. N. & S. of cor. 3 ft. dist. and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, W. of cor.
- 80.32 The $\frac{1}{4}$ sec. cor. bet. secs. 25 and 36.
- Land, level bottom, 67.50 chs.
nearly level mesa, 12.80 chs.
Soil, 1st rate, 67.50 chs.
2nd rate, 12.80 chs.
Timber, scattered mesquite, 80.32 chs.
Brush, mesquite and cactus, 80.32 chs.

March 1, 1915.

March 2, 1915. At 8^h 0^m a.m., l.m.t., I set off $32^{\circ} 5'$ on lat. arc, and $7^{\circ} 26'$ S on decl. arc, and determine a meridian with the solar at the true point for the Standard W. $1/16$ sec. cor. of sec. 36 on S. bdy. of tp.

Thence I run

N. $0^{\circ} 4'$ E. on a random line through the middle of the SW. $\frac{1}{4}$ of sec. 36, setting temp. $1/16$, $1/64$ and $1/256$ sec. cors.

- 20.00 Set temp. SW. $1/16$ sec. cor.
- 40.10 Fall 2 lks. E. of W. $1/16$ sec. cor. on $\frac{1}{4}$ sec. line, of sec. 36.
- (I move temp. SW. $1/16$ sec. cor. 1 lk. W.)

From the S. $1/16$ sec. cor. bet. secs. 35 and 36, I run S. $89^{\circ} 59'$ E. on a random line through the middle SW. $\frac{1}{4}$ of sec. 36, setting temp. $1/16$, $1/64$ and $1/256$ sec. cors.

- 20.04 Fall 5 lks. N. of temp. SW. $1/16$ sec. cor.

Resurvey of Subdivision lines of T. 15 S., R. 13 E.

Chains

40.10

Fall 2 lks. N. of S. $1/16$ sec. cor. on $\frac{1}{4}$ sec. line of sec. 36.

(Therefore, position for the SW. $1/16$ sec. cor. is 4 lks. N. $0^{\circ} 2'$ E. from temp. SW. $1/16$ sec. cor.)

Thence I run

N. $89^{\circ} 58'$ W. on a true line through the middle of of SW. $\frac{1}{4}$ of sec. 36.

Over level bottom land, through scattered mesquite timber, dense mesquite brush and cactus.

1.90

Wood road, brs. NW. & SE.

5.01

Set an iron post 1 in. dia., for $1/256$ sec. cor. of sec. 36, stamped on cap

$1/256$ S 36 in center.
1915 in S.

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

10.03

Set an iron post 1 in. dia., for $1/64$ sec. cor. of sec. 36, stamped on cap

$1/64$ S 36 in center.
1915 in S.

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

15.04

Set an iron post 1 in. dia., for $1/256$ sec. cor. of sec. 36, stamped on cap

$1/256$ S 36 in center.
1915 in S.

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

20.06

Set an iron post 1 in. dia., for the SW. $1/16$ sec. cor. of sec. 36, stamped on cap.

SW $1/16$ S 36 in center.
1915 in S.

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

25.07

Set an iron post 1 in. dia., for $1/256$ sec. cor. of sec. 36, stamped on cap

$1/256$ S 36 in center.
1915 in S.

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

Resurvey of Subdivision lines of T. 15 S., R. 13 E.

Chains

30.08

Set an iron post 1 in. dia., for 1/64 sec. cor.
of sec. 36, stamped on cap

1/64 S 36 in center.
1915 in S.

Dig pits 18 x 18 x 12 ins. E. & W. of cor. 3 ft. dist.;
and raise a mound of earth 3½ ft. base, 1½ ft. high,
N. of cor.

35.09

Set an iron post 1 in. dia., for 1/256 sec. cor.
of sec. 36, stamped on cap

1/256 S 36 in center.
1915 in S.

Dig pits 18 x 18 x 12 ins. E. & W. of cor. 3 ft. dist.;
and raise a mound of earth 3½ ft. base, 1½ ft. high,
N. of cor.

39.90

Wood road, brs. N. 30° W. and S. 30° E.

40.10

The S. 1/16 sec. cor. bet. secs. 35 and 36.

Land, level bottom.

Soil, 1st rate.

Timber, scattered mesquite, 40.10 chs.

Brush, dense mesquite and cactus, 40.10 chs.

Returning to true point for the Standard W. 1/16
sec. cor. of sec. 36, I run

N. 0° 2' E. on a true line through the middle of
the SW. ¼ of sec. 36.

Over level bottom land, through scattered mesquite,
dense mesquite brush and cactus.

5.01

Set an iron post 1 in. dia. for 1/256 sec. cor.
of sec. 36, stamped on cap

1/256 S 36 in center.
1915 in S.

Dig pits 18 x 18 x 12 ins. N. & S. of cor. 3 ft. dist.;
and raise a mound of earth 3½ ft. base, 1½ ft. high,
W. of cor.

10.02

Set an iron post 1 in. dia., for 1/64 sec. cor. of
sec. 36, stamped on cap

1/64 S 36 in center.
1915 in S.

Dig pits 18 x 18 x 12 ins. N. & S. of cor., 3 ft. dist.;
and raise a mound of earth 3½ ft. base, 1½ ft. high,
W. of cor.

15.03

Set an iron post 1 in. dia., for 1/256 sec. cor. of
sec. 36, stamped on cap

1/256 S 36 in center.
1915 in S.

Dig pits 18 x 18 x 12 ins. N. & S. of cor., 3 ft. dist.;
and raise a mound of earth 3½ ft. base, 1½ ft. high,
W. of cor.

Resurvey of Subdivision lines of T. 15 S., R. 13 E.

Chains

- 20.04 The SW. $1/16$ sec. cor. of sec. 36.
- 25.06 Set an iron post 1 in. dia., for $1/256$ sec. cor. of sec. 36, stamped on cap
 $1/256$ S 36 in center.
 1915 in S.
 Dig pits 18 x 18 x 12 ins. N. & S. of cor. 3 ft. dist.; and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, W. of cor.
- 30.07 Set an iron post 1 in. dia., for $1/64$ sec. cor. of sec. 36, stamped on cap
 $1/64$ S 36 in center.
 1915 in S.
 Dig pits 18 x 18 x 12 ins. N. & S. of cor. 3 ft. dist.; and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, W. of cor.
- 35.09 Set an iron post 1 in. dia., for $1/256$ sec. cor. of sec. 36, stamped on cap
 $1/256$ S 36 in center.
 1915 in S.
 Dig pits 18 x 18 x 12 ins. N. & S. of cor. 3 ft. dist.; and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, W. of cor.
- 40.10 The W. $1/16$ sec. cor. on $\frac{1}{4}$ sec. line of sec. 36.
 Land, level bottom.
 Soil, 1st rate.
 Timber, scattered mesquite 40.10 chs.
 Brush, dense mesquite and cactus, 40.10 chs.
 March 2, 1915. At this cor. I set off $7^{\circ} 23'$ S. on decl. arc, and at apparent noon, observe the sun on the meridian. The resulting lat. is $32^{\circ} 5'$ which is within 1' of the proper lat.

From the W. $1/16$ sec. cor. on $\frac{1}{4}$ sec. line of sec. 36,
 I run

N. $0^{\circ} 4'$ E. on a random line through the middle
 of the NW. $\frac{1}{4}$ of sec. 36, setting temp. $1/16$, $1/64$
 and $1/256$ sec. cors.

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

40.16 Fall 4 lks. E. of the W. $1/16$ sec. cor. bet. secs.
 25 and 36.

(I move temp. NW. $1/16$ sec. cor, 2 lks. W.)

From the N. $1/16$ sec. cor. bet. secs. 35 and 36,
 I run

N. $89^{\circ} 58'$ E. on a random line through the middle
 of the NW. $\frac{1}{4}$ of sec. 36, setting temp. $1/16$, $1/64$
 and $1/256$ sec. cors.

Resurvey of Subdivision lines of T. 15 S., R. 13 E.

Chains

- 20.11 Fall 6 lks. N. of temp. NW. 1/16 sec. cor.
- 40.21 Fall 4 lks. S. of N. 1/16 sec. cor. on $\frac{1}{4}$ sec. line of sec. 36.
- (Position for NW. 1/16 sec. cor. is therefore, 8 lks. N. 0° 1' E. from temp. NW. 1/16 sec. cor.)
- Thence S. 89° 55' W. on a true line through the middle of the NW. $\frac{1}{4}$ of sec. 36.
- Over level bottom land, through scattered mesquite timber, dense mesquite brush and cactus.
- 5.03 Set an iron post 1 in. dia., for 1/256 sec. cor. of sec. 36, stamped on cap
- 1/256 S 36 in center.
1915 in S.
- Dig pits 18 x 18 x 12 ins. E. & W. of cor. 3 ft. dist.; and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, N. of cor.
- 10.05 Set an iron post 1 in. dia., for 1/64 sec. cor. of sec. 36, stamped on cap
- 1/64 S 36 in center.
1915 in S.
- Dig pits 18 x 18 x 12 ins. E. & W. of cor. 3 ft. dist.; and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, N. of cor.
- 12.10 Wood road, brs. NW. & SE.
- 15.08 Set an iron post 1 in. dia., for 1/256 sec. cor. of sec. 36, stamped on cap
- 1/256 S 36 in center.
1915 in S.
- Dig pits 18 x 18 x 12 ins. E. & W. of cor. 3 ft. dist.; and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, N. of cor.
- 20.10 Set an iron post 1 in. dia., for NW. 1/16 sec. cor. of sec. 36, stamped on cap
- NW 1/16 S 36 in center.
1915 in S.
- Dig pits 18 x 18 x 12 ins. E. & W. of cor. 3 ft. dist.; and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, N. of cor.
- 25.13 Set an iron post 1 in. dia., for 1/256 sec. cor. of sec. 36, stamped on cap
- 1/256 S 36 in center.
1915 in S.
- Dig pits 18 x 18 x 12 ins. E. & W. of cor. 3 ft. dist.; and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, N. of cor.
- 30.15 Set an iron post 1 in. dia., for 1/64 sec. cor. of sec. 36, stamped on cap

Resurvey of Subdivision lines in T. 15 S., R. 13 E.

Chains

$\frac{1}{64}$ S 36 in center.
1915 in S.

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

33.40 Wood road, bts. N. & S.

35.18 Set an iron post 1 in. dia., for $\frac{1}{256}$ sec. cor. of
sec. 36, stamped on cap

$\frac{1}{256}$ S 36 in center.
1915 in N.

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

40.21 The N. $\frac{1}{16}$ sec. cor. bet. secs. 35 and 36.

Land, level bottom.

Soil, 1st rate.

Timber, scattered mesquite 40.21 chs.

Brush, dense mesquite and cactus 40.21 chs.

Returning to the W. $\frac{1}{16}$ sec. cor. on $\frac{1}{4}$ sec. line of
sec. 36, I run

N. 0° 1' E., on a true line through the middle of
the NW. $\frac{1}{4}$ of sec. 36.

Over level bottom land, through scattered mesquite
timber, dense mesquite brush and cactus.

5.02 Set an iron post 1 in. dia., for $\frac{1}{256}$ sec. cor.
of sec. 36, stamped on cap

$\frac{1}{256}$ S 36 in center.
1915 in S.

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

10.04 Set an iron post 1 in. dia., for $\frac{1}{64}$ sec. cor. of
sec. 36, stamped on cap

$\frac{1}{64}$ S 36 in center.
1915 in S.

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

15.06 Set an iron post 1 in. dia., for $\frac{1}{256}$ sec. cor. of
sec. 36, stamped on cap

$\frac{1}{256}$ S 36 in center.
1915 in S.

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

Resurvey of Subdivision lines of T. 15 S., R. 13 E.

Chains

- 20.08 The NW. 1/16 sec. cor. of sec. 36.
- 25.10 Set an iron post 1 in. dia., for 1/256 sec. cor. of sec. 36, stamped on cap
 1/256 S 36 in center.
 1915 in S.
 Dig pits 18 x 18 x 12 ins. N. & S. of cor. 3 ft. dist.; and raise a mound of earth 3½ ft. base, 1½ ft. high, W. of cor.
- 30.12 Set an iron post 1 in. dia., for 1/64 sec. cor. of sec. 36, stamped on cap
 1/64 S 36 in center.
 1915 in S.
 Dig pits 18 x 18 x 12 ins. N. & S. of cor. 3 ft. dist.; and raise a mound of earth 3½ ft. base, 1½ ft. high, W. of cor.
- 35.14 Set an iron post 1 in. dia., for 1/256 sec. cor. of sec. 36, stamped on cap
 1/256 S 36 in center.
 1915 in S.
 Dig pits 18 x 18 x 12 ins. N. & S. of cor. 3 ft. dist.; and raise a mound of earth 3½ ft. base, 1½ ft. high, W. of cor.
- 40.16 The W. 1/16 sec. cor. bet secs. 25 and 36.
 Land, level bottom.
 Soil, 1st rate.
 Timber, scattered mesquite, 40.16 chs.
 Brush, dense mesquite and palo verde, 40.16 chs.
 March 2, 1915.
-
- Feb. 11, 1915. At 8^h 0^m a.m., l.m.t., I set off 32° 6' on lat. arc; and 14° 12' S. on decl. arc, and determine a meridian with the solar at the cor. of secs. 25, 26, 35 and 36.
- Thence I run
 N. 0° 40' E. on a true line bet. secs. 25 and 26.
 Over level bottom land, through scattered mesquite timber, mesquite brush and cactus.
- 2.10 Fence, N. 15° E. and S. 15° W.
- 5.02 The proportional point for 1/256 sec. cor. bet. secs. 25 and 26.
 Set an iron post 1 in. dia., stamped on cap
 1/256 in N.
 S 26 in W.
 S 25 in E.
 1915 in S.

Resurvey of Subdivision lines in T. 15 S., R. 13 E.

Chains

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

10.03 The proportional point for $1/64$ sec. cor. bet.
secs. 25 and 26.

Set an iron post 1 in. dia., stamped on cap

$1/64$ in N.
S 26 in W.
S 25 in E.
1915 in S.

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

15.05 The proportional point for $1/256$ sec. cor. bet.
secs. 25 and 26.

Set an iron post 1 in. dia., stamped on cap

$1/256$ in N.
S 26 in W.
S 25 in E.
1915 in S.

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

20.06 The proportional point for the S. $1/16$ sec. cor.
bet. secs. 25 and 26.

Set an iron post 1 in. dia., stamped on cap

S $1/16$ in N.
S 26 in W.
S 25 in E.
1915 in S.

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

25.08 The proportional point for the $1/256$ sec. cor. bet.
secs. 25 and 26.

Set an iron post 1 in. dia., stamped on cap

$1/256$ in N.
S 26 in W.
S 25 in E.
1915 in S.

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

30.10 The proportional point for the $1/64$ sec. cor. bet.
secs. 25 and 26.

Set an iron post 1 in. dia., stamped on cap

Resurvey of Subdivision lines of T. 15 S., R. 13 E.

Chains

1/64 in N.
 S 26 in W.
 S 25 in E.
 1915 in S.

Dig pits 18 x 18 x 12 ins. N. & S. of cor. 3 ft. dist.;
 and raise a mound of earth 3½ ft. base, 1½ ft. high,
 W. of cor.

32.00

Leave bottom land and scattered timber bearing NW. &
 SE.; thence over nearly level mesa land; through
 mesquite and palo verde brush, greasewood and cactus.

35.11

The proportional point for the 1/256 sec. cor. bet.
 secs. 25 and 26.

Set an iron post 1 in. dia., stamped on cap

1/256 in N.
 S 26 in W.
 S 25 in E.
 1915 in S.

Dig pits 18 x 18 x 12 ins. N. & S. of cor. 3 ft. dist.;
 and raise a mound of earth 3½ ft. base, 1½ ft. high,
 W. of cor.

39.90

Road, brs. N. 5° W. and S. 15° E.

40.13

The proportional point for the ¼ sec. cor. bet.
 secs. 25 and 26.

Set an iron post 1 in. dia., stamped on cap

¼ in N.
 S 26 in W.
 S 25 in E.
 1915 in S.

Dig pits 18 x 18 x 12 ins. N. & S. of cor. 3 ft. dist.;
 and raise a mound of earth 3½ ft. base, 1½ ft. high,
 W. of cor.

From this cor., a U. S. G. S. B. M., which is a 3 ins.
 iron post, brs. N. 38° 52' W., 82 lks. dist.,
 stamped on cap -

5 in NW.
 L G 24 in NE.
 NOGLS in SE.
 2540 in SW.

45.15

The proportional point for the 1/256 sec. cor. bet.
 secs. 25 and 26.

Set an iron post 1 in. dia., stamped on cap

1/256 in N.
 S 26 in W.
 S 25 in E.
 1915 in S.

Dig pits 18 x 18 x 12 ins. N. & S. of cor. 3 ft. dist.,
 and raise a mound of earth 3½ ft. base, 1½ ft. high,
 W. of cor.

Resurvey of Subdivision lines of T. 15 S., R. 13 E.

Chains

- 47.60 Fence, brs. N. 5° W. and S. 5° E.
- 50.16 The proportional point for 1/64 sec. cor. bet. secs. 25 and 26.
- Set an iron post 1 in. dia., stamped on cap
- 1/64 in N.
S 26 in W.
S 25 in E.
1915 in S.
- Dig pits 18 x 18 x 12 ins. N. & S. of cor. 3 ft. dist.; and raise a mound of earth 3½ ft. base, 1½ ft. high, W. of cor.
- 55.18 The proportional point for 1/256 sec. cor. bet. secs. 25 and 26.
- Set an iron post 1 in. dia., stamped on cap
- 1/256 in N.
S 26 in W.
S 25 in E.
1915 in S.
- Dig pits 18 x 18 x 12 ins. N. & S. of cor. 3 ft. dist.; and raise a mound of earth 3½ ft. base, 1½ ft. high, W. of cor.
- 60.19 The proportional point for the N. 1/16 sec. cor. bet. secs. 25 and 26.
- Set an iron post 1 in. dia., stamped on cap
- N 1/16 in N.
S 26 in W.
S 25 in E.
1915 in S.
- Dig pits 18 x 18 x 12 ins. N. & S. of cor. 3 ft. dist.; and raise a mound of earth 3½ ft. base, 1½ ft. high, W. of cor.
- 65.21 The proportional point for 1/256 sec. cor. bet. secs. 25 and 26.
- Set an iron post 1 in. dia., stamped on cap
- 1/256 in N.
S 26 in W.
S 25 in E.
1915 in S.
- Dig pits 18 x 18 x 12 ins. N. & S. of cor. 3 ft. dist.; and raise a mound of earth 3½ ft. base, 1½ ft. high, W. of cor.
- 70.23 The proportional point for the 1/64 sec. cor. bet. secs. 25 and 26.
- Set an iron post 1 in. dia., stamped on cap
- 1/64 in N.
S 26 in W.
S 25 in E.
1915 in S.

Resurvey of Subdivision lines of T. 15 S., R. 13 E.

| Chains | |
|--------|--|
| | Dig pits 18 x 18 x 12 ins. N. & S. of cor. 3 ft. dist.; and raise a mound of earth 3½ ft. base, 1½ ft. high, W. of cor. |
| 75.24 | The proportional point for 1/256 sec. cor. bet. secs. 25 and 26. Set an iron post 1 in. dia., stamped on cap 1/256 in N. S 26 in W. S 25 in E. 1915 in S. |
| | Dig pits 18 x 18 x 12 ins. N. & S. of cor. 3 ft. dist.; and raise a mound of earth 3½ ft. base, 1½ ft. high, W. of cor. |
| 80.26 | The proportional point for the cor. of secs. 23, 24, 25 and 26. Set an iron post 2 ins. dia., stamped on cap T 15 S S 23 in NW. R 13 E S 24 in NE. S 25 in SE. S 26 in SW. 1915 in S. |
| | Dig pits 18 x 18 x 12 ins. in each sec. 5½ ft. dist.; and raise a mound of earth 4 ft. base, 2 ft. high, W. of cor. |
| | Land, level bottom, 32.00 chs. nearly level mesa, 48.31 chs. Soil, 1st rate, 32.00 chs. 2nd and 3rd rate, 48.31 chs. Timber, scattered mesquite, 32.00 chs. Brush, mesquite, palo verde, greasewood and cactus. |
| 9.50 | Thence N. 89° 45' E. on a true line bet. secs. 24 and 25. Over nearly level mesa land, through mesquite and palo verde brush, greasewood and cactus. |
| 39.89 | Road, brs. NW. & SE. The proportional point for the ¼ sec. cor. bet. secs. 24 and 25. Set an iron post 1 in. dia., stamped on cap ¼ in W. S 24 in N. S 25 1915 in S. |
| 46.50 | Dig pits 18 x 18 x 12 ins. E. & W. of cor. 3 ft. dist.; and raise a mound of earth 3½ ft. base, 1½ ft. high, N. of cor. Road, brs. N. 60° W. and S. 60° E. |

Resurvey of Subdivision lines of T. 15 S., R. 13 E.

Chains

53.20 Road, brs. NW. & SE.
 79.77 The reestablished cor. of secs. 19, 24, 25 and 30, on E. bdy. of tp., previously described.

Land, nearly level mesa, 79.77 chs.
 Soil, 2nd rate.
 No timber.
 Brush, mesquite and palo verde, greasewood and cactus.

Feb. 11, 1915. At this cor. I set off $14^{\circ} 10'$ S. on decl. arc, and at apparent noon observe the sun on the meridian. The resulting lat. is $32^{\circ} 7'$ which is the proper lat.

From the cor. of secs. 23, 24, 25 and 26, I run N. $0^{\circ} 16'$ W. on a true line bet. secs. 23 and 24.

Over nearly level mesa land, through mesquite and palo verde brush, greasewood and cactus.

19.80 Road, brs. NW. & SE.

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

40.13 The proportional point for the $\frac{1}{4}$ sec. cor. bet. secs. 23 and 24.

Set an iron post 1 in. dia., stamped on cap

$\frac{1}{4}$ in N.
 S 23 in W.
 S 24 in E.
 1915 in S.

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

80.26 The proportional point for the cor. of secs. 13, 14, 23 and 24, on N. bdy. of Papago Indian Reservation.

Set an iron post 3 ins. dia., stamped on cap

T 15 S S 14 in NW.
 R 13 E S 13 in NE.
 S 25 in SE.
 S 26 in SW.
 P I R. 1915 in S.

Dig pits 18 x 18 x 12 ins. in each sec. $5\frac{1}{2}$ ft. dist.; and raise a mound of stone $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, W. of cor.

Land, nearly level mesa.
 Soil, 2nd rate.
 Brush, mesquite and palo verde, greasewood and cactus.
 No timber.

Resurvey of Subdivision lines of T. 15 S., R. 13 E.

Chains

Thence N. 89° 41' E. on a true line bet. secs. 13 and 24, along N. bdy. of Papago Indian Reservation, over nearly level mesa land, through mesquite and palo verde brush, greasewood and cactus.

17.20

Road, brs. NW. & SE.

20.03

The proportional point for the W. 1/16 sec. cor. bet. secs. 13 and 24.

Set an iron post 1 in. dia., stamped on cap

W 1/16 in W.
S 13 in N.
S 24 P I R 1915 in S.

Dig pits 18 x 18 x 12 ins. E. & W. of cor. 3 ft. dist.; and raise a mound of earth 3½ ft. base, 1½ ft. high, N. of cor.

40.06

The proportional point for the ¼ sec. cor. bet. secs. 13 and 24.

Set an iron post 1 in. dia., stamped on cap

¼ in W.
S 13 in N.
S 24 P I R 1915 in S.

Dig pits 18 x 18 x 12 ins. E. & W. of cor. 3 ft. dist.; and raise a mound of earth 3½ ft. base, 1½ ft. high, N. of cor.

60.10

The proportional point for the E. 1/16 sec. cor. bet. secs. 13 and 24.

Set an iron post 1 in. dia., stamped on cap

E 1/16 in W.
S 13 in N.
S 24 P I R 1915 in S.

Dig pits 18 x 18 x 12 ins. E. & W. of cor. 3 ft. dist.; and raise a mound of earth 3½ ft. base, 1½ ft. high, N. of cor.

78.90

Road, brs. N. & S.

79.60

Right of way fence, S. P. R. R., brs. N. 5° W., and S. 5° E.

80.13

The cor. of secs. 13, 18, 19 and 24, on E. bdy. of tp. previously described.

Land, nearly level mesa.

Soil, 2nd rate.

Brush, mesquite and palo verde, greasewood and cactus.
No timber.

Feb. 11, 1915.

Resurvey of Subdivision lines of T. 15 S., R. 13 E.

Chains

Feb. 12, 1915. At 8^h 0^m a.m., l.m.t., I set off 32° 5' on lat. arc, and 13° 52½' S. on decl. arc, and determine a meridian with the solar at the true point for the S. C. of secs. 34 and 35, on S. bdy. of tp., previously described.

Thence I run

N. 0° 5' W. on a true line bet. secs. 34 and 35.

Over level bottom land, through scattered mesquite timber, mesquite brush and cactus.

5.00 The proportional point for 1/256 sec. cor. bet. secs. 34 and 35.

Set an iron post 1 in. dia., stamped on cap

1/256 in N.
S 34 in W.
S 35 in E.
1915 in S.

Dig pits 18 x 18 x 12 ins, N. & S. of cor. 3 ft. dist.; and raise a mound of earth 3½ ft. base, 1½ ft. high, W. of cor.

10.00 The proportional point for the 1/64 sec. cor. bet. secs. 34 and 35.

Set an iron post 1 in. dia., stamped on cap

1/64 in N.
S 34 in W.
S 35 in E.
1915 in S.

Dig pits 18 x 18 x 12 ins. N. & S. of cor. 3 ft. dist.; and raise a mound of earth 3½ ft. base, 1½ ft. high, W. of cor.

15.00 The proportional point for the 1/256 sec. cor. bet. secs. 34 and 35.

Set an iron post 1 in. dia., stamped on cap

1/256 in N.
S 34 in W.
S 35 in E.
1915 in S.

Dig pits 18 x 18 x 12 ins. N. & S. of cor. 3 ft. dist.; and raise a mound of earth 3½ ft. base, 1½ ft. high, W. of cor.

20.00 The proportional point for the S. 1/16 sec. cor. bet. secs. 34 and 35.

Set an iron post 1 in. dia., stamped on cap

S 1/16 in N.
S 34 in W.
S 35 in E.
1915 in S.

Dig pits 18 x 18 x 12 ins. N. & S. of cor. 3 ft. dist.; and raise a mound of earth 3½ ft. base, 1½ ft. high, W. of cor.

Resurvey of Subdivision lines of T. 15 S., R. 13 E.

| Chains | |
|--------|---|
| 25.00 | <p>The proportional point for the $1/256$ sec. cor. bet. secs. 34 and 35.</p> <p>Set an iron post 1 in. dia., stamped on cap</p> <p style="padding-left: 40px;">$1/256$ in N. S 34 in W. S 35 in E. 1915 in S.</p> <p>Dig pits 18 x 18 x 12 ins. N. & S. of cor. 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> |
| 30.00 | <p>The proportional point for $1/64$ sec. cor. bet. secs. 34 and 35.</p> <p>Set an iron post 1 in. dia., stamped on cap</p> <p style="padding-left: 40px;">$1/64$ in N. S 34 in W. S 35 in E. 1915 in S.</p> <p>Dig pits 18 x 18 x 12 ins. N. & S. of cor. 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> |
| 35.00 | <p>The proportional point for the $1/256$ sec. cor. bet. secs. 34 and 35.</p> <p>Set an iron post 1 in. dia., stamped on cap</p> <p style="padding-left: 40px;">$1/256$ in N. S 34 in W. S 35 in E. 1915 in S.</p> <p>Dig pits 18 x 18 x 12 ins. N. & S. of cor. 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>The proportional point for the $\frac{1}{4}$ sec. cor. bet. secs. 34 and 35.</p> <p>Set an iron post 1 in. dia., stamped on cap</p> <p style="padding-left: 40px;">$\frac{1}{4}$ in N. S 34 in W. S 35 in E. 1915 in S.</p> <p>From which a</p> <p>Mesquite 4 ins. dia., brs. S. $10\frac{1}{2}^{\circ}$ E., 38 lks. dist.; mkd. $\frac{1}{4}$ S 35 B T.</p> <p>Mesquite 4 ins. dia., brs. N. $62\frac{1}{2}^{\circ}$ W., 8 lks. dist.; mkd. $\frac{1}{4}$ S 34 B T.</p> |
| 45.00 | <p>The proportional point for the $1/256$ sec. cor. bet. secs. 34 and 35.</p> <p>Set an iron post 1 in. dia., stamped on cap</p> |

Resurvey of Subdivision lines of T. 15 S., R. 13 E.

| | |
|--------|--|
| Chains | <p>1/256 in N. S 34 in W. S 35 in E. 1915 in S.</p> <p>Dig pits 18 x 18 x 12 ins. N. & S. of cor. 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> |
| 50.00 | <p>The proportional point for 1/64 sec. cor. bet. secs. 34 and 35.</p> <p>Set an iron post 1 in. dia., stamped on cap</p> <p>1/64 in N. S 34 in W. S 35 in E. 1915 in S.</p> <p>Dig pits 18 x 18 x 12 ins. N. & S. of cor. 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> |
| 55.00 | <p>The proportional point for 1/256 sec. cor. bet. secs. 34 and 35.</p> <p>Set an iron post 1 in. dia., stamped on cap</p> <p>1/256 in N. S 34 in W. S 35 in E. 1915 in S.</p> <p>Dig pits 18 x 18 x 12 ins. N. & S. of cor. 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> |
| 59.60 | Wood road, brs. E. & W. |
| 60.00 | <p>The proportional point for the N. 1/16 sec. cor. bet. secs. 34 and 35.</p> <p>Set an iron post 1 in. dia., stamped on cap</p> <p>N 1/16 in N. S 34 in W. S 35 in E. 1915 in S.</p> <p>Dig pits 18 x 18 x 12 ins. N. & S. of cor. 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> |
| 65.00 | <p>The proportional point for 1/256 sec. cor. bet. secs. 34 and 35.</p> <p>Set an iron post 1 in. dia., stamped on cap</p> <p>1/256 in N. S 34 in W. S 35 in E. 1915 in S.</p> <p>Dig pits 18 x 18 x 12 ins. N. & S. of cor. 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> |
| 69.30 | Irrigation ditch 10 lks. wide, course NW. |
| 69.50 | Fence, brs. NW. & SE. |
| | Leave timber and brush; enter cultivated land. |

Resurvey of Subdivision lines of T. 15 S., R. 13 E.

Chains
70.00The proportional point for 1/64 sec. cor. bet. secs.
34 and 35.

Set an iron post 1 in. dia., stamped on cap

1/64 in N.
 S 34 in W.
 S 35 in E.
 1915 in S.

Dig pits 18 x 18 x 12 ins. N. & S. of cor. 3 ft. dist.;
 and raise a mound of earth 3½ ft. base, 1½ ft. high,
 W. of cor.

75.00

The proportional point for the 1/256 sec. cor. bet.
secs. 34 and 35.

1/256 in N.
 S 34 in W.
 S 35 in E.
 1915 in S.

Dig pits 18 x 18 x 12 ins. N. & S. of cor. 3 ft. dist.;
 and raise a mound of earth 3½ ft. base, 1½ ft. high,
 W. of cor.

79.70

Fence, brs. E. & W.

80.00

The proportional point for the cor. of secs. 26, 27,
34 and 35.

Set an iron post 2 ins. dia., stamped on cap

T 15 S S 27 in NW.
 R 13 E S 26 in NE.
 S 35 in SE.
 S 34 in SW.
 1915 in S.

Dig pits 18 x 18 x 12 ins. in each sec. 5½ ft. dist.;
 and raise a mound of earth 4 ft. base, 2 ft. high,
 W. of cor.

Land, level bottom.

Soil, 1st rate.

Timber, scattered mesquite, 69.50 chs.

Brush, mesquite and cactus, 69.50 chs.

Cultivated land, 10.50 chs.

Feb. 12, 1915. At this cor. I set off 13° 50' S.
 on decl. arc, and at apparent noon observe the
 sun on the meridian; the resulting lat. is 32°
 6' which is the proper lat.

Thence N. 89° 49' E. on a true line bet. secs. 26 and 35.

Over level cultivated bottom land.

5.02

The proportional point for 1/256 sec. cor. bet.
secs. 26 and 35.

Set an iron post 1 in. dia., stamped on cap

Resurvey of Subdivision lines of T. 15 S., R. 12 E.

Chains

1/256 in N.
S 34 in W.
S 35 in E.
1915 in S.

Dig pits 18 x 18 x 12 ins. E. & W. of cor. 3 ft. dist.;
and raise a mound of earth 3½ ft. base, 1½ ft. high,
N. of cor.

10.05

The proportional point for the 1/64 sec. cor. bet.
secs. 26 and 35.

Set an iron post 1 in. dia., stamped on cap

1/64 in W.
S 26 in N.
S 35 1915 in S.

Dig pits 18 x 18 x 12 ins. E. & W. of cor. 3 ft. dist.;
and raise a mound of earth 3½ ft. base, 1½ ft. high,
N. of cor.

11.90

Fence, brs. N. 89° E. and S. 89° W.

15.07

The proportional point for 1/256 sec. cor. bet.
secs. 26 and 35.

Set an iron post 1 in. dia., stamped on cap

1/256 in W.
S 26 in N.
S 35 1915 in S.

Dig pits 18 x 18 x 12 ins. E. & W. of cor. 3 ft. dist.;
and raise a mound of earth 3½ ft. base, 1½ ft. high,
N. of cor.

20.10

The proportional point for the W. 1/16 sec. cor.
bet. secs. 26 and 35.

Set an iron post 1 in. dia., stamped on cap

W 1/16 in W.
S 26 in N.
S 35 1915 in S.

Dig pits 18 x 18 x 12 ins. E. & W. of cor. 3 ft. dist.;
and raise a mound of earth 3½ ft. base, 1½ ft. high,
N. of cor.

20.50

Fence, brs. N. & S.

Leave cultivated land; enter scattered mesquite
timber, brush and cactus.

25.12

The proportional point for 1/256 sec. cor. bet.
secs. 26 and 35.

Set an iron post 1 in. dia., stamped on cap

1/256 in W.
S 26 in N.
S 35 1915 in S.

Dig pits 18 x 18 x 12 ins. E. & W. of cor. 3 ft. dist.;
and raise a mound of earth 3½ ft. base, 1½ ft. high,
N. of cor.

Resurvey of Subdivision lines in T. 15 S., R. 13 E.

| Chain | |
|-------|---|
| 30.15 | <p>The proportional point for 1/64 sec. cor. bet. secs. 26 and 35.</p> <p>Set an iron post 1 in. dia., stamped on cap</p> <p style="padding-left: 40px;">1/64 in W. S 26 in N. S 35 1915 in S.</p> <p>Dig pits 18 x 18 x 12 ins. E. & W. of cor. 3 ft. dist.; and raise a mound of earth 3½ ft. base, 1½ ft. high, N. of cor.</p> |
| 35.17 | <p>The proportional point for 1/256 sec. cor. bet. secs. 26 and 35.</p> <p>Set an iron post 1 in. dia., stamped on cap</p> <p style="padding-left: 40px;">1/256 in W. S 26 in N. S 35 1915 in S.</p> <p>Dig pits 18 x 18 x 12 ins. E. & W. of cor. 3 ft. dist.; and raise a mound of earth 3½ ft. base, 1½ ft. high, N. of cor.</p> |
| 40.20 | <p>The proportional point for the ¼ sec. cor. bet. secs. 26 and 35.</p> <p>Set an iron post 1 in. dia., stamped on cap</p> <p style="padding-left: 40px;">¼ in W. S 26 in N. S 35 1915 in S.</p> <p>Dig pits 18 x 18 x 12 ins. E. & W. of cor. 3 ft. dist.; and raise a mound of earth 3½ ft. base, 1½ ft. high, N. of cor.</p> |
| 41.80 | Wood road, brs. N. & S. |
| 45.22 | <p>The proportional point for 1/256 sec. cor. bet. secs. 26 and 35.</p> <p>Set an iron post 1 in. dia., stamped on cap</p> <p style="padding-left: 40px;">1/256 in W. S 26 in N. S 35 1915 in S.</p> <p>Dig pits 18 x 18 x 12 ins. E. & W. of cor. 3 ft. dist.; and raise a mound of earth 3½ ft. base, 1½ ft. high, N. of cor.</p> |
| 46.58 | <p>Left bank of Santa Cruz River; cut bank 12 ft. high, course N.</p> <p>Set an iron post 1 in. dia., for the M. C. bet. secs. 26 and 35, stamped on cap</p> <p style="padding-left: 40px;">T 15 S S 26 in N. R 13 E S 35 1915 in S. M C in E.</p> |

Resurvey of Subdivision lines of T. 15 S., R. 13 E.

Chains

Dig pits 36 x 36 x 12 ins. 8 ft. W. of cor.; and raise a mound of earth 4 ft. base, 2 ft. high, W. of cor.

48.32

Right bank of Santa Cruz River; cut bank 12 ft. high, course N.

Set an iron post 1 in. dia., for M. C. bet. secs. 26 and 35, stamped on cap

M C in W.
T 15 S S 26 in N.
R 13 E S 35 1915 in S.

Dig pit 36 x 36 x 12 ins. 8 ft. E. of cor.; and raise a mound of earth 4 ft. base, 2 ft. high, W. of cor.

50.25

The proportional point for 1/64 sec. cor. bet. secs. 26 and 35.

Set an iron post 1 in. dia., stamped on cap

1/64 in W.
S 26 in N.
S 35 1915 in S.

Dig pits 18 x 18 x 12 ins. E. & W. of cor. 3 ft. dist.; and raise a mound of earth 3½ ft. base, 1½ ft. high, N. of cor.

53.10

Wood road, brs. N. & S.

55.27

The proportional point for 1/256 sec. cor. bet. secs. 26 and 35.

Set an iron post 1 in. dia., stamped on cap

1/256 in W.
S 26 in N.
S 35 1915 in S.

Dig pits 18 x 18 x 12 ins. E. & W. of cor. 3 ft. dist.; and raise a mound of earth 3½ ft. base, 1½ ft. high, N. of cor.

60.30

The proportional point for the E. 1/16 sec. cor. bet. secs. 26 and 35.

Set an iron post 1 in. dia., stamped on cap

E 1/16 in W.
S 26 in N.
S 35 1915 in S.

Dig pits 18 x 18 x 12 ins. E. & W. of cor. 3 ft. dist.; and raise a mound of earth 3½ ft. base, 1½ ft. high, N. of cor.

65.32

The proportional point for 1/256 sec. cor. bet. secs. 26 and 35.

Set an iron post 1 in. dia., stamped on cap

1/256 in W.
S 26 in N.
S 35 1915 in S.

Resurvey of Subdivision lines of T. 16 S., R. 13 E.

Chains

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

70.35

The proportional point for $1/64$ sec. cor. bet. secs.
26 and 35.

Set an iron post 1 in. dia., stamped on cap

$1/64$ in W.
S 26 in N.
S 35 1915 in S.

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

75.37

The proportional point for $1/256$ sec. cor. bet. secs.
26 and 35.

Set an iron post 1 in. dia., stamped on cap

$1/256$ in W.
S 26 in N.
S 35 1915 in S.

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

79.60

Fence, brs. N. 30° E. and S. 30° W.

80.40

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

Land, level bottom.

Soil, 1st rate.

Timber, scattered mesquite, 69.90 chs.

Brush, mesquite and cactus, 69.90 chs.

Cultivated land, 20.50 chs.

Feb. 12, 1915.

March 3, 1915. At 8h 0m a.m., l.m.t., I set off 32°
 $5'$ on lat. arc, and $7^{\circ} 3'$ S. on decl. arc, and deter-
mine a meridian with the solar at the Standard $\frac{1}{4}$ sec.
cor. of sec. 35, on S. bdy. of tp., previously
described.

Thence I run

N. on a random line through the middle of sec. 35,
setting temp. $1/16$, $1/64$ and $1/256$ sec. cors.

40.00

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

80.20

Run 2 lks. E. of $\frac{1}{4}$ sec. cor. bet. secs. 26 and 35.

(I move temp. center $\frac{1}{4}$ sec. cor. 1 lk. W.)

From the $\frac{1}{4}$ sec. cor. bet. secs. 34 and 35, I run

Resurvey of Subdivision lines of T. 15 S., R. 13 E.

| Chains | |
|--------|---|
| | N. 89° 58' E. on a random line through the middle of sec. 35, setting temp. 1/16. 1/64 and 1/256 sec. cors. |
| 40.16 | Fall 3½ lks. N. of temp. center ¼ sec. cor. |
| 80.36 | Fall 9 lks. S. of ¼ sec. cor. bet. secs. 35 and 36. (Therefore, the position for center ¼ sec. cor. is 8 lks. N. 0° 1' W. from temp. center ¼ sec. cor.) ----- |
| | Thence I run, S. 89° 54' W. on a true line through the middle of sec. 35. Over level bottom land, through scattered mesquite timber, dense mesquite brush and cactus. |
| 5.02 | Set an iron post 1 in. dia. for 1/256 sec. cor. on ¼ sec. line of sec. 35, stamped on cap 1/256 S. 35 in center. 1915 in S. |
| | Dig pits 18 x 18 x 12 ins. E. & W. of cor. 3 ft. dist.; and raise a mound of earth 3½ ft. base, 1½ ft. high, N. of cor. |
| 6.40 | Wood road, brs. N. 15° W. and S. 15° E. |
| 10.05 | Set an iron post 1 in. dia., for 1/64 sec. cor. on ¼ sec. line of sec. 35, stamped on cap 1/64 S 35 in center. 1915 in S. |
| | Dig pits 18 x 18 x 12 ins. E. & W. of cor. 3 ft. dist.; and raise a mound of earth 3½ ft. base, 1½ ft. high, N. of cor. |
| 15.07 | Set an iron post 1 in. dia., for 1/256 sec. cor. on ¼ sec. line of sec. 35, stamped on cap 1/256 S 35 in center. 1915 in S. |
| | Dig pits 18 x 18 x 12 ins. E. & W. of cor. 3 ft. dist.; and raise a mound of earth 3½ ft. base, 1½ ft. high, N. of cor. |
| 17.90 | Right bank of Santa Cruz River; cut bank 10 ft. high, course NW. Set an iron post 1 in. dia., for M. C. on ¼ sec. line of sec. 35, stamped on cap M C ¼ in W. S 35 in center. ¼ in E. 1915 in S. |

Resurvey of Subdivision lines of T. 15 S., R. 13 E.

| Chains | |
|--------|---|
| | <p>Dig pit 36 x 36 x 12 ins. 8 ft. E. of cor.; and raise a mound of earth 4 ft. base, 2 ft. high, W. of cor.</p> <p>Thence across river.</p> |
| 20.10 | <p>Set an iron post for the E. 1/16 sec. cor. on $\frac{1}{4}$ sec. line of sec. 35, also left bank of Santa Cruz River; cut bank 10 ft. high, course NW., stamped on cap</p> <p style="padding-left: 40px;">E 1/16 in N. M C $\frac{1}{4}$ in E. $\frac{1}{4}$ in W. S 35 1915 in S.</p> <p>Dig pits 18 x 18 x 12 ins. E. & W. of cor. 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> |
| 25.12 | <p>Set an iron post 1 in. dia., for 1/256 sec. cor. on $\frac{1}{4}$ sec. line of sec. 35, stamped on cap</p> <p style="padding-left: 40px;">1/256 S 35 in center. 1915 in S.</p> <p>Dig pits 18 x 18 x 12 ins. E. & W. of cor. 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> |
| 30.15 | <p>Set an iron post 1 in. dia., for 1/64 sec. cor. on $\frac{1}{4}$ sec. line of sec. 35, stamped on cap</p> <p style="padding-left: 40px;">1/64 S 35 in center. 1915 in S.</p> <p>Dig pits 18 x 18 x 12 ins. E. & W. of cor. 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> |
| 35.17 | <p>Set an iron post 1 in. dia., for 1/256 sec. cor. on $\frac{1}{4}$ sec. line of sec. 35, stamped on cap</p> <p style="padding-left: 40px;">1/256 S 35 in center. 1915 in S.</p> <p>Dig pits 18 x 18 x 12 ins. E. & W. of cor. 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> |
| 40.20 | <p>Set an iron post 1 in. dia., for the center $\frac{1}{4}$ sec. cor. of sec. 35, stamped on cap</p> <p style="padding-left: 40px;">$\frac{1}{4}$ S 35 in center. 1915 in S.</p> <p>Dig pits 18 x 18 x 12 ins. E., W. & S. of cor. 3 ft. dist.; and N. 7 ft.; and raise a mound of earth 4 ft. base, 2 ft. high, N. of cor.</p> |
| 45.22 | <p>Set an iron post 1 in. dia., for 1/256 sec. cor. on $\frac{1}{4}$ sec. line of sec. 35, stamped on cap</p> <p style="padding-left: 40px;">1/256 S 35 in center. 1915 in S.</p> <p>Dig pits 18 x 18 x 12 ins. E. & W. of cor. 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> |

Resurvey of Subdivision lines of T. 15 S., R. 13 E.

| Chains | |
|--------|--|
| 45.80 | Junction Wood Roads, bearing N. & S. and N. 75° W. and S. 75° E. |
| 50.24 | Set an iron post 1 in. dia., for 1/64 sec. cor. on 1/4 sec. line of sec. 35, stamped on cap 1/64 S 35 in center. 1915 in S. |
| | Dig pits 18 x 18 x 12 ins. E. & W. of cor. 3 ft. dist.; and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high, N. of cor. |
| 55.26 | Set an iron post 1 in. dia., for 1/256 sec. cor. on 1/4 sec. line of sec. 35, stamped on cap 1/256 S 35 in center. 1915 in S. |
| | Dig pits 18 x 18 x 12 ins. E. & W. of cor. 3 ft. dist.; and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high, N. of cor. |
| 60.28 | Set an iron post 1 in. dia., for the W. 1/16 sec. cor. on 1/4 sec. line of sec. 35, stamped on cap 1/4 in E. & W. W 1/16 S 35 in center. 1915 in S. |
| | Dig pits 18 x 18 x 12 ins. E. & W. of cor. 3 ft. dist.; and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high, N. of cor. |
| 65.30 | Set an iron post 1 in. dia., for the 1/256 sec. cor. on 1/4 sec. line of sec. 35, stamped on cap 1/256 S 35 in center. 1915 in S. |
| | Dig pits 18 x 18 x 12 ins. E. & W. of cor. 3 ft. dist.; and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high, N. of cor. |
| 70.32 | Set an iron post 1 in. dia., for 1/64 sec. cor. on 1/4 sec. line of sec. 35, stamped on cap 1/64 S 35 in center. 1915 in S. |
| | Dig pits 18 x 18 x 12 ins. E. & W. of cor. 3 ft. dist.; and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high, N. of cor. |
| 72.60 | Irrigation canal, 10 lks. wide, course N. |
| 75.34 | Set an iron post 1 in. dia., for 1/256 sec. cor. on 1/4 sec. line of sec. 35, stamped on cap 1/256 S 35 in center. 1915 in S. |
| | Dig pits 18 x 18 x 12 ins. E. & W. of cor. 3 ft. dist.; and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high, N. of cor. |

Resurvey of Subdivision lines of T. 15 S., R. 13 E.

Chains

80.36

The $\frac{1}{4}$ sec. cor. betw. secs. 34 and 35.

Land, level.

Soil, 1st rate.

Timber, scattered mesquite, 80.36 chs.

Brush, dense mesquite and palo verde, 80.36 chs.

March 3, 1915. At this cor. I set off $7^{\circ} 00'$ S. on decl. arc, and at apparent noon, observe the sun on the meridian. The resulting lat. is $32^{\circ} 5\frac{1}{2}'$ which is the proper lat.

Returning to the Standard $\frac{1}{4}$ sec. cor. of sec. 35, on S. bdy. of tp., I run

N. $0^{\circ} 1'$ W. on a true line through the middle of sec. 35.

Over level bottom land, through scattered mesquite timber, dense mesquite brush and cactus.

5.01

Set an iron post 1 in. dia., for $1/256$ sec. cor. on $\frac{1}{4}$ sec. line of sec. 35, stamped on cap

$1/256$ S 35 in center.
1915 in S.

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

10.02

Set an iron post 1 in. dia., for $1/64$ sec. cor. on $\frac{1}{4}$ sec. line of sec. 35, stamped on cap

$1/64$ S 35 in center.
1915 in S.

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

15.03

Set an iron post 1 in. dia., for $1/256$ sec. cor. on $\frac{1}{4}$ sec. line of sec. 35, stamped on cap

$1/256$ S 35 in center.
1915 in S.

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

20.04

Set an iron post 1 in. dia., for S. $1/16$ sec. cor. on $\frac{1}{4}$ sec. line of sec. 35, stamped on cap

$\frac{1}{4}$ in N. & S.
S $1/16$ S 35 in center.
1915 in S.

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

Resurvey of Subdivision lines of T. 15 S., R. 13 E.

Chains

- 25.05 Set an iron post 1 in. dia., for 1/256 sec. cor. on $\frac{1}{4}$ sec. line of sec. 35, stamped on cap
 1/256 S 35 in center.
 1915 in S.
 Dig pits 18 x 18 x 12 ins. N. & S. of cor. 3 ft. dist.; and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, W. of cor.
- 30.06 Set an iron post 1 in. dia., for 1/64 sec. cor. on $\frac{1}{4}$ sec. line of sec. 35, stamped on cap
 1/64 S 35 in center.
 1915 in S.
 Dig pits 18 x 18 x 12 ins. N. & S. of cor. 3 ft. dist.; and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, W. of cor.
- 35.07 Set an iron post 1 in. dia., for 1/256 sec. cor. on $\frac{1}{4}$ sec. line of sec. 35, stamped on cap
 1/256 S 35 in center.
 1915 in S.
 Dig pits 18 x 18 x 12 ins. N. & S. of cor. 3 ft. dist.; and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, W. of cor.
- 36.50 Wood road, bro. NW. & SE.
- 40.08 The center $\frac{1}{4}$ sec. cor. of sec. 35.
- 45.09 Set an iron post 1 in. dia., for 1/256 sec. cor. on $\frac{1}{4}$ sec. line of sec. 35, stamped on cap
 1/256 S 35 in center.
 1915 in S.
- 49.20 Wood road, bro. N. 75° W. and S. 75° E.
- 50.11 Set an iron post 1 in. dia., for 1/64 sec. cor. on $\frac{1}{4}$ sec. line, of sec. 35, stamped on cap
 1/64 S 35 in center.
 1915 in S.
 Dig pits 18 x 18 x 12 ins. N. & S. of cor. 3 ft. dist.; and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, W. of cor.
- 55.12 Set an iron post 1 in. dia., for 1/256 sec. cor. on $\frac{1}{4}$ sec. line of sec. 35, stamped on cap
 1/256 S 35 in center.
 1915 in S.
 Dig pits 18 x 18 x 12 ins. N. & S. of cor. 3 ft. dist.; and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, W. of cor.

Resurvey of Subdivision lines of T. 15 S., R. 13 E.

| Chains | |
|---|--|
| 60.14 | <p>Set an iron post 1 in. dia., for N. 1/16 sec. cor. on $\frac{1}{4}$ sec. line of sec. 35, stamped on cap</p> <p style="text-align: center;">$\frac{1}{4}$ in N. N 1/16 S 36 in center. $\frac{1}{4}$ 1915 in S.</p> <p>Dig pits 18 x 18 x 12 ins. N. & S. of cor. 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> |
| 65.15 | <p>Set an iron post 1 in. dia., for 1/256 sec. cor. on $\frac{1}{4}$ sec. line of sec. 35, stamped on cap</p> <p style="text-align: center;">1/256 S 35 in center. 1915 in S.</p> <p>Dig pits 18 x 18 x 12 ins. N. & S. of cor. 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> |
| 70.17 | <p>Set an iron post 1 in. dia., for 1/64 sec. cor. on $\frac{1}{4}$ sec. line of sec. 35, stamped on cap</p> <p style="text-align: center;">1/64 S 35 in center. 1915 in S.</p> <p>Dig pits 18 x 18 x 12 ins. N. & S. of cor. 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> |
| 75.18 | <p>Set an iron post 1 in. dia., for 1/256 sec. cor. on $\frac{1}{4}$ sec. line of sec. 35, stamped on cap</p> <p style="text-align: center;">1/256 S 35 in center. 1915 in S.</p> <p>Dig pits 18 x 18 x 12 ins. N. & S. of cor. 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> |
| 76.80 | Wood road, brs. N. 10° E., and S. 10° W. |
| 80.20 | <p>The $\frac{1}{4}$ sec. cor. bet. secs. 26 and 35.</p> <p>Land, level bottom. Soil, 1st rate. Timber, scattered mesquite, 80.20 chs. Brush, dense mesquite and cactus, 80.30 chs.</p> |
| March 3rd, 1915. | |
| <p>March 4, 1915. At 8^h 0^m a.m., l.m.t., I set off 32° 5' on lat. arc, and 6° 40' S. on decl. arc, and determine a meridian with the solar at the Standard E. 1/16 sec. cor. of sec. 35 on S. bdy. of tp.</p> | |
| Thence I run | |
| <p>N. on a random line through the middle of the SE. $\frac{1}{4}$ of sec. 35, setting temp. 1/16, 1/64 and 1/256 sec.cors.</p> | |
| 20.00 | Set temp. SE. 1/16 sec. cor. |
| 40.08 | <p>Fall 1 lk. E. of E. 1/16 sec. cor. on $\frac{1}{4}$ sec. line. (Move temp. SE. 1/16 sec. cor. $\frac{1}{4}$ lk. W.)</p> |

Resurvey of Subdivision lines of T. 15 S., R. 13 E.

- Chains
- From S. 1/16 sec. cor. on $\frac{1}{4}$ sec. line of sec. 35, I run S. 89° 59' E. on a random line through the middle of SE. $\frac{1}{4}$ of sec. 35, setting temp. 1/16, 1/64 & 1/256 cors.
- 20.08 Fall 1 lk. N. of temp. SE. 1/16 sec. cor.
- 40.16 Fall 6 lks. S. of the S. 1/16 sec. cor. bet. secs. 35 and 36.
- (Therefore, position for the SE. 1/16 sec. cor. is 4 lks. N. 0° 1' W. from temp. SE. 1/16 sec. cor.)
- Thence I run
- S. 89° 57' W. on a true line through the middle of the SE. $\frac{1}{4}$ of sec. 35.
- Over level bottom land, through scattered mesquite timber, dense mesquite brush and cactus.
- 2.54 Right bank of Santa Cruz River; cut bank 10 ft. high; course NW.
- Set an iron post 1 in. dia., for M. C. ^{on S. 1/16 sec. line} of sec. 35, stamped on cap
- S in E.
S M C in W.
S 1/16 S 35 in E.
1915 in S.
- Dig pit 36 x 36 x 12 ins. 8 ft. E. of cor.; and raise a mound of earth 4 ft. base, 2 ft. high, E. of cor.
- Thence across river.
- 4.72 Left bank of Santa Cruz River; out bank 10 ft. high, course NW.
- Set an iron post 1 in. dia., for M. C. on S. 1/16 sec. line of sec. 35, stamped on cap
- S in W.
S M C in E.
S 1/16 S 35 in W.
1915 in S.
- Dig pit 36 x 36 x 12 ins. 8 ft. W. of cor.; and raise a mound of earth 4 ft. base, 2 ft. high, W. of cor.
- 5.02 Set an iron post 1 in. dia., for 1/256 sec. cor. of sec. 35, stamped on cap
- 1/256 S 35 in center.
1915 in S.
- Dig pits 18 x 18 x 12 ins. E. & W. of cor. 3 ft. dist. and raise a mound of earth 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, N. of cor.
- 10.04 Set an iron post 1 in. dia., for 1/64 sec. cor. of sec. 35, stamped on cap
- 1/64 S 35 in center.
1915 in S.
- Dig pits 18 x 18 x 12 ins. E. & W. of cor. 3 ft. dist. and raise a mound of earth 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, N. of cor.

Resurvey of Subdivision lines of T. 15 S., R. 13 E.

Chains

- 15.06 Set an iron post 1 in. dia., for 1/256 sec. cor. of sec. 35, stamped on cap
1/256 S 35 in center.
1915 in S.
Dig pits 18 x 18 x 12 ins. E. & W. of cor. 3 ft. dist.; and raise a mound of earth 3½ ft. base, 1½ ft. high, N. of cor.
- 18.80 Wood road, brs. NW. & SE.
- 20.08 Set an iron post 1 in. dia., for the SE. 1/16 sec. cor. of sec. 35, stamped on cap
SE 1/16 S 35 in center.
1915 in S.
Dig pits 18 x 18 x 12 ins. E. & W. of cor. 3 ft. dist.; and raise a mound of earth 3½ ft. base, 1½ ft. high, N. of cor.
- 25.10 Set an iron post 1 in. dia., for 1/256 sec. cor. of sec. 35, stamped on cap
1/256 S 35 in center.
1915 in S.
Dig pits 18 x 18 x 12 ins. E. & W. of cor. 3 ft. dist.; and raise a mound of earth 3½ ft. base, 1½ ft. high, N. of cor.
- 29.00 Wood road, brs. NW. & SE.
- 30.12 Set an iron post 1 in. dia., for 1/64 sec. cor. of sec. 35, stamped on cap
1/64 S 35 in center.
1915 in S.
Dig pits 18 x 18 x 12 ins. E. & W. of cor. 3 ft. dist.; and raise a mound of earth 3½ ft. base, 1½ ft. high, N. of cor.
- 35.14 Set an iron post 1 in. dia., for 1/256 sec. cor. of sec. 35, stamped on cap
1/256 S 35 in center.
1915 in S.
Dig pits 18 x 18 x 12 ins. E. & W. of cor. 3 ft. dist.; and raise a mound of earth 3½ ft. base, 1½ ft. high, N. of cor.
- 40.16 The S. 1/16 sec. cor. on ¼ sec. line of sec. 35.
Land, level bottom.
Soil, 1st rate.
Timber, scattered mesquite, 40.16 chs.
Brush, dense mesquite and cactus, 40.16 chs.
-

Resurvey of Subdivision lines of T. 15 S., R. 13 E.

Chains

Returning to the Standard E. 1/16 sec. cor. of
sec. 35, on S. bdy. of tp., I run

N. 0° 1' W. on a true line through the middle of the
SE. $\frac{1}{4}$ of sec. 35.

Over level bottom land, through scattered mesquite
timber; dense mesquite brush and cactus.

5.01 Set an iron post 1 in. dia., for 1/256 sec. cor. of
sec. 35, stamped on cap

1/256 S 35 in center.
1915 in S.

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

5.30 Wood road, brs. N. 30° W. and S. 30° E.

10.02 Set an iron post 1 in. dia., for 1/64 sec. cor. of
sec. 35, stamped on cap

1/64 S 35 in center.
1915 in S.

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

15.03 Set an iron post 1 in. dia. for 1/256 sec. cor.
of sec. 35, stamped on cap

1/256 S 35 in center.
1915 in S.

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

20.04 The SE. 1/16 sec. cor. of sec. 35.

21.50 Wood road, brs. NW. & SE.

25.05 Set an iron post 1 in. dia., for 1/256 sec. cor.
of sec. 35, stamped on cap

1/256 S 35 in center.
1915 in S.

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

30.06 Set an iron post 1 in. dia., for 1/64 sec. cor.
of sec. 35, stamped on cap

1/64 S 35 in center.
1915 in S.

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

35.07 Set an iron post 1 in. dia., for 1/256 sec. cor.,
of sec. 35, stamped on cap

Resurvey of Subdivision lines of T. 15 S., R. 13 E.

Chains

1/256 S 35 in center.
1915 in S.

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

40.08 The E. 1/16 sec. cor. on $\frac{1}{4}$ sec. line of sec. 35; also N. C.

Land, level, bottom.

Soil, 1st rate.

Timber, scattered mesquite.

Brush, dense mesquite and cactus, 40.08 chs.

March 4, 1915. At this cor. I set off $6^{\circ} 37'$ S. on decl. arc, and at apparent noon observe the sun on the meridian; the resulting lat. is $32^{\circ} 5\frac{1}{2}'$ which is the proper lat.

Thence from the E. 1/16 sec. cor. on $\frac{1}{4}$ sec. line of sec. 35, I run

N. on a random line through the middle of NE. $\frac{1}{4}$ of sec. 35, setting temp. 1/64 and 1/256 sec. cors.

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

40.16 Fall 2 lks. E. of the E. 1/16 sec. cor. bet. secs. 26 and 35.

(Move temp. NE. 1/16 sec. cor. 1 lk. W.)

From the N. 1/16 sec. cor. on $\frac{1}{4}$ sec. line of sec. 35, I run

N. $89^{\circ} 54'$ E. on a random line through the middle of the NE. $\frac{1}{4}$ of sec. 35, setting temp. 1/64 and 1/256 sec. cors.

20.12 Fall $5\frac{1}{2}$ lks. N. of temp. NE. 1/16 sec. cor.

40.24 Fall 5 lks. S. of N. 1/16 sec. cor. bet. secs. 35 and 36.

(Therefore, the position for the NE. 1/16 sec. cor. is 8 lks. N. $0^{\circ} 2'$ W. from temp. NE. 1/16 sec. cor.)

Thence I run

S. $89^{\circ} 50'$ W. on a true line through the middle of the NE. $\frac{1}{4}$ of sec. 35.

Over level bottom land, through scattered mesquite timber, dense mesquite brush and cactus.

5.03 Set an iron post for 1/256 sec. cor. of sec. 35, stamped on cap

Resurvey of Subdivision lines of T. 15 S., R. 13 E.

Chains

1/256 S 35 in center.
1915 in S.

Dig pits 18 x 18 x 12 ins. E. & W. of cor. 3 ft. dist.;
and raise a mound of earth 3½ ft. base, 1½ ft. high,
N. of cor.

10.06

Set an iron post 1 in. dia., for 1/64 sec. cor. of
sec. 35, stamped on cap

1/64 S 35 in center.
1915 in S.

Dig pits 18 x 18 x 12 ins. E. & W. of cor. 3 ft. dist.;
and raise a mound of earth 3½ ft. base, 1½ ft. high,
N. of cor.

15.09

Set an iron post 1 in. dia., for 1/256 sec. cor. of
sec. 35, stamped on cap

1/256 S 35 in center.
1915 in S.

Dig pits 18 x 18 x 12 ins. E. & W. of cor. 3 ft. dist.;
and raise a mound of earth 3½ ft. base, 1½ ft. high,
N. of cor.

19.50

Wood road, brs. NW. & SE.

20.12

Set an iron post 1 in. dia., for NE. 1/16 sec. cor.
of sec. 35, stamped on cap

NE. 1/16 S 35 in center.
1915 in S.

Dig pits 18 x 18 x 12 ins. E. & W. of cor. 3 ft. dist.;
and raise a mound of earth 3½ ft. base, 1½ ft. high,
N. of cor.

23.94

Right bank of Santa Cruz River; cut bank 10 ft. high;
course N. 30°W.

Set an iron post 1 in. dia., for M.C. on N. 1/16 sec.
line of sec. 35, stamped on cap

N M C in W.
S 35 N 1/16 in E.
1915 in S.

Dig pit 36 x 36 x 12 ins. 8 ft. E. of cor.; and raise
a mound of earth 4 ft. base, 2 ft. high, E. of cor.

Thence across river.

25.15

Point for 1/64 sec. cor. falls in river.

25.23

Left bank of Santa Cruz River; cut bank 10 ft. high;
course N. 30° W.

Set an iron post 1 in. dia., for M.C. on N. 1/16 sec.
line of sec. 35, stamped on cap

N M C in E.
S 35 E 1/16 in W.
1915 in S.

Dig pit 36 x 36 x 12 ins. 8 ft. W. of cor.; and raise
a mound of earth 4 ft. base, 2 ft. high, W. of cor.

Resurvey of Subdivision lines of T. 15 S., R. 13 E.

Chains

- 30.18 Set an iron post 1 in. dia., for 1/64 sec. cor. of sec. 35, stamped on cap
- 1/64 S 35 in center.
1915 in S.
- Dig pits 18 x 18 x 12 ins. N. & S. of cor. 3 ft. dist.; and raise a mound of earth 3½ ft. base, 1½ ft. high, W. of cor.
- 35.21 Set an iron post 1 in. dia., for 1/256 sec. cor. of sec. 35, stamped on cap
- 1/256 S 35 in center.
1915 in S.
- Dig pits 18 x 18 x 12 ins. N. & S. of cor. 3 ft. dist.; and raise a mound of earth 3½ ft. base, 1½ ft. high, W. of cor.
- 40.24 The N. 1/16 sec. cor. on ¼ sec. line of sec. 35.
- Land, level bottom.
Soil, 1st rate.
Timber, scattered mesquite.
Brush, dense mesquite and cactus, 40.24 chs.
-
- From E. 1/16 sec. cor. on ¼ sec. line of sec. 35, which is also an M. C. on left bank of Santa Cruz River, I run
- N. 0° 2' W. on a true line through the middle of the NE. ¼ of sec. 35, across river.
- 10.04 Set an iron post 1 in. dia., for 1/64 sec. cor., also for M. C. on right bank of Santa Cruz River; cut bank 10 ft. high, course NW.; stamped on cap
- E M C 1915 in S.
1/64 S 35 in N.
- Dig pit 36 x 36 x 12 ins. 8 ft. N. of cor.; and raise a mound of earth 4 ft. base, 2 ft. high, N. of cor.
- 15.06 Set an iron post 1 in. dia., for 1/256 sec. cor. of sec. 35, stamped on cap
- 1/256 S 35 in center.
1915 in S.
- Dig pits 18 x 18 x 12 ins. N. & S. of cor. 3 ft. dist.; and raise a mound of earth 3½ ft. base, 1½ ft. high, W. of cor.
- 20.08 The NE. 1/16 sec. cor. of sec. 35.
- 20.90 Wood road, brs. N. 30° W. and S. 30° E.
- 25.10 Set an iron post 1 in. dia., for 1/256 sec. cor. of sec. 35, stamped on cap
- 1/256 S 35 in center.
1915 in S.

Resurvey of Subdivision lines of T. 15 S., R. 13 E.

Chains

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

30.12

Set an iron post 1 in. dia., for $1/64$ sec. cor. of
sec. 35, stamped on cap

$1/64$ S 35 in center.
1915 in S.

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

35.14

Set an iron post 1 in. dia., for $1/256$ sec. cor. of
sec. 35, stamped on cap

$1/256$ S 35 in center.
1915 in S.

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

39.70

Fence, brs. E. & W.

40.16

The E. $1/16$ sec. cor. bet. secs. 26 and 35.

Land, level bottom.

Soil, 1st rate.

Timber, scattered mesquite.

Brush, dense mesquite and palo verde, 40.16 chs.

March 4, 1915.

March 5, 1915. At 8^h 0^m a.m., l.m.t., I set off
 $32^{\circ} 5'$ on lat. arc, and $6^{\circ} 17'$ S. on decl. arc,
and determine a meridian with the solar at the
Standard W. $1/16$ sec. cor. of sec. 35, on S.
bdy. of tp. previously described.

Thence I run

N. $0^{\circ} 1'$ W. on a random line through the middle of
the SW. $\frac{1}{4}$ of sec. 35, setting temp. $1/64$ and $1/256$
sec. cors.

20.00

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

40.00

Fall 2 lks. E. of W. $1/16$ sec. cor. on $\frac{1}{4}$ sec. line
of sec. 35.

(Move temp. SW. $1/16$ sec. cor., 1 lk. W.)

From the S. $1/16$ sec. cor. bet. secs. 34 and 35, I run

N. $89^{\circ} 55'$ E. on a random line through the middle of
of the SW. $\frac{1}{4}$ of sec. 35.

20.06

Fall $\frac{1}{4}$ lk. S. of temp. SW. $1/16$ sec. cor.

Resurvey of Subdivision lines of T. 15 S., R. 13 E.

| Chains | Fall 1 lk. S. of S. 1/16 sec. cor. on $\frac{1}{4}$ sec. line of sec. 35. |
|--------|---|
| 40.10 | (Therefore, temp. SW. 1/16 sec. cor. is in proper position.) |
| | Thence I run |
| | S. 89° 54' W. on a true line through the middle of the SW. $\frac{1}{4}$ of sec. 35. |
| | Over level bottom land, through scattered mesquite timber, mesquite brush and cactus. |
| 2.70 | Wood road, brs. N. & S. |
| 5.01 | Set an iron post 1 in. dia., for 1/256 sec. cor. of sec. 35, stamped on cap |
| | 1/256 S 35 in center. 1915 in S. |
| | Dig pits 18 x 18 x 12 ins. E. & W. of cor. 3 ft. dist.; and raise a mound of earth 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, N. of cor. |
| 10.02 | Set an iron post 1 in. dia., for 1/64 sec. cor. of sec. 35, stamped on cap |
| | 1/64 S 35 in center. 1915 in S. |
| | Dig pits 18 x 18 x 12 ins. E. & W. of cor. 3 ft. dist.; and raise a mound of earth 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, N. of cor. |
| 15.03 | Set an iron post 1 in. dia., for 1/256 sec. cor. of sec. 35, stamped on cap |
| | 1/256 S 35 in center. 1915 in S. |
| | Dig pits 18 x 18 x 12 ins. E. & W. of cor. 3 ft. dist.; and raise a mound of earth 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, N. of cor. |
| 20.04 | Set an iron post 1 in. dia., for the SW. 1/16 sec. cor. of sec. 35, stamped on cap |
| | SW 1/16 S 35 in center. 1915 in S. |
| | Dig pits 18 x 18 x 12 ins. E. & W. of cor. 3 ft. dist.; and raise a mound of earth 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, N. of cor. |
| 24.50 | Irrigation ditch, 10 lks. wide, course N. |
| 25.05 | Set an iron post 1 in. dia., for 1/256 sec. cor. of sec. 35, stamped on cap |
| | 1/256 S 35 in center. 1915 in S. |
| | Dig pits 18 x 18 x 12 ins. E. & W. of cor. 3 ft. dist.; |

Resurvey of Subdivision lines of T. 15 S., R. 13 E.

Chains

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

30.07 Set an iron post 1 in. dia., for the $1/64$ sec. cor.
of sec. 35, stamped on cap

$1/64$ S 35 in center.
1915 in S.

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

35.08 Set an iron post 1 in. dia., for $1/256$ sec. cor.
of sec. 35, stamped on cap

$1/256$ S 35 in center.
1915 in S.

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

40.10 The S. $1/16$ sec. cor. bet. secs. 34 and 35.

Land, level bottom.

Soil, 1st rate.

Timber, scattered mesquite.

Brush, dense mesquite and cactus, 40.10 chs.

Returning to the Standard W. $1/16$ sec. cor. of sec.
35, I run

N. $0^{\circ} 3'$ W. on a true line through the middle of
the SW. $\frac{1}{4}$ of sec. 35.

Over level bottom land, through scattered mesquite
timber, mesquite brush and cactus.

4.40 Wood road, brs. NE. & SW.

5.00 Set an iron post 1 in. dia., for $1/256$ sec. cor. of
sec. 35, stamped on cap

$1/256$ S 35 in center.
1915 in S.

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

10.00 Set an iron post 1 in. dia., for $1/64$ sec. cor. of
sec. 35, stamped on cap

$1/64$ S 35 in center.
1915 in S.

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

15.00 Set an iron post 1 in. dia., for $1/256$ sec. cor. of
sec. 35, stamped on cap

Resurvey of Subdivision lines of T. 15 S., R. 13 E.

| Chains | |
|--------|---|
| | <p>1/256 S 35 in center. 1915 in S.</p> <p>Dig pits 18 x 18 x 12 ins. N. & S. of cor. 3 ft. dist.; and raise a mound of earth 3½ ft. base, 1½ ft. high, W. of cor.</p> |
| 20.00 | The SW. 1/16 sec. cor. of sec. 35. |
| 25.00 | Set an iron post 1 in. dia., for 1/256 sec. cor. of sec. 35, stamped on cap |
| | <p>1/256 S 35 in center. 1915 in S.</p> <p>Dig pits 18 x 18 x 12 ins. N. & S. of cor. 3 ft. dist.; and raise a mound of earth 3½ ft. base, 1½ ft. high, W. of cor.</p> |
| 30.00 | Set an iron post 1 in. dia., for 1/64 sec. cor. of sec. 35, stamped on cap |
| | <p>1/64 S 35 in center. 1915 in S.</p> <p>Dig pits 18 x 18 x 12 ins. N. & S. of cor. 3 ft. dist.; and raise a mound of earth 3½ ft. base, 1½ ft. high, W. of cor.</p> |
| 35.00 | Set an iron post 1 in. dia., for 1/256 sec. cor. of sec. 35, stamped on cap |
| | <p>1/256 S 35 in center. 1915 in S.</p> <p>Dig pits 18 x 18 x 12 ins. N. & S. of cor. 3 ft. dist.; and raise a mound of earth 3½ ft. base, 1½ ft. high, W. of cor.</p> |
| 40.00 | The W. 1/16 sec. cor. on ¼ sec. line of sec. 35. |
| | <p>Land, level bottom. Soil, 1st rate. Timber, scattered mesquite. Brush, dense mesquite and cactus, 40.00 chs.</p> <p>March 5, 1915. At this cor. I set off 6° 14' S. on decl. arc, and at apparent noon observe the sun on the meridian; the resulting lat. is 32° 5½' which is the proper lat.</p> |
| | <p>Thence from the W. 1/16 sec. cor. on ¼ sec. line of sec. 35, I run</p> <p>N. 0° 1' W. on a random line through the middle of the NW. ¼ sec. of sec. 35, setting temp. 1/64 and 1/256 sec. cors.</p> |
| 20.00 | Set temp. NW. 1/16 sec. cor. |
| 40.08 | Fall 2 lks. E. of the W. 1/16 sec. cor. bet. secs. 26 and 35. |

Resurvey of Subdivision lines of T. 15 S., R. 13 E.

Chains

(Move temp. NW. 1/16 sec. cor. 1 lk. W.)

From the N. 1/16 sec. cor. bet. secs. 34 and 35,
I run

N. 89° 54' E. on a random line through the middle
of the NW. $\frac{1}{4}$ of sec. 35, setting temp. 1/64 and
1/256 sec. cors.

20.10 Fall 2 lks. N. of temp. NW. 1/16 sec. cor.

40.18 Fall 4 lks. S. of the N. 1/16 sec. cor. on $\frac{1}{4}$ sec.
line of sec. 35.

(Therefore, the point for the NW. 1/16 sec. cor.
is 4 lks. N. 0° 3' W. from temp. NW. 1/16 sec.
cor.)

Thence I run

S. 89° 51' W. on a true line through the middle of
the NW. $\frac{1}{4}$ of sec. 35.

Over level bottom land, through scattered mesquite
timber, dense mesquite brush and cactus.

5.02 Set an iron post 1 in. dia., for 1/256 sec. cor. of
sec. 35, stamped on cap

1/256 S 35 in center.
1915 in S.

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

8.10 Wood road, brs. N. & S.

10.04 Set an iron post 1 in. dia., for 1/64 sec. cor. of
sec. 35, stamped on cap

1/64 S 35 in center.
1915 in S.

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

15.06 Set an iron post 1 in. dia., for 1/256 sec. cor. of
sec. 35, stamped on cap

1/256 S 35 in center.
1915 in S.

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

20.08 Set an iron post 1 in. dia., for the NW. 1/16 sec. cor.
of sec. 35, stamped on cap

NW 1/16 S 35 in center.
1915 in S.

Resurvey of Subdivision lines of T. 15 S., R. 13 E.

Chains

From which a

Mesquite 6 ins. dia., brs. N. $19\frac{1}{2}^{\circ}$ E., 46 lks. dist.;
mkd. NW $\frac{1}{16}$ S 35 B T.

Mesquite 8 ins. dia., brs. S. $10\frac{1}{2}^{\circ}$ E., 72 lks. dist.;
mkd. NW $\frac{1}{16}$ S 35 B T.

25.11 Set an iron post 1 in. dia., for $\frac{1}{256}$ sec. cor. of
sec. 35, stamped on cap

$\frac{1}{256}$ S 35 in center.
1915 in S.

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

30.13 Set an iron post 1 in. dia., for $\frac{1}{64}$ sec. cor. of
sec. 35, stamped on cap

$\frac{1}{64}$ S 35 in center.
1915 in S.

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

33.90 Irrigation ditch, 10 lks. wide, course N.

35.16 Set an iron post 1 in. dia., for $\frac{1}{256}$ sec. cor. of
sec. 35, stamped on cap

$\frac{1}{256}$ S 35 in center.
1915 in S.

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

40.18 The N. $\frac{1}{16}$ sec. cor. bet. secs. 34 and 35.

Land, level bottom.

Soil, 1st rate.

Timber, scattered mesquite.

Brush, dense mesquite and cactus, 40.18 chs.

Returning to the W. $\frac{1}{16}$ sec. cor. on $\frac{1}{4}$ sec. line of
sec. 35, I run

N. 0° 3' W. on a true line through the middle of the
NW. $\frac{1}{4}$ of sec. 35.

Over level bottom land, through scattered mesquite
timber, dense mesquite brush and cactus.

5.01 Set an iron post 1 in. dia., for the $\frac{1}{256}$ sec. cor.
of sec. 35, stamped on cap

$\frac{1}{256}$ S 35 in center.
1915 in S.

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

Resurvey of Subdivision lines of T. 15 S., R. 13 E.

Chains

- 5.40 Wood road, brs. NW. & S. 60° E.
- 10.02 Set an iron post 1 in. dia., for 1/64 sec. cor. of sec. 35, stamped on cap
 1/64 S 35 in center.
 1915 in S.
 Dig pits 18 x 18 x 12 ins. N. & S. of cor. 3 ft. dist. and raise a mound of stone 3½ ft. base, 1½ ft. high, W. of cor.
- 13.70 Wood road, brs. E. & W.
- 15.03 Set an iron post 1 in. dia., for 1/256 sec. cor. of sec. 35, stamped on cap
 1/256 S 35 in center.
 1915 in S.
- 20.04 The NW. 1/16 sec. cor.
- 25.05 Set an iron post 1 in. dia., for 1/256 sec. cor. of sec. 35, stamped on cap
 1/256 S 35 in center.
 1915 in S.
 Dig pits 18 x 18 x 12 ins. N. & S. of cor. 3 ft. dist. and raise a mound of earth 3½ ft. base, 1½ ft. high, W. of cor.
- 30.06 Set an iron post 1 in. dia., for the 1/64 sec. cor. of sec. 35, stamped on cap
 1/64 S 35 in center.
 1915 in S.
 Dig pits 18 x 18 x 12 ins. N. & S. of cor. 3 ft. dist. and raise a mound of earth 3½ ft. base, 1½ ft. high, W. of cor.
- 34.60 Fence, brs. N. 5° E. and S. 5° W.;
 Leave timber and brush; enter cultivated land.
- 35.07 Set an iron post 1 in. dia., for 1/256 sec. cor. of sec. 35, stamped on cap
 1/256 S 35 in center.
 1915 in S.
 Dig pits 18 x 18 x 12 ins. N. & S. of cor. 3 ft. dist. and raise a mound of earth 3½ ft. base, 1½ ft. high, W. of cor.
- 40.08 The W. 1/16 sec. cor. bet. secs. 26 and 35.
 Land, level bottom.
 Soil, 1st rate.
 Timber, scattered mesquite 34.60 chs.
 Brush, dense mesquite and cactus, 34.60 chs.
 Cultivated land, 5.48 chs.

March 5, 1915.

Resurvey of Subdivision lines of T. 15 S., R. 13 E.

Chains

Feb. 15, 1915. At 8h 0m a.m., l.m.t., I set off $32^{\circ} 6'$ on lat. arc, and $12^{\circ} 52'$ S. on decl. arc, and determine a meridian with the solar at the cor. of secs. 26, 27, 34 and 35.

Thence I run

N. $1^{\circ} 4'$ E. on a true line bet. secs. 26 and 27.

Over cultivated bottom land.

5.00

The proportional point for the $1/256$ sec. cor. of sec. 35.

Set an iron post 1 in. dia., stamped on cap

$1/256$ in N.
S 27 in W.
S 26 in E.
1915 in S.

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

9.70

Fence, brs. E. & W.

10.00

The proportional point for the $1/64$ sec. cor. of sec. 35.

Set an iron post 1 in. dia., stamped on cap

$1/64$ in N.
S 27 in W.
S 26 in E.
1915 in S.

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

15.00

The proportional point for the $1/256$ sec. cor. of sec. 35.

Set an iron post 1 in. dia., stamped on cap

$1/256$ in N.
S 27 in W.
S 26 in E.
1915 in S.

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

19.70

Fence, brs. E. & W.

20.00

The proportional point for the S. $1/16$ sec. cor. bet. secs. 26 and 27.

Set an iron post 1 in. dia., stamped on cap

S $1/16$ in N.
S 27 in W.
S 26 in E.
1915 in S.

Resurvey of Subdivision lines of T. 15 S., R. 13 E.

| | |
|--------|---|
| Chains | Dig pits 18 x 18 x 12 ins. N. & S. of cor. 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 | The proportional point for the $1/256$ sec. cor. bet. secs. 26 and 27. Set an iron post 1 in. dia., stamped on cap $1/256$ in N. S 27 in W. S 26 in E. 1915 in S. Dig pits 18 x 18 x 12 ins. N. & S. of cor. 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 | The proportional point for the $1/64$ sec. cor. bet. secs. 26 and 27. Set an iron post 1 in. dia., stamped on cap $1/64$ in N. S 27 in W. S 26 in E. 1915 in S. From which a Mesquite 8 ins. dia., brs. S. $40\frac{1}{2}^{\circ}$ E., 36 lks. dist., mkd. $1/64$ S 26 1915 BnT Mesquite 6 ins. dia., brs. S. $56\frac{1}{2}^{\circ}$ W., 36 lks. dist., mkd. $1/64$ S 27 1915 B T. |
| 35.00 | The proportional point for the $1/256$ sec. cor. bet. secs. 26 and 27. Set an iron post 1 in. dia., stamped on cap $1/256$ in N. S 27 in W. S 26 in E. 1915 in S. Dig pits 18 x 18 x 12 ins. N. & S. of cor. 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 | The proportional point for the $\frac{1}{4}$ sec. cor. bet. secs. 26 and 27. (In fence line bearing E. & W.) Set an iron post 1 in. dia., stamped on cap $\frac{1}{4}$ in N. S 27 in W. S 26 in E. 1915 in S. Dig pits 18 x 18 x 12 ins. N. & S. of cor. 3 ft. dist., and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, W. of cor. |
| 40.10 | Road, brs. E. & W. |
| 40.20 | Fence, brs. E. & W. |
| 45.00 | The proportional point for the $1/256$ sec. cor. bet. secs. 26 and 27. |

Resurvey of Subdivision lines of T. 15 S., R. 13 E.

Chains

Set an iron post 1 in. dia., stamped on cap

1/256 in N.
 S 27 in W.
 S 26 in E.
 1915 in S.

Dig pits 18 x 18 x 12 ins. N. & S. of cor. 3 ft. dist.;
 and raise a mound of earth 3½ ft. base, 1½ ft. high,
 W. of cor.

50.00

The proportional point for the 1/64 sec. cor. bet.
secs. 26 and 27.

Set an iron post 1 in. dia., stamped on cap

1/64 in N.
 S 27 in W.
 S 26 in E.
 1915 in S.

Dig pits 18 x 18 x 12 ins. N. & S. of cor. 3 ft. dist.;
 and raise a mound of earth 3½ ft. base, 1½ ft. high,
 W. of cor.

55.00

The proportional point for the 1/256 sec. cor. bet.
secs. 26 and 27.

Set an iron post 1 in. dia., stamped on cap

1/256 in N.
 S 27 in W.
 S 26 in E.
 1915 in S.

Dig pits 18 x 18 x 12 ins. N. & S. of cor. 3 ft. dist.;
 and raise a mound of earth 3½ ft. base, 1½ ft. high,
 W. of cor.

59.90

Fence, brs. E. & W.

60.00

The proportional point for the N. 1/16 sec. cor. bet.
secs. 26 and 27.

Set an iron post 1 in. dia., stamped on cap

N 1/16 in N.
 S 27 in W.
 S 26 in E.
 1915 in S.

Dig pits 18 x 18 x 12 ins. N. & S. of cor. 3 ft. dist.;
 and raise a mound of earth 3½ ft. base, 1½ ft. high,
 W. of cor.

65.01

The proportional point for the 1/256 sec. cor. bet.
secs. 26 and 27.

Set an iron post 1 in. dia., stamped on cap

1/256 in N.
 S 27 in W.
 S 26 in E.
 1915 in S.

Dig pits 18 x 18 x 12 ins. N. & S. of cor. 3 ft. dist.;
 and raise a mound of earth 3½ ft. base, 1½ ft. high,
 W. of cor.

Resurvey of Subdivision lines of T. 15 S., R. 13 E.

Chains

70.01

The proportional point for 1/64 sec. cors. bet. secs. 26 and 27.

Set an iron post 1 in. dia., stamped on cap

1/64 in N.
S 27 in W.
S 26 in E.
1915 in S.

Dig pits 18 x 18 x 12 ins. N. & S. of cor. 3 ft. dist.; and raise a mound of earth 3½ ft. base, 1½ ft. high, W. of cor.

75.01

The proportional point for 1/256 sec. cor. bet. secs. and 26 and 27.

Set an iron post 1 in. dia., stamped on cap

1/256 in N.
S 27 in W.
S 26 in E.
1915 in S.

Dig pits 18 x 18 x 12 ins. N. & S. of cor. 3 ft. dist.; and raise a mound of earth 3½ ft. base, 1½ ft. high, W. of cor.

77.78

Intersect the S. bdy. of "Rancho de Martinez" at a point 4.21 chs. N. 83° 45' W. of cor. #8.

Set an iron post 2 ins. dia., stamped on cap

R M in N.
S 27 T 15 S in W.
S 26 R 13 M in E.
C C 1915 in S.

From which a

Willow 6 ins. dia., brs. S. 69½° E., 34 lks. dist., mkd. T 15 S R 13 E S 26 C C B T.

Willow 4 ins. dia., brs. S. 88½° W., 29 lks. dist., mkd. T 15 S R 13 E S 27 C C B T.

(This cor. is set in fence line bearing N. 83½° W. and S. 83½° E.)

Thence on a blank line.

80.01

The proportional point for the cor. of secs. 22, 23, 26 and 27.

Set an iron post 2 ins. dia., stamped on cap

T 15 S S 22 in NW.
R 13 E S 23 in NE.
S 26 in SE.
S 27 in SW.
1915 in S.

Dig pits 18 x 18 x 12 ins. in each sec. 5½ ft. dist.; and raise a mound of earth 4 ft. base, 2 ft. high, W. of cor.

Resurvey of Subdivision lines of T. 15 S., R. 13 E.

Chains

Land, level bottom.
Soil, 1st rate.
Scattered trees frequently; never enter timber.
no brush.

Feb. 15, 1915. At this cor. I set off $12^{\circ} 49'$ S. on decl. arc, and at apparent noon observe the sun on the meridian. The resulting lat. is $32^{\circ} 7'$ which is the proper lat.

Thence N. $89^{\circ} 34'$ E. on a blank line bet. secs. 23 and 26.

2.50 Left bank of Santa Cruz River; cut bank 15 ft. high; course NW.

Set temp. cor. only.

7.62 Intersect the E. bdy. of Rancho de Martinez at a point 50 lks. S. $32^{\circ} 15'$ W. from true point for cor. #6 (in river - impossible to set C. C. at true point of intersection.)

Thence continuing N. $89^{\circ} 34'$ E. on a true line, across river bed.

10.58 Right bank of Santa Cruz River; cut bank 10 ft. high, course N. 60° W.

Set an iron post 1 in. dia., for M. C. bet. secs. 23 and 26, stamped on cap

M C in W.
T 15 S S 23 in N.
R 13 E S 26 1915 in S.

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

Thence begin ascent of SW. slope of "Berger Butte", through mesquite brush and cactus.

14.98 The proportional point for $1/256$ sec. cor. bet. secs. 23 and 26.

Set an iron post 1 in. dia., stamped on cap

$1/256$ in W.
S 23 in N.
S 26 1915 in S.

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

19.97 The proportional point for the W. $1/16$ sec. cor. bet. secs. 23 and 26.

Set an iron post 1 in. dia., stamped on cap

W $1/16$ in W.
S 23 in N.
S 26 1915 in S.

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

Resurvey of Subdivision lines of T. 15 S., R. 13 E.

| Chains | | |
|--------|---|--|
| 24.96 | <p>The proportional point for the 1/256 sec. cor. bet. secs. 23 and 26.</p> <p>Set an iron post 1 in. dia., stamped on cap</p> <p style="padding-left: 40px;">1/256 in W. S 23 in N. S 26 1915 in S.</p> <p>Raise a mound of stone 2 ft. base, 1 1/2 ft. high, N. of cor.</p> | |
| 29.95 | <p>The proportional point for the 1/64 sec. cor. bet. secs. 23 and 26.</p> <p>Set an iron post 1 in. dia., stamped on cap</p> <p style="padding-left: 40px;">1/64 in W. S 23 in N. S 26 1915 in S.</p> <p>Raise a mound of stone 2 ft. base, 1 1/2 ft. high, N. of cor.</p> | |
| | <p>Also top of ascent, bearing N. & S.</p> | |
| | <p>Thence desc. along S. slope, gradually changing to SE. slope.</p> | |
| 34.94 | <p>The proportional point for the 1/256 sec. cor. bet. secs. 23 and 26.</p> <p>Set an iron post 1 in. dia., stamped on cap</p> <p style="padding-left: 40px;">1/256 in W. S 23 in N. S 26 1915 in S.</p> <p>Raise a mound of stone 2 ft. base, 1 1/2 ft. high, N. of cor.</p> | |
| 39.93 | <p>The proportional point for the 1/4 sec. cor. bet. secs. 23 and 26.</p> <p>Set an iron post 1 in. dia., stamped on cap</p> <p style="padding-left: 40px;">1/4 in W. S 23 in N. S 26 1915 in S.</p> <p>Raise a mound of stone 2 ft. base, 1 1/2 ft. high, N. of cor.</p> | |
| 44.92 | <p>The proportional point for the 1/256 sec. cor. bet. secs. 23 and 26.</p> <p>Set an iron post 1 in. dia., stamped on cap</p> <p style="padding-left: 40px;">1/256 in W. S 23 in N. S 26 1915 in S.</p> <p>Raise a mound of stone 2 ft. base, 1 1/2 ft. high, N. of cor.</p> | |
| 47.50 | <p>Foot of descent, brs. NE. & SW.; thence over nearly level mesa land.</p> | |
| 49.91 | <p>The proportional point for the 1/64 sec. cor. bet. secs. 23 and 26.</p> | |

Resurvey of Subdivision lines of T. 15 S., R. 13 E.

Chains

Set an iron post 1 in. dia., stamped on cap

1/64 in W.
S 23 in N.
S 26 1915 in S.

Dig pits 18 x 18 x 12 ins. E. & W. of cor. 3 ft. dist.;
and raise a mound of earth 3½ ft. base, 1½ ft. high,
N. of cor.

54.91 The proportional point for the 1/256 sec. cor. bet.
secs. 23 and 26.

Set an iron post 1 in. dia., stamped on cap

1/256 in W.
S 23 in N.
S 26 1915 in S.

Dig pits 18 x 18 x 12 ins. E. & W. of cor. 3 ft. dist.;
and raise a mound of earth 3½ ft. base, 1½ ft. high,
N. of cor.

59.90 The proportional point for the E. 1/16 sec. cor. bet.
secs. 23 and 26.

Set an iron post 1 in. dia., stamped on cap

E 1/16 in W.
S 23 in N.
S 26 1915 in S.

Dig pits 18 x 18 x 12 ins. E. & W. of cor. 3 ft. dist.;
and raise a mound of earth 3½ ft. base, 1½ ft. high,
N. of cor.

61.70 Road, brs. N. 15° E. and S. 15° W.

64.80 Road, brs. NE. & SW.

64.89 The proportional point for 1/256 sec. cor. bet.
secs. 23 and 26.

Set an iron post 1 in. dia., stamped on cap

1/256 in W.
S 23 in N.
S 26 1915 in S.

Dig pits 18 x 18 x 12 ins. E. & W. of cor. 3 ft. dist.;
and raise a mound of earth 3½ ft. base, 1½ ft. high,
N. of cor.

69.88 The proportional point for the 1/64 sec. cor. bet.
secs. 23 and 26.

Set an iron post 1 in. dia., stamped on cap

1/64 in W.
S 23 in N.
S 26 1915 in S.

Dig pits 18 x 18 x 12 ins. E. & W. of cor. 3 ft. dist.;
and raise a mound of earth 3½ ft. base, 1½ ft. high,
N. of cor.

73.40 Road, brs. N. 15° W. and S. 15° E.

Resurvey of Subdivision lines of T. 15 S., R. 13 E.

Chains

74.88

The proportional point for 1/256 sec. cor. bet. secs. 23 and 26.

Set an iron post 1 in. dia., stamped on cap

1/256 in W.
S 23 in N.
S 26 1915 in S.

Dig pits 18 x 18 x 12 ins. E. & W. of cor. 3 ft. dist. and raise a mound of earth 3½ ft. base, 1½ ft. high, N. of cor.

76.00

Fence, brs. N. & S.

79.87

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

Land, rolling, 36.92 chs.
nearly level, 42.95 chs.
Soil, 2nd rate, 42.95 chs.
3rd rate, 36.92 chs.
Brush, mesquite and cactus.
No timber.

Feb. 15, 1915.

May 9, 1915. At 8^h 0^m a.m., l.m.t., I set off 32° 6' on lat. arc, and 4° 44' S. on decl. arc, and determine a meridian with the solar at the ¼ sec. cor. bet. secs. 26 and 35.

Thence I run

N. 0° 40' E. on a random line through the middle of sec. 26, setting temp. 1/16, 1/64 and 1/256 sec. cors.

40.00

Set temp. center ¼ sec. cor.

80.28

Fall 40 lks. W. of the ¼ sec. cor. bet. secs. 23 and 26.

(Move temp. center ¼ sec. cor. 20 lks. E.)

From the ¼ sec. cor. bet. secs. 26 and 27, I run

N. 89° 49' E. on a random line through the middle of sec. 26, setting temp. 1/16, 1/64 and 1/256 sec. cors.

40.06

Fall 5½ lks. N. of temp. center ¼ sec. cor.

80.14

Fall 21 lks. S. of ¼ sec. cor. bet. secs. 25 and 26.

(Therefore, the point for center ¼ sec. cor. is 16 lks. N. 0° 57' E. from temp. center ¼ sec. cor.)

Thence I run

Resurvey of Subdivision lines of T. 15 S., R. 13 E.

| Chains | |
|--------|--|
| | <p>S. 89° 40' W. on a true line through the middle of sec. 26.</p> <p>Over level mesa land, through scattered mesquite, brush and cactus.</p> |
| .20 | Road, brs. N. & S. |
| 5.01 | <p>Set an iron post 1 in. dia., for 1/256 sec. cor. on $\frac{1}{4}$ sec. line of sec. 26, stamped on cap</p> <p style="padding-left: 40px;">1/256 S 26 in center. 1915 in S.</p> <p>Dig pits 18 x 18 x 12 ins. E. & W. of cor. 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> |
| 10.02 | <p>Set an iron post 1 in. dia., for 1/64 sec. cor. on $\frac{1}{4}$ sec. line of sec. 26, stamped on cap</p> <p style="padding-left: 40px;">1/64 S 26 in center. 1915 in S.</p> <p>Dig pits 18 x 18 x 12 ins. E. & W. of cor. 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>Also leave mesa land and brush; enter level open bottom land; grassy marsh.</p> |
| 15.03 | <p>Set an iron post 1 in. dia., for 1/256 sec. cor. on $\frac{1}{4}$ sec. line of sec. 26, stamped on cap</p> <p style="padding-left: 40px;">1/256 S 26 in center. 1915 in S.</p> <p>Dig pits 18 x 18 x 12 ins. E. & W. of cor. 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> |
| 20.04 | <p>Set an iron post 1 in. dia., for the E. 1/16 sec. cor. on $\frac{1}{4}$ sec. line of sec. 26, stamped on cap</p> <p style="padding-left: 40px;">$\frac{1}{2}$ in E. & W. E 1/16 S 26 in center. 1915 in S.</p> <p>Dig pits 18 x 18 x 12 ins. E. & W. of cor. 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> |
| 25.05 | <p>Set an iron post 1 in. dia., for the 1/256 sec. cor. on $\frac{1}{4}$ sec. line of sec. 26, stamped on cap</p> <p style="padding-left: 40px;">1/256 S 26 in center. 1915 in S.</p> <p>Dig pits 18 x 18 x 12 ins. E. & W. of cor. 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> |
| 30.06 | <p>Set an iron post 1 in. dia., for the 1/64 sec. cor. on $\frac{1}{4}$ sec. line of sec. 26, stamped on cap</p> <p style="padding-left: 40px;">1/64 S 26 in center. 1915 in S.</p> |

Resurvey of Subdivision lines of T. 15 S., R. 13 E.

Chains

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

31.30 Wood road, brs. N. & S.

Leave open grass marsh; enter dense mesquite brush
and cactus.

35.07 Set an iron post 1 in. dia., for $1/256$ sec. cor. on
 $\frac{1}{4}$ sec. line of sec. 26, stamped on cap

$1/256$ S 26 in center.
1915 in S.

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

40.08 Set an iron post 1 in. dia., for center $\frac{1}{4}$ sec. cor.
of sec. 26, stamped on cap

C $\frac{1}{4}$ S 26 in center.
1915 in S.

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

43.17 Right bank of Santa Cruz River; cut bank, 10 ft. high,
course N. 30° W.

Set an iron post 1 in. dia., for M. C. on $\frac{1}{4}$ sec. line
of sec. 26, stamped on cap

M C $\frac{1}{4}$ in W.
S 26 $\frac{1}{4}$ in E.
1915 in S.

Dig pit 36 x 36 x 12 ins. 8 ft. E. of cor.; and raise
a mound of earth 4 ft. base, 2 ft. high, E. of cor.

Thence across river.

46.69 Left bank of Santa Cruz River; cut bank 10 ft. high,
course N. 30° W.

Set an iron post 1 in. dia., for M. C. on $\frac{1}{4}$ sec. line
of sec. 26, stamped on cap

M C $\frac{1}{4}$ in E.
S 26 $\frac{1}{4}$ in W.
1915 in S.

Dig pit 36 x 36 x 12 ins. 8 ft. W. of cor.; and raise
a mound of earth 4 ft. base, 2 ft. high, W. of cor.

50.10 Set an iron post 1 " dia., for the $1/64$ sec. cor. on
 $\frac{1}{4}$ sec. line of sec. 26, stamped on cap

$1/64$ S 26 in center.
1915 in S.

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

Resurvey of Subdivision lines of T. 15 S., R. 13 E.

| Chains | |
|--------|---|
| 55.10 | <p>Set an iron post 1 in. dia., for the 1/256 sec. cor. on $\frac{1}{4}$ sec. line of sec. 26, stamped on cap</p> <p style="text-align: center;">1/256 S 26 in center. 1915 in S.</p> <p>Dig pits 18 x 18 x 12 ins. E. & W. of cor. 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> |
| 59.00 | <p>Barranca, 8 ft. deep, 60 lks. wide, course N. 30° W.</p> |
| 60.11 | <p>Set an iron post 1 in. dia., for W. 1/16 sec. cor. on $\frac{1}{4}$ sec. line of sec. 26, stamped on cap</p> <p style="text-align: center;">$\frac{1}{4}$ in E. & W. W 1/16 in N. S 26 1915 in S.</p> <p>Dig pits 18 x 18 x 12 ins. E. & W. of cor. 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>May, 9, 1915. At this cor. I set off 4° 41' S. on decl. arc, and at apparent noon observe the sun on the meridian. The resulting lat. is 32° 6$\frac{1}{2}$' which is the proper lat.</p> |
| 60.80 | <p>Fence, brs. N. & S.</p> <p>Leave brush; enter cultivated land.</p> |
| 65.12 | <p>Set an iron post 1 in. dia., for 1/256 sec. cor. on $\frac{1}{4}$ sec. line of sec. 26, stamped on cap</p> <p style="text-align: center;">1/256 S 26 in center. 1915 in S.</p> <p>Dig pits 18 x 18 x 12 ins. E. & W. of cor. 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> |
| 70.13 | <p>Set an iron post 1 in. dia., for 1/64 sec. cor. on $\frac{1}{4}$ sec. line of sec. 26, stamped on cap</p> <p style="text-align: center;">1/64 S 26 in center. 1915 in S.</p> <p>Dig pits 18 x 18 x 12 ins. E. & W. of cor. 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> |
| 73.50 | <p>Fence, brs. N. 89° E. and S. 89° W.</p> |
| 75.13 | <p>Set an iron post 1 in. dia., for 1/256 sec. cor. on $\frac{1}{4}$ sec. line of sec. 26, stamped on cap</p> <p style="text-align: center;">1/256 S 26 in center. 1915 in S.</p> <p>Dig pits 18 x 18 x 12 ins. E. & W. of cor. 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> |

Resurvey of Subdivision lines of T. 15 S., R. 13 E.

Chains

80.14

The $\frac{1}{4}$ sec. cor. bet. secs. 26 and 27.

Land, mesa, 10.02 chs.; bottom, 70.12 chs.
 Soil, 1st rate, 70.12 chs.; 2nd rate 10.02 chs.
 Timber, scattered mesquite.
 Brush, dense mesquite and cactus, 28.50 chs.

Returning to the $\frac{1}{4}$ sec. cor. bet. secs. 26 and 35,
 I run

N. $0^{\circ} 57'$ E. on a true line through the middle of
 sec. 26.

Over level bottom land through scattered mesquite
 timber, brush and cactus.

5.02

Set an iron post 1 in. dia., for the $\frac{1}{256}$ sec. cor.
 on $\frac{1}{4}$ sec. line of sec. 26, stamped on cap

$\frac{1}{256}$ S 26 in center.
 1915 in S.

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

10.04

Set an iron post 1 in. dia., for the $\frac{1}{64}$ sec. cor.
 on $\frac{1}{4}$ sec. line of sec. 26, stamped on cap

$\frac{1}{64}$ S 26 in center.
 1915 in S.

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

15.06

Set an iron post 1 in. dia., for $\frac{1}{256}$ sec. cor. on
 $\frac{1}{4}$ sec. line of sec. 26, stamped on cap

$\frac{1}{256}$ S 26 in center.
 1915 in S.

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

20.08

Set an iron post 1 in. dia., for the S. $\frac{1}{16}$ sec. cor.
 on $\frac{1}{4}$ sec. line of sec. 26, and also for the M. C.
 on left bank of Santa Cruz River; cut bank, 10 ft.
 high, course N. 30° W., stamped on cap

$\frac{1}{4}$ M C in N.
 S $\frac{1}{16}$ S 26 in center.
 $\frac{1}{4}$ 1915 in S.

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

Thence across river to -

26.01

Right bank of Santa Cruz River; cut bank, 10 ft. high,
 course N. 30° W.

Resurvey of Subdivision lines of T. 15 S., R. 13 E.

Chains

Set an iron post 1 in. dia., for M. C. on $\frac{1}{4}$ sec. line of sec. 26, stamped on cap

$\frac{1}{4}$ in N.
S 26 in center.
 $\frac{1}{4}$ M C 1915 in S.

Dig pit 36 x 36 x 12 ins. 8 ft. N. of cor.; and raise a mound of earth 4 ft. base, 2 ft. high, N. of cor.

30.12

Set an iron post 1 in. dia., for the $\frac{1}{64}$ sec. cor. on $\frac{1}{4}$ sec. line of sec. 26, stamped on cap

$\frac{1}{64}$ S 26 in center.
1915 in S.

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

35.14

Set an iron post 1 in. dia., for the $\frac{1}{256}$ sec. cor. on $\frac{1}{4}$ sec. line of sec. 36, stamped on cap

$\frac{1}{256}$ S 26 in center.
1915 in S.

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

40.16

The center $\frac{1}{4}$ sec. cor. of sec. 26.

45.17

Set an iron post 1 in. dia., for the $\frac{1}{256}$ sec. cor. on $\frac{1}{4}$ sec. line of sec. 26, stamped on cap

$\frac{1}{256}$ S 26 in center.
1915 in S.

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

50.19

Set an iron post 1 in. dia., for $\frac{1}{64}$ sec. cor. on $\frac{1}{4}$ sec. line of sec. 26, stamped on cap

$\frac{1}{64}$ S 26 in center.
1915 in S.

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

55.20

Set an iron post 1 in. dia., for the $\frac{1}{256}$ sec. cor. on $\frac{1}{4}$ sec. line of sec. 26, stamped on cap

$\frac{1}{256}$ S 26 in center.
1915 in S.

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

60.22

Set an iron post 1 in. dia., for the N. $\frac{1}{16}$ sec. cor. on $\frac{1}{4}$ sec. line of sec. 26, stamped on cap

N $\frac{1}{16}$ in W.
 $\frac{1}{4}$ in N.
S 26 in E.
 $\frac{1}{4}$ 1915 in S.

BOOK 1915

Resurvey of Subdivision lines of T. 15 S., R. 13 E.

| Chains | |
|--------|--|
| 65.23 | <p>Dig pits 18 x 18 x 12 ins. N. & S. of cor. 3 ft. dist.; and raise a mound of earth 3½ ft. base, 1½ ft. high, W. of cor.</p> <p>Set an iron post 1 in. dia., for the 1/256 sec. cor. on ¼ sec. line of sec. 26, stamped on cap</p> <p style="text-align: center;">1/256 S 26 in center. 1915 in S.</p> |
| 70.25 | <p>Dig pits 18 x 18 x 12 ins. N. & S. of cor. 3 ft. dist.; and raise a mound of earth 3½ ft. base, 1½ ft. high, W. of cor.</p> <p>Set an iron post 1 in. dia., for the 1/64 sec. cor. on ¼ sec. line of sec. 26, stamped on cap</p> <p style="text-align: center;">1/64 S 26 in center. 1915 in S.</p> |
| 75.26 | <p>Dig pits 18 x 18 x 12 ins. N. & S. of cor. 3 ft. dist.; and raise a mound of earth 3½ ft. base, 1½ ft. high, W. of cor.</p> <p>Set an iron post 1 in. dia., for the 1/256 sec. cor. on ¼ sec. line of sec. 26, stamped on cap</p> <p style="text-align: center;">1/256 S 26 in center. 1915 in S.</p> |
| 80.28 | <p>Dig pits 18 x 18 x 12 ins. N. & S. of cor. 3 ft. dist.; and raise a mound of earth 3½ ft. base, 1½ ft. high, W. of cor.</p> <p>Begin rocky ascent of S. slope of "Berger Butte".</p> <p>The ¼ sec. cor. bet. secs. 23 and 26.</p> <p>Land, level, 75.26 chs.; rolling, 5.02 chs. Soil, 1st rate, 75.26 chs.; rocky 4th rate, 5.02 chs. Timber, scattered mesquite. Brush, mesquite and cactus.</p> <p style="text-align: right;">March 9, 1915.</p> |
| 20.00 | <p>March 10, 1915. At 8h 0m a.m., l.m.t., I set off 32° 6' on lat. arc, and 4° 20½' S. on decl. arc, and determine a meridian with the solar at the E. 1/16 sec. cor. bet. secs. 26 and 35.</p> <p>Thence I run</p> <p>N. 0° 40' E. on a random line through the middle of the SE ¼ of sec. 26, setting temp. 1/64 and 1/256 sec. cors.</p> |
| 40.16 | <p>Set temp. SE. 1/16 sec. cor.</p> <p>Fall 10 lks. W. of the E. 1/16 sec. cor. on ¼ sec. line of sec. 26.</p> <p>(Move temp. SE. 1/16 sec. cor. 5 lks. E.)</p> |

Resurvey of Subdivision lines of T. 15 S., R. 13 E.

Chains

From the S. 1/16 sec. cor. on $\frac{1}{4}$ line of sec. 26, I run N. $89^{\circ} 49'$ E. on a random line through the middle of the SE. $\frac{1}{4}$ of sec. 26, setting temp. 1/64 and 1/256 sec. cors.

20.08 Fall $7\frac{1}{2}$ lks. N. of temp. SE. 1/16 sec. cor.

40.16 Fall 1 lk. S. of S. 1/16 sec. cor. bet. secs. 25 and 26.

(Therefore, the point for the SE. 1/16 sec. cor. is 8 lks. N. $0^{\circ} 49'$ E. from the temp. SE. 1/16 sec. cor.)

Thence I run

S. $89^{\circ} 48'$ W. on a true line through the middle of the SE. $\frac{1}{4}$ of sec. 26.

Over level bottom land, through scattered mesquite; brush and cactus.

5.02 Set an iron post 1 in. dia., for the 1/256 sec. cor. of sec. 26, stamped on cap

1/256 S 26 in center.
1915 in S.

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

7.50 Leave scattered brush, bearing N. & S.

Enter open grass marsh.

10.04 Set an iron post 1 in. dia., for the 1/64 sec. cor. of sec. 26, stamped on cap

1/64 S 26 in center.
1915 in S.

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

15.06 Set an iron post 1 in. dia., for the 1/256 sec. cor. of sec. 26, stamped on cap

1/256 S 26 in center.
1915 in S.

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

20.08 Set an iron post 1 in. dia., for the SE. 1/16 sec. cor. of sec. 26, stamped on cap

SE 1/16 S 26 in center.
1915 in S.

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

Resurvey of Subdivision lines of T. 15 S., R. 13 E.

Chains

- 25.10 Set an iron post 1 in. dia., for the 1/256 sec. cor. of sec. 26, stamped on cap
 1/256 S 26 in center.
 1915 in S.
 Dig pits 18 x 18 x 12 ins. E. & W. of cor. 3 ft. dist.; and raise a mound of earth 3½ ft. base, 1½ ft. high, N. of cor.
- 27.50 Wood road, brs. N. & S.
 Leave grass marsh;; enter brush.
- 30.12 Set an iron post 1 in. dia., for the 1/64 sec. cor. of sec. 26, stamped on cap
 1/64 S 26 in center.
 1915 in S.
 Dig pits 18 x 18 x 12 ins. E. & W. of cor. 3 ft. dist.; and raise a mound of earth 3½ ft. base, 1½ ft. high, N. of cor.
- 35.14 Set an iron post 1 in. dia., for the 1/256 sec. cor. of sec. 26, stamped on cap
 1/256 S 26 in center.
 1915 in S.
 Dig pits 18 x 18 x 12 ins. E. & W. of cor. 3 ft. dist.; and raise a mound of earth 3½ ft. base, 1½ ft. high, N. of cor.
- 36.15 Right bank of Santa Cruz River; out bank, 10 ft. high, course N. 30° W.
 Set an iron post 1 in. dia., ^{on S. 1/16 sec. line} for the M. C. of sec. 26, stamped on cap
 S M C in W.
 S 26 in N.
 1/16 1915 in S.
 S in E.
 Dig pit 36 x 36 x 12 ins. 8 ft. E. of cor.; and raise a mound of earth 4 ft. base, 2 ft. high, E. of cor.
 Thence across river.
- 40.16 The S. 1/16 sec. cor. on ¼ sec. line of sec. 26, which is also the M. C. on the left bank of Santa Cruz River.
 Land, level bottom.
 Soil, 1st. rate.
 Timber, scattered mesquite.
 Brush, mesquite and cactus.
 May 10, 1915. At this cor. I set off 4° 17' S. on decl. arc, and at apparent noon observe the sun on the meridian. The resulting lat. is 32° 6' which is the proper lat.

Resurvey of Subdivision lines of T. 15 S., R. 13 E.

Chains

Returning to the N. 1/16 sec. cor. bet. secs. 26 and 35,
I run

N. $0^{\circ} 49'$ E. on a true line through the middle of the SE.
 $\frac{1}{4}$ of sec. 26.

Over level bottom land, through scattered mesquite
brush and cactus.

5.02 Set an iron post 1 in. dia., for the 1/256 sec. cor.
of sec. 26, stamped on cap

1/256 S 26 in center.
1915 in S.

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

10.04 Set an iron post 1 in. dia., for the 1/64 sec. cor.
of sec. 26, stamped on cap

1/64 S 26 in center.
1915 in S.

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

11.50 Leave brush; enter open grass marsh.

15.06 Set an iron post 1 in. dia., for the 1/256 sec. cor.
of sec. 26, stamped on cap

1/256 S 26 in center.
1915 in S.

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

20.08 The SE. 1/16 sec. cor. of sec. 26.

25.10 Set an iron post 1 in. dia., for the 1/256 sec. cor.
of sec. 26, stamped on cap

1/256 S 26 in center.
1915 in S.

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

30.12 Set an iron post 1 in. dia., for the 1/64 sec. cor.
of sec. 26, stamped on cap

1/64 S 26 in center.
1915 in S.

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

Resurvey of Subdivision lines of T. 15 S., R. 13 E.

Chains

- 35.14 Set an iron post 1 in. dia., for the 1/256 sec. cor. of sec. 26, stamped on cap
- 1/256 S 26 in center.
1915 in S.
- Dig pits 18 x 18 x 12 ins. N. & S. of cor. 3 ft. dist.; and raise a mound of earth 3½ ft. base, 1½ ft. high, W. of cor.
- 40.16 The E. 1/16 sec. cor. on ¼ sec. line of sec. 26.
- Land, bottom, 40.16 chs.
Soil, 1st rate.
Timber, scattered mesquite, 11.50 chs.
Brush, mesquite and cactus, 11.50 chs.
-
- Thence from the E. 1/16 sec. cor. on ¼ sec. line of sec. 26, I run
- N. 0° 40' E. on a random line through the middle of the NE. ¼ of sec. 26, setting temp. 1/64 and 1/256 sec. cors.
- 20.00 Set temp. NE. 1/16 sec. cor.
- 40.16 Fall 12 lks. W. of the E. 1/16 sec. cor. bet. secs. 23 and 26.
- (Move temp. NE. 1/16 sec. cor. 6 lks. E.)
-
- From the N. 1/16 sec. cor. on ¼ sec. line of sec. 26, I run
- N. 89° 40' E. on a random line through the middle of the NE. ¼ of sec. 26, setting temp. 1/64 and 1/256 sec. cors.
- 20.04 Fall 5½ lks. N. of temp. NE. 1/16 sec. cor.
- 40.08 Fall 5 lks. S. of the N. 1/16 sec. cor. bet. secs. 25 and 26.
- (Therefore, the point for the NE. 1/16 sec. cor. is 8 lks. N. 0° 50' E. from the temp. NE. 1/16 sec. cor.)
-
- Thence I run
- S. 89° 36' W. on a true line through the middle of the NE. ¼ of sec. 26.
- Over nearly level mesa land, through scattered mesquite; brush and cactus.
- 2.00 Fence, brs. N. 15° W. and S. 15° E.
- 2.70 Road, brs. N. 15° W. and S. 15° E.

Resurvey of Subdivision lines of T. 15 S., R. 13 E.

Chains

- 5.01 Set an iron post 1 in. dia., for the 1/256 sec. cor. of sec. 26, stamped on cap
1/256 S 26 in center.
1915 in S.
Dig pits 18 x 18 x 12 ins. E. & W. of cor. 3 ft. dist.; and raise a mound of earth 3½ ft. base, 1½ ft. high, N. of cor.
- 10.02 Set an iron post 1 in. dia., for the 1/64 sec. cor. of sec. 26, stamped on cap
1/64 S 26 in center.
1915 in S.
Dig pits 18 x 18 x 12 ins. E. & W. of cor. 3 ft. dist.; and raise a mound of earth 3½ ft. base, 1½ ft. high, N. of cor.
- 15.03 Set an iron post 1 in. dia., for the 1/256 sec. cor. of sec. 26, stamped on cap
1/256 S 26 in center.
1915 in S.
Dig pits 18 x 18 x 12 ins. E. & W. of cor. 3 ft. dist.; and raise a mound of earth 3½ ft. base, 1½ ft. high, N. of cor.
- 20.04 Set an iron post 1 in. dia., for the NE. 1/16 sec. cor. of sec. 26, stamped on cap
NE 1/16 S 26 in center.
1915 in S.
Dig pits 18 x 18 x 12 ins. E. & W. of cor. 3 ft. dist.; and raise a mound of earth 3½ ft. base, 1½ ft. high, N. of cor.
- 25.05 Set an iron post 1 in. dia., for the 1/256 sec. cor. of sec. 26, stamped on cap
1/256 S 26 in center.
1915 in S.
Dig pits 18 x 18 x 12 ins. E. & W. of cor. 3 ft. dist.; and raise a mound of earth 3½ ft. base, 1½ ft. high, N. of cor.
- 25.50 Leave mesa land and scattered brush, bearing NE. & SE.; enter open grass marsh.
- 30.06 Set an iron post 1 in. dia., for the 1/64 sec. cor. of sec. 26, stamped on cap
1/64 S 26 in center.
1915 in S.
Dig pits 18 x 18 x 12 ins. E. & W. of cor. 3 ft. dist.; and raise a mound of earth 3½ ft. base, 1½ ft. high, N. of cor.
- 31.40 Wood road, brs. N. and S.
Leave open; enter brush.

Resurvey of Subdivision lines of T. 15 S., R. 13 E.

Chains

- 35.07 Set an iron post 1 in. dia., for the 1/256 sec. cor. of sec. 26, stamped on cap
- 1/256 S 26 in center.
1915 in S.
- Dig pits 18 x 18 x 12 ins. E. & W. of cor. 3 ft. dist.; and raise a mound of earth 3½ ft. base, 1½ ft. high, N. of cor.
- 40.08 The N. 1/16 sec. cor. on ¼ sec. line of sec. 26.
- Land, level mesa, 25.50 chs.
bottom, 14.58 "
Soil, 1st rate, 14.58 "
2nd rate, 25.50 "
- Timber, scattered mesquite, 34.18 chs.
Brush, mesquite and cactus, 34.18 chs.
-
- Returning to the E. 1/16 sec. cor. on ¼ sec. line of sec. 26, I run
- N. 0° 50' E. on a true line through the middle of the NE. ¼ of sec. 26.
- Over level open bottom land, grass marsh.
- 5.02 Set an iron post 1 in. dia., for the 1/256 sec. cor. of sec. 26, stamped on cap
- 1 /256 S 26 in center.
1915 in S.
- Dig pits 18 x 18 x 12 ins. N. & S. of cor. 3 ft. dist.; and raise a mound of earth 3½ ft. base, 1½ ft. high, W. of cor.
- 10.04 Set an iron post 1 in. dia., for the 1/64 sec. cor. of sec. 26, stamped on cap
- 1/64 S 26 in center.
1915 in S.
- Dig pits 18 x 18 x 12 ins. N. & S. of cor. 3 ft. dist.; and raise a mound of earth 3½ ft. base, 1½ ft. high, W. of cor.
- 15.06 Set an iron post 1 in. dia., for the 1/256 sec. cor. of sec. 26, stamped on cap
- 1/256 S 26 in center.
1915 in S.
- Dig pits 18 x 18 x 12 ins. N. & S. of cor. 3 ft. dist.; and raise a mound of earth 3½ ft. base, 1½ ft. high, W. of cor.
- 15.50 Leave open bottom land; enter scattered mesquite, brush and cactus; over nearly level mesa land.
- 20.08 The NE. 1/16 sec. cor.
- 25.10 Set an iron post 1 in. dia., for the 1/256 sec. cor. of sec. 26, stamped on cap

P.O.C.S. 2322

Resurvey of Subdivision lines of T. 15 S., R. 13 E.

Chains

1/256 S 26 in center.
1915 in S.

Dig pits 18 x 18 x 12 ins. N. & S. of cor. 3 ft. dist.;
and raise a mound of earth 3½ ft. base, 1½ ft. high,
W. of cor.

30.12 Set an iron post 1 in. dia., for the 1/64 sec. cor.
of sec. 26, stamped on cap

1/64 S 26 in center.
1915 in S.

Dig pits 18 x 18 x 12 ins. N. & S. of cor. 3 ft. dist.;
and raise a mound of earth 3½ ft. base, 1½ ft. high,
W. of cor.

33.00 Wood road, brs. NE. & SW.

35.14 Set an iron post 1 in. dia., for the 1/256 sec. cor.
of sec. 26, stamped on cap

1/256 S 26 in center.
1915 in S.

Dig pits 18 x 18 x 12 ins. N. & S. of cor. 3 ft. dist.;
and raise a mound of earth 3½ ft. base, 1½ ft. high,
W. of cor.

35.30 Wood road, brs. N. 30° E. and S. 30° W.

40.16 The E. 1/16 sec. cor. bet. secs. 23 and 26.

Land, bottom, 15.50 chs., mesa, 24.56 chs.
Soil, 1st rate 15.50 chs., 2nd rate 24.56 chs.
Timber, scattered mesquite, 24.56 chs.
Brush, mesquite and cactus, 24.56 chs.

March 10, 1915.

March 11, 1915. At 8^h 0m a.m., l.m.t., I set off
32° 6' on lat. arc, and 3° 57' S. on decl. arc;
and determine a meridian with the solar at the
W. 1/16 sec. cor. bet. sec. 26 and 35.

Thence I run

N. 0° 57' E. on a random line through the middle
of the SW. ¼ of sec. 26, setting temp. 1/64 and
1/256 sec. cors.

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

40.06 Fall 4 lks. W. of the W. 1/16 sec. cor. on ¼ sec.
line of sec. 26.

(Move temp. SW. 1/16 sec. cor. 2 lks. E.)

From the S. 1/16 sec. cor. bet. secs. 26 and 27, I run

N. 89° 49' E. on a random line through the middle of
the SW. ¼ of sec. 26, setting temp. 1/64 and 1/256
sec. cors.

Resurvey of Subdivision lines of T. 15 S., R. 13 E.

Chains

1/256 S 26 in center.
1915 in S.

Dig pits 18 x 18 x 12 ins. E. & W. of cor. 3 ft. dist.;
and raise a mound of earth 3½ ft. base, 1½ ft. high,
N. of cor.

25.20 Fence, brs. N. 89½° E. and S. 89½° W.

30.10 Set an iron post 1 in. dia., for the 1/64 sec. cor.
of sec. 26, stamped on cap

1/64 S 26 in center.
1915 in S.

Dig pits 18 x 18 x 12 ins. E. & W. of cor. 3 ft. dist.;
and raise a mound of earth 3½ ft. base, 1½ ft. high,
N. of cor.

35.12 Set an iron post 1 in. dia., for the 1/256 sec. cor.
of sec. 26, stamped on cap

1/256 S 26 in center.
1915 in S.

Dig pits 18 x 18 x 12 ins. E. & W. of cor. 3 ft. dist.;
and raise a mound of earth 3½ ft. base, 1½ ft. high,
N. of cor.

40.14 The S. 1/16 sec. cor. bet. secs. 26 and 27.

Land, level bottom.
Soil, 1st rate.
Timber, scattered mesquite, 19.00 chs.
Brush, mesquite and cactus, 19.00 chs.
Cultivated land, 21.16 chs.

Returning to the W. 1/16 sec. cor. bet. secs.
26 and 35, I run

N. 1° E. on a true line through the middle of the
SW. ¼ of sec. 26.

Over level cultivated land.

.15 Fence, brs. E. & W.

5.01 Set an iron post 1 in. dia., for the 1/256 sec. cor.
of sec. 26, stamped on cap

1/256 S 26 in center.
1915 in S.

Dig pits 18 x 18 x 12 ins. N. & S. of cor. 3 ft. dist.;
and raise a mound of earth 3½ ft. base, 1½ ft. high,
W. of cor.

10.02 Set an iron post 1 in. dia., for the 1/64 sec. cor.
of sec. 26, stamped on cap

1/64 S 26 in center.
1915 in S.

Dig pits 18 x 18 x 12 ins. N. & S. of cor. 3 ft. dist.;
and raise a mound of earth 3½ ft. base, 1½ ft. high,
W. of cor.

Resurvey of Subdivision lines of T. 15 S., R. 13 E.

| Chains | |
|--------|---|
| 15.03 | <p>Set an iron post 1 in. dia., for the 1/256 sec. cor. of sec. 26, stamped on cap</p> <p style="text-align: center;">1/256 S 26 in center. 1915 in S.</p> <p>Dig pits 18 x 18 x 12 ins. N. & S. of cor. 3 ft. dist.; and raise a mound of earth 3½ ft. base, 1½ ft. high, W. of cor.</p> |
| 20.04 | The SW. 1/16 sec. cor. of sec. 26. |
| 20.10 | Fence, brs. E. & W. |
| 25.05 | <p>Set an iron post 1 in. dia., for the 1/256 sec. cor. of sec. 26, stamped on cap</p> <p style="text-align: center;">1/256 S 26 in center. 1915 in S.</p> <p>Dig pits 18 x 18 x 12 ins. N. & S. of cor. 3 ft. dist.; and raise a mound of earth 3½ ft. base, 1½ ft. high, W. of cor.</p> |
| 30.05 | <p>Set an iron post 1 in. dia., for the 1/64 sec. cor. of sec. 26, stamped on cap</p> <p style="text-align: center;">1/64 S 26 in center. 1915 in S.</p> <p>Dig pits 18 x 18 x 12 ins. N. & S. of cor. 3 ft. dist.; and raise a mound of earth 3½ ft. base, 1½ ft. high, W. of cor.</p> |
| 35.06 | <p>Set an iron post 1 in. dia., for the 1/256 sec. cor. of sec. 26, stamped on cap</p> <p style="text-align: center;">1/256 S 26 in center. 1915 in S.</p> <p>Dig pits 18 x 18 x 12 ins. N. & S. of cor. 3 ft. dist.; and raise a mound of earth 3½ ft. base, 1½ ft. high, W. of cor.</p> |
| 37.90 | <p>Fence, brs. N. 2° W. and S. 2° E.</p> <p>Leave cultivated land; enter scattered mesquite brush and cactus.</p> |
| 40.06 | <p>The W. 1/16 sec. cor. on ¼ sec. line of sec. 26.</p> <p>Land, level bottom. Soil, 1st rate. Scattered mesquite timber and brush, 2.16 chs. Cultivated land, 37.90 chs.</p> <p>May, 11, 1915. At this cor. I set off 3° 54' S. on decl. arc, and at apparent noon observe the sun on the meridian. The resulting lat. is 32° 6½' which is the proper lat.</p> |

Resurvey of Subdivision lines of T. 15 S., R. 13 E.

Chains

Thence from the W. 1/16 sec. cor. on $\frac{1}{4}$ sec. line
of sec. 26, I run

N. $0^{\circ} 57'$ E. on a random line through the middle
of the NW. $\frac{1}{4}$ of sec. 26, setting temp. 1.64 and 1/256
sec. cors.

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

40.12 Fall 4 lks. W. of the W. 1/16 sec. cor. bet. secs.
23 and 26.

(Move temp. NW. 1/16 sec. cor. 2 lks. E.)

From the N. 1/16 sec. cor. bet. secs. 26 and 27, I run

N. $89^{\circ} 40'$ E. on a random line through the middle
of the NW. $\frac{1}{4}$ of sec. 26, setting temp. 1/64 and
1/256 sec. cors.

20.00 Fall 2 lks. N. of the temp. NW. 1/16 sec. cor.

40.00 Fall 4 lks. S. of the N. 1/16 sec. cor. on $\frac{1}{4}$ sec.
line of sec. 26.

(Therefore, the point for the NW. 1/16 sec. cor.
is 4 lks. N. 1° E. from the temp. NW. 1/16 sec.
cor.)

Thence I run

S. $89^{\circ} 37'$ W. on a true line through the middle of the
NW. $\frac{1}{4}$ of sec. 26.

Over level bottom land, through scattered mesquite
brush and cactus.

5.00 Set an iron post 1 in. dia., for the 1/256 sec. cor.
of sec. 26, stamped on cap

1/256 S 26 in center.
1915 in S.

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

7.52 Right bank of Santa Cruz River; cut bank, 10 ft. high,
course NW.

Set an iron post 1 in. dia., for the M. C. _A of sec. 26,
stamped on cap

N M C in W.
S 26 in N.
N in E.
1/16 1915 in S.

Dig pit 36 x 36 x 12 ins. 8 ft. E. of cor.; and raise
a mound of earth 4 ft. base, 2 ft. high, E. of cor.

Resurvey of Subdivision lines of T. 15 S., R. 13 E.

| Chains | |
|--------|--|
| | Thence across river. |
| 9.71 | Left bank of Santa Cruz River; out bank, 10 ft. high, course NW. Set an iron post 1 in. dia., for M. C. on N. 1/16 sec. line of sec. 26, stamped on cap N M C in E. S 26 in N. 1/16 1915 in S. N in W. |
| 10.00 | Dig pit 36 x 36 x 12 ins. 8 ft. W. of cor.; and raise a mound of earth 4 ft. base, 2 ft. high, W. of cor. Set an iron post 1 in. dia., for the 1/64 sec. cor. of sec. 26, stamped on cap 1/64 S 26 in center. 1915 in S. |
| 15.00 | Dig pits 18 x 18 x 12 ins. E. & W. of cor. 3 ft. dist.; and raise a mound of earth 3½ ft. base, 1½ ft. high, N. of cor. Set an iron post 1 in. dia., for the 1/256 sec. cor. of sec. 26, stamped on cap 1/256 S 26 in center. 1915 in S. |
| 20.00 | Dig pits 18 x 18 x 12 ins. E. & W. of cor. 3 ft. dist.; and raise a mound of earth 3½ ft. base, 1½ ft. high, N. of cor. Set an iron post 1 in. dia., for the NW. 1/16 sec. cor. of sec. 26, stamped on cap NW 1/16 S 26 in center. 1915 in S. |
| 22.10 | Dig pits 18 x 18 x 12 ins. E. & W. of cor. 3 ft. dist.; and raise a mound of earth 3½ ft. base, 1½ ft. high, N. of cor. E. bank of barranca, 10 ft. deep, brs. N. 75° W. and S. 75° E. Thence in same |
| 25.00 | Point for 1/256 sec. cor. falls in barranca, impossible to set. |
| 30.00 | Point for 1/64 sec. cor. falls in barranca, impossible to set. |
| 34.80 | W. bank of barranca, 10 ft. deep; brs. N. & S. Leave same and enter cultivated land. |
| 35.00 | Set an iron post 1 in. dia., for the 1/256 sec. cor. of sec. 26, stamped on cap 1/256 S 26 in center. 1915 in S. Dig pits 18 x 18 x 12 ins. E. & W. of cor. 3 ft. dist.; and raise a mound of earth 3½ ft. base, 1½ ft. high, N. of cor. |

Resurvey of Subdivision lines of T. 15 S., R. 13 E.

Chains

- 40.00 The N. $1/16$ sec. cor. bet. secs. 26 and 27.
 Land, level bottom.
 Soil, 1st rate.
 Scattered mesquite timber, brush and cactus, 22.10 chs.
 Cultivated land, 5.20 chs.
 Barranca, 14.70 chs.
-
- Returning to the W. $1/16$ sec. cor. on $\frac{1}{4}$ sec. line
 of sec. 26, I run
 N. 1° E. on a true line through the middle of the
 NW. $\frac{1}{4}$ of sec. 26.
 Over level bottom land, through scattered mesquite
 timber; brush and cactus.
- 1.30 Barranca, 8 ft. deep, 60 lks. wide, course NW.
- 5.01 Set an iron post 1 in. dia., for $1/256$ sec. cor.
 of sec. 26, stamped on cap
 $1/256$ S 26 in center.
 1915 in S.
 Dig pits 18 x 18 x 12 ins. N. & S. of cor. 3 ft. dist.;
 and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high,
 W. of cor.
- 8.95 Set an iron post 1 in. dia., for W. C. to $1/64$ sec.
 cor. of sec. 26, stamped on cap
 W C in N.
 $1/64$ S 26 in center.
 1915 in S.
 Dig pits 18 x 18 x 12 ins. N. & S. of cor. 3 ft. dist.;
 and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high,
 W. of cor.
- 9.10 S. side of barranca, 8 ft. deep, course NW.
 Thence in same.
- 10.02 True point for $1/64$ sec. cor.
- 13.50 N. side of barranca, 8 ft. deep, course NW.
- 15.03 Set an iron post 1 in. dia., for $1/256$ sec. cor. of
 sec. 26, stamped on cap
 $1/256$ S. 26 in center.
 1915 in S.
 Dig pits 18 x 18 x 12 ins. N. & S. of cor. 3 ft. dist.;
 and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high,
 W. of cor.
- 20.04 The NW. $1/16$ sec. cor. of sec. 26.
- 25.06 Set an iron post 1 in. dia., for the $1/256$ sec. cor.
 of sec. 26, stamped on cap

Resurvey of Subdivision lines of T. 15 S., R. 13 E.

Chains

Thence on a true line bet. secs. 22 and 23, in river bed.

20.00 The proportional point for the S. 1/16 sec. cor. bet. secs. 22 and 23. Set temp. cor.

30.29 Left bank of Santa Cruz River; cut bank, 15 ft. high, course NE.

Set an iron post 1 in. dia., for M. C. bet. secs. 22 and 23, stamped on cap

T 15 S S 22 in W.
R 13 E S 23 in E.
M C 1915 in S.

Dig pit 36 x 36 x 12 ins. 8 ft. N. of cor.; and raise a mound of earth 4 ft. base, 2 ft. high, N. of cor.

Thence across level open land.

35.00 The proportional point for 1/256 sec. cor. bet. sec. 22 and 23.

Set an iron post 1 in. dia., stamped on cap

1/256 in N.
S 22 in W.
S 23 in E.
1915 in S.

Dig pits 18 x 18 x 12 ins. N. & S. of cor. 3 ft. dist.; and raise a mound of earth 3½ ft. base, 1½ ft. high, W. of cor.

40.00 The proportional point for the ¼ sec. cor. bet. secs. 22 and 23.

Set an iron post 1 in. dia., stamped on cap

¼ in N.
S 22 in W.
S 23 in E.
1915 in S.

Dig pits 18 x 18 x 12 ins. N. & S. of cor. 3 ft. dist.; and raise a mound of earth 3½ ft. base, 1½ ft. high, W. of cor.

45.00 The proportional point for 1/256 sec. cor. bet. secs. 22 and 23.

Set an iron post 1 in. dia., stamped on cap

1/256 in N.
S 22 in W.
S 23 in E.
1915 in S.

Dig pits 18 x 18 x 12 ins. N. & S. of cor. 3 ft. dist.; and raise a mound of earth 3½ ft. base, 1½ ft. high, W. of cor.

50.00 The proportional point for 1/64 sec. cor. bet. secs. 22 and 23.

Set an iron post 1 in. dia., stamped on cap

Resurvey of Subdivision lines of T. 15 S., R. 13 E.

Chains

1/64 in N.
 S 22 in W.
 S 23 in E.
 1915 in S.

Dig pits 18 x 18 x 12 ins. N. & S. of cor. 3 ft. dist.;
 and raise a mound of earth 3½ ft. base, 1½ ft. high,
 W. of cor.

50.90

Barranca, 150 lks. wide, course N. 10° E.

55.00

The proportional point for 1/256 sec. cor. bet.
 secs. 22 and 23.

Set an iron post 1 in. dia., stamped on cap

1/256 in N.
 S 22 in W.
 S 23 in E.
 1915 in S.

Dig pits 18 x 18 x 12 ins. N. & S. of cor. 3 ft. dist.;
 and raise a mound of earth 3½ ft. base, 1½ ft. high,
 W. of cor.

56.79

Left bank of Santa Cruz River; out bank, 10 ft. high,
 course NW.

Set an iron post 1 in. dia., for M. C. bet. secs.
 22 and 23, stamped on cap

M C in N.
 S 22 T 15 S in W.
 S 23 R 13 E in E.
 1915 in S.

Dig pit 36 x 36 x 12 in. 8 ft. S. of cor.; and raise
 a mound of earth 4 ft. base, 2 ft. high, S. of cor.

60.00

The proportional point for the N. 1/16 sec. cor.
 bet. secs. 22 and 23 (in river bed) set temp. cor.

65.00

The proportional point for 1/256 sec. cor., (in
 river bed)

73.49

Left bank of Santa Cruz River; out bank, 12 ft. high,
 course NE.

Set an iron post 1 in. dia., for M. C. bet. secs.
 22 and 23, stamped on cap

T 15 S S 22 in W.
 R 13 E S 23 in E.
 M C 1915 in S.

Dig pit 36 x 36 x 12 in. 8 ft. N. of cor.; and raise
 a mound of earth 4 ft. base, 2 ft. high, N. of cor.

Thence across level cultivated land.

75.00

The proportional point for 1/256 sec. cor. bet. secs.
 22 and 23.

Set an iron post 1 in. dia., stamped on cap

Resurvey of Subdivision lines of T. 15 S., R. 13 E.

Chains

1/256 in N.
S 22 in W.
S 23 in E.
1915 in S.

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

79.10

Fence, brs. E. & W.

80.00

The proportional point for the cor. of secs. 14, 15,
22 and 23, on the North Boundary of the Reservation.

Set an iron post 3 ins. dia., stamped on cap

T 15 S S 15 in NW.
R 13 E S 14 in NE.
S 23 in SE.
S 22 in SW.
P I R 1915 in S.

Dig pits 18 x 18 x 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.

Land, level.
Soil, 1st rate.
No timber or brush.

Feb. 16, 1915. At this cor. I set off $12^{\circ} 29'$ S. on
decl. arc, and at apparent noon observe the sun
on the meridian. The resulting lat. is $32^{\circ} 7\frac{1}{2}'$
which is the proper lat.

Thence N. $89^{\circ} 20'$ E. on a true line bet. secs. 14
and 23, along N. bdy. of Papago Indian Reservation.

Over level cultivated land.

4.70

Left bank of Santa Cruz River; cut bank, 15 ft. high,
course N. 30° E.

Set an iron post 1 in. dia., for M. C. bet. secs.
14 and 23, stamped on cap

T 15 S S 14 in N.
R 13 E S 23 1915 in S.
M C in E.

Dig pit 36 x 36 x 12 ins. 8 ft. W. of cor.; and raise
a mound of earth 4 ft. base, 2 ft. high, W. of cor.

Thence across river.

9.51

Right bank of Santa Cruz River; cut bank 15 ft. high,
course N. 30° E.

Set an iron post 1 in. dia., for M. C. bet. secs.
14 and 23, stamped on cap

M C in W.
T 15 S S 14 in N.
R 13 E S 23 1915 in S.

Resurvey of Subdivision lines of T. 15 S., R. 13 E.

Chains

- 10.01 Dig pit 36 x 36 x 12 ins. 8 ft. E. of cor.; and raise a mound of earth 4 ft. base, 2 ft. high, E. of cor. Thence over level open land.
The proportional point for 1/64 sec. cor. bet. secs. 14 and 23.
Set an iron post 1 in. dia., stamped on cap
1/64 in W.
S 14 in N.
S 23 1915 in S.
- 10.50 Dig pits 18 x 18 x 12 ins. E. & W. of cor. 3 ft. dist.; and raise a mound of earth 3½ ft. base, 1½ ft. high, N. of cor.
From this cor., head of concrete siphon is N. 40 lks.
Irrigation canal, 15 lks. wide, course NW.
- 15.01 The proportional point for 1/256 sec. cor. bet. secs. 14 and 23.
Set an iron post 1 in. dia., stamped on cap
1/256 in W.
S 14 in N.
S 23 1915 in S.
- 20.01 Dig pits 18 x 18 x 12 ins. E. & W. of cor. 3 ft. dist.; and raise a mound of earth 3½ ft. base, 1½ ft. high, N. of cor.
The proportional point for the W. 1/16 sec. cor. bet. secs. 14 and 23.
Set an iron post 1 in. dia., stamped on cap
W 1/16 in W.
S 14 in N.
S 23 1915 in S.
- 25.01 Dig pits 18 x 18 x 12 ins. E. & W. of cor. 3 ft. dist.; and raise a mound of earth 3½ ft. base, 1½ ft. high, N. of cor.
The proportional point for 1/256 sec. cor. bet. secs. 14 and 23.
Set an iron post 1 in. dia., stamped on cap
1/256 in W.
S 14 in N.
S 23 1915 in S.
- 28.70 Dig pits 18 x 18 x 12 ins. E. & W. of cor. 3 ft. dist.; and raise a mound of earth 3½ ft. base, 1½ ft. high, N. of cor.
Fence, brs. N. & S.; and adobe house 5 chs. N.
- 30.02 The proportional point for 1/64 sec. cor. bet. secs. 14 and 23.
Set an iron post 1 in. dia., stamped on cap
1/64 in W.
S 14 in N.
S 23 1915 in S.

Resurvey of Subdivision lines of T. 15 S., R. 13 E.

| Chains | | |
|--------|---|----------------|
| | Dig pits 18 x 18 x 12 ins. E. & W. of cor. 3 ft. dist.; and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, N. of cor. | |
| 33.10 | Fence, brs. N. & S. | |
| 35.02 | The proportional point for $1/256$ sec. cor. bet. secs. 14 and 23. Set an iron post 1 in. dia., stamped on cap $1/256$ in W. S 14 in N. S 23 1915 in S. | |
| | Dig pits 18 x 18 x 12 ins. E. & W. of cor. 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 | The proportional point for the $\frac{1}{4}$ sec. cor. bet. secs. 14 and 23. Set an iron post 1 in. dia., stamped on cap $\frac{1}{4}$ in W. S 14 in N. S 23 1915 in S. | |
| | Dig pits 18 x 18 x 12 ins. E. & W. of cor. 3 ft. dist.; and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, N. of cor. | |
| 42.80 | Road, brs. N. & S. Leave level, open land, thence over nearly level mesa land, through scattered mesquite brush, greasewood and cactus. | |
| 60.03 | The proportional point for the E. $1/16$ sec. cor. bet. secs. 14 and 23. Set an iron post 1 in. dia., stamped on cap E $1/16$ in W. S 14 in N. S 23 1915 in S. | |
| | Dig pits 18 x 18 x 12 ins. E. & W. of cor. 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. 13, 14, 23 and 24. Land, level bottom, 42.80 chs. mesa, 37.24 chs. Soil, 1st rate, 42.80 chs. 2 nd rate, 37.24 chs. Brush, scattered mesquite, greasewood and cactus, 37.24 chs. No timber. | |
| | | Feb. 16, 1915. |

Resurvey of Subdivision lines of T. 15 S., R. 13 E.

Chains

March 16, 1915. At 8^h 0^m a.m., l.m.t., I set off 32° 7' on lat. arc, and 1° 59' on decl. arc, and determine a meridian with the solar at the ¼ sec. cor. bet. secs. 23 and 26.

Thence I run

N. 0° 16' W. on a random line through the middle of sec. 23.

20.00 Set temp. S. 1/16 sec. cor. on ¼ sec. line.

40.00 Set temp. center ¼ sec. cor.

Thence setting temp. 1/16, 1/64 and 1/256 sec. cors.

80.16 Fall 12 lks. E. of ¼ sec. cor. bet. secs. 14 and 23.

(Move temp. center ¼ sec. cor. 6 lks. W.)

From the ¼ sec. cor. bet. secs. 22 and 23, I run

N. 89° 34' E. on a random line, through the middle of sec. 23, setting temp. 1/16, 1/64 and 1/256 sec. cors.

39.96 Fall 2½ lks. S. of temp. center ¼ sec. cor.

79.92 Fall 21 lks. S. of ¼ sec. cor. bet. secs. 23 and 24.

(Therefore, the point for center ¼ sec. cor. is 8 lks. N. 0° 21' W. from temp. center ¼ sec. cor.)

Thence I run S. 89° 25' W. on a true line through the middle of sec. 23.

Over level mesa land, through scattered mesquite timber, brush and cactus.

17.30 Road, brs. NW. & SE.

18.30 Fence, brs. NW. & SE.

22.90 Road, brs. NW. & SE.

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

39.96 Set an iron post 1 in. dia., for the center ¼ sec. cor. of sec. 23, stamped on cap

C ¼ S 23 in center.
1915 in S.

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

March 16, 1915. At this cor. I set off 1° 55½' S. on decl. arc, and at apparent noon observe the sun on the meridian; the resulting lat. is 32° 7' which is within 1' of the proper lat.

Resurvey of Subdivision lines of T. 15 S., R. 13 E.

| Chains | |
|--------|--|
| 42.50 | Road, brs. N. & S. |
| 42.80 | Fence, brs. N. & S. |
| | Leave mesa land, enter level open bottom land. |
| 44.50 | Indian house on line. |
| 44.95 | Set an iron post 1 in. dia., for 1/256 sec. cor., in front yard of house, on $\frac{1}{4}$ sec. line of sec. 23, stamped on cap |
| | 1/256 S 23 in center. 1915 in S. |
| | Pits and mound impracticable. |
| 46.10 | Fence, brs. N. & S. |
| | Enter cultivated land. |
| 49.95 | Set an iron post 1 in. dia., for 1/64 sec. cor. on $\frac{1}{4}$ sec. line of sec. 23, stamped on cap |
| | 1/64 S 23 in center. 1915 in S. |
| | Dig pits 18 x 18 x 12 ins. E. & W. of cor. 3 ft. dist.; and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, N. of cor. |
| 54.94 | Set an iron post 1 in. dia., for 1/256 sec. cor. on $\frac{1}{4}$ sec. line of sec. 23, stamped on cap |
| | 1/256 S 23 in center. 1915 in S. |
| | Dig pits 18 x 18 x 12 ins. E. & W. of cor. 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 1 in. dia., for the W. 1/16 sec. cor. on $\frac{1}{4}$ sec. line of sec. 23, stamped on cap |
| | W 1/16 in N S 23 1915 in S. $\frac{1}{4}$ in E. & W. |
| | Dig pits 18 x 18 x 12 ins. E. & W. of cor. 3 ft. dist.; and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, N. of cor. |
| 61.10 | Fence, brs. N. & S. |
| 64.93 | Set an iron post 1 in. dia., for 1/256 sec. cor. on $\frac{1}{4}$ sec. line of sec. 23, stamped on cap |
| | 1/256 S 23 in center. 1915 in S. |
| | Dig pits 18 x 18 x 12 ins. E. & W. of cor. 3 ft. dist.; and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, N. of cor. |
| 69.50 | Fence, brs. N. & S. |
| | Leave cultivated land. |
| 69.68 | Set an iron post 1 in. dia., for W. C. to 1/64 sec. cor. on $\frac{1}{4}$ sec. line of sec. 23, stamped on cap W C 1/64 S 23 in center. 1915 in S. |

Resurvey of Subdivision lines of T. 15 S., R. 13 E.

| Chains | Dig pits 18 x 18 x 12 ins. E. & W. of cor. 3 ft. dist.; and raise a mound of earth 3½ ft. base, 1½ ft. high, N. of cor. |
|--------|---|
| 69.90 | Transmission line, brs. N. & S. |
| 69.93 | The true point for 1/64 sec. cor. falls on side of irrigation canal, impossible to set. |
| 70.80 | Canal, 30 lks. wide, course N. |
| 71.20 | Fence, brs. N. & S. |
| 73.06 | Right bank of Santa Cruz River, cut bank 8 ft. high, course NW. from S. |
| | Set an iron post 1 in. dia., for M. C. on ¼ sec. line of sec. 23, stamped on cap |
| | M C ¼ in W. S 23 in center. ¼ 1915 in S. |
| 74.92 | Dig pit 36 x 36 x 12 ins. 8 ft. E. of cor.; and raise a mound of earth 4 ft. base, 2 ft. high, N. of cor. <i>Point for 1/256 sec. cor. falls in river.</i> |
| 79.06 | Left bank of Santa Cruz River; cut bank 12 ft. high, course N. |
| | Set an iron post 1 in. dia., for M. C. on ¼ sec. line of sec. 23, stamped on cap |
| | M C ¼ in E. S 23 in center. ¼ 1915 in S. |
| | Dig pit 36 x 36 x 12 ins. 8 ft. W. of cor.; and raise a mound of earth 4 ft. base, 2 ft. high, W. of cor. |
| 79.92 | The ¼ sec. cor. bet. secs. 22 and 23. |
| | Land, nearly level mesa, 42.80 chs. level bottom, 37.12 chs. Soil, 1st rate, 37.12 chs.; 2nd rate 42.80 chs. Timber, scattered mesquite. Brush and cactus, 42.80 chs. |
| ----- | |
| | Returning to the ¼ sec. cor. bet. secs. 23 and 26, |
| | Thence I run |
| | N. 0° 21' W. on a true line through the middle of sec. 23. |
| | Ascend rocky SE. slope of "Berger Butte", through scattered mesquite timber, brush and cactus. |
| 16.20 | Top of ascent, brs. NE. & SW. |
| | Descend. |
| 20.04 | Set temp. S. 1/16 sec. cor. on ¼ sec. line of sec. 23. |
| 32.50 | Foot of descent. Thence nearly level mesa land. |

BOOK 2422

Resurvey of Subdivision lines of T. 15 S., R. 13 E.

| | |
|--------|--|
| Chains | |
| 40.08 | The center $\frac{1}{4}$ sec. cor. of sec. 23. |
| 42.40 | Road, brs. NE. & SW. |
| 45.09 | Set an iron post 1 in. dia., for $\frac{1}{256}$ sec. cor. on $\frac{1}{4}$ sec. line of sec. 23, stamped on cap 1/256 S 23 in center. 1915 in S. Dig pits 18 x 18 x 12 ins. N. & S. of cor. 3 ft. dist.; and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, W. of cor. |
| 50.10 | Set an iron post 1 in. dia., for $\frac{1}{64}$ sec. cor. on $\frac{1}{4}$ sec. line of sec. 23, stamped on cap 1/64 S 23 in center. 1915 in S. Dig pits 18 x 18 x 12 ins. N. & S. of cor. 3 ft. dist.; and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, W. of cor. |
| 55.11 | Set an iron post 1 in. dia., for $\frac{1}{256}$ sec. cor. on $\frac{1}{4}$ sec. line of sec. 23, stamped on cap 1/256 S 23 in center. 1915 in S. Dig pits 18 x 18 x 12 ins. N. & S. of cor. 3 ft. dist.; and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, W. of cor. |
| 58.50 | Road, brs. N. 60° W. from SE. |
| 60.12 | Set an iron post 1 in. dia., for the N. $\frac{1}{16}$ sec. cor. on $\frac{1}{4}$ sec. line of sec. 23, stamped on cap N $\frac{1}{16}$ in W. $\frac{1}{4}$ in N. S 23 in E. $\frac{1}{4}$ 1915 in S. Dig pits 18 x 18 x 12 ins. N. & S. of cor. 3 ft. dist.; and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, W. of cor. |
| 63.30 | Road, brs. NE. & SW. |
| 65.13 | Set an iron post 1 in. dia., for $\frac{1}{256}$ sec. cor. on $\frac{1}{4}$ sec. line of sec. 23, stamped on cap 1/256 S 23 in center. 1915 in S. Dig pits 18 x 18 x 12 ins. N. & S. of cor. 3 ft. dist.; and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, W. of cor. |
| 70.14 | Set an iron post 1 in. dia., for $\frac{1}{64}$ sec. cor. on $\frac{1}{4}$ sec. line of sec. 23, stamped on cap 1/64 S 23 in center. 1915 in S. Dig pits 18 x 18 x 12 ins. N. & S. of cor. 3 ft. dist.; and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, W. of cor. |
| 72.90 | Fence, brs. N. 30° E. and S. 30° W. |

Resurvey of Subdivision lines of T. 15 S., R. 13 E.

Chains

Enter cultivated bottom land.

75.15 Set an iron post 1 in. dia., for 1/256 sec. cor. on
1/4 sec. line of sec. 23, stamped on cap1/256 S 23 in center.
1915 in S.Dig pits 18 x 18 x 12 ins. N. & S. of cor. 3 ft. dist.
and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high,
W. of cor.

78.60 Fence, brs. E. & W.

80.16 The 1/4 sec. cor. bet. secs. 14 and 23.

Land, rolling 32.50 chs.; mesa 40.40 chs.; bottom 40.40 chs.
Soil, rocky 4th rate, 32.50 chs.; 2nd rate, 40.40 chs.;
1st rate, 7.26 chs.
Scattered mesquite timber; brush and cactus, 72.90 chs.

March 16, 1915.

March 17, 1915. At 8^h 0^m a.m., l.m.t., I set off
32° 7' on lat. arc, and 1° 35' S. on decl. arc,
and determine a meridian with the solar at the
W. 1/16 sec. cor. bet. secs. 23 and 26.

Thence I run

N. 0° 21' W. on a random line through the middle
of the SW. 1/4 of sec. 23.20.00 Set temp. SW. 1/16 sec. cor. Thence setting temp.
1/64 and 1/256 sec. cor.40.06 Fall 6 lks. E. of the W. 1/16 sec. cor. on 1/4 sec.
line of sec. 23, stamped on cap

(Move temp. SW. 1/16 sec. cor. 3 lks. W.)

From the point for the S. 1/16 sec. cor. bet. secs.
22 and 23 (in river) I run

N. 89° 34' E. on a random line through the middle
of the SW. 1/4 of sec. 23, setting temp. 1/64 and
1/256 sec. cors. for 20 chs.

19.98 Fall 1/2 lk. S. of temp. SW. 1/16 sec. cor.

39.94 Fall 5 lks. S. of temp. S. 1/16 sec. cor. on 1/4
sec. line of sec. 23.(Therefore, the point for the SW. 1/16 sec. cor. is
2 lks. N. 0° 26' W. from temp. SW. 1/16 sec. cor.)

Thence I run

S. 89° 30' W. on a true line through the middle of the
SW. 1/4 of sec. 23.

Resurvey of Subdivision lines of T. 15 S., R. 13 E.

Chains

Desc. NW. slope of "Berger Butte" through scattered mesquite, brush and cactus.

19.96 Set an iron post 1 in. dia., for the SW. 1/16 sec. cor. of sec. 23, stamped on cap

SW 1/16 S 23 in center.
1915 in S.

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

23.00 Road, brs. NE. & SW.

Foot of descent, brs. NE. & SW.

Thence over level open bottom land.

23.10 Fence, brs. NE. & SW.

24.50 Indian house on line.

24.95 Set an iron post 1 in. dia., for 1/256 sec. cor. of sec. 23, stamped on cap

1/256 S 23 in center.
1915 in S.

Pits and mound impractical.

26.10 Fence, brs. N. & S.

Enter cultivated land.

29.95 Set an iron post 1 in. dia., for 1/64 sec. cor. of sec. 23, stamped on cap

1/64 S 23 in center.
1915 in S.

Dig pits 18 x 18 x 12 ins. E. & W. of cor. 3 ft. dist.; and raise a mound of earth 3½ ft. base, 1½ ft. high, N. of cor.

34.60 Ditch, 5 lks. wide, course N.

34.94 Set an iron post 1 in. dia., for the 1/256 sec. cor. of sec. 23, stamped on cap

1/256 S 23 in center.
1915 in S.

Dig pits 18 x 18 x 12 ins. E. & W. of cor. 3 ft. dist.; and raise a mound of earth 3½ ft. base, 1½ ft. high, N. of cor.

36.35 Right bank of Santa Cruz River; cut bank, 10 ft. high, course N.

Set an iron post 1 in. dia., for M. C. on S. 1/16 sec. line of sec. 23, stamped on cap.

S M C in W.
S 23 in N.
N in E.
1/16 1915 in S.

Dig pit 36 x 36 x 12 ins. 8 ft. E. of cor.; and raise a mound of earth 4 ft. base, 2 ft. high, E. of cor.

Resurvey of Subdivision lines of T. 15 S., R. 13 E.

Chains

Thence across river.

39.94 The true point for the S. 1/16 sec. cor. bet. secs. 22 and 23, in Santa Cruz River.

Land, rolling 23.00 chs.; bottom 16.94 chs.
Soil, rocky 4th rate, 23.00 chs.; 1st rate 16.94 chs.
Scattered mesquite timber, brush and cactus, 23.00 chs.
Cultivated land, 10.25 chs.

From the W. 1/16 sec. cor. bet. secs. 23 and 26, I run N. 0° 26' W. on a true line through the middle of the SW. 1/4 of sec. 23.

Ascend S. slope of Berger Butte* through scattered mesquite timber, brush and cactus.

8.20 Top of ascent, brs. E. & W.

Desc. NW. slope.

20.02 The SW. 1/16 sec. cor.

23.30 Road, brs. NE. & SW.

Foot of descent, and leave scattered mesquite timber, brush and cactus.

Thence over level bottom land.

23.50 fence, brs. NE. & SW.

Enter cultivated land.

25.03 Set an iron post 1 in. dia., for 1/256 sec. cor. of sec. 23, stamped on cap

1/256 S 23 in center.
1915 in S.

Dig pits 18 x 18 x 12 ins. N. & S. of cor. 3 ft. dist.; and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high, W. of cor.

30.04 Set an iron post 1 in. dia., for 1/64 sec. cor. of sec. 23, stamped on cap

1/64 S 23 in center.
1915 in S.

Dig pits 18 x 18 x 12 ins. N. & S. of cor. 3 ft. dist.; and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high, W. of cor.

35.05 Set an iron post 1 in. dia., for 1/256 sec. cor. of sec. 23, stamped on cap

1/256 S 23 in center.
1915 in S.

Resurvey of Subdivision lines of T. 15 S., R. 13 E.

Chains

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

39.50 Fence, brs. E. & W.

40.06 The W. $1/16$ sec. cor. on $\frac{1}{4}$ sec. line of sec. 23.

March 17, 1915. At this cor. I set off $1^{\circ} 32' S.$ on decl. arc, and at apparent noon observe the sun on the meridian; the resulting lat. is $32^{\circ} 7'$ which is within $1'$ of the proper lat.

Thence from the W. $1/16$ ^{sec. cor.} on $\frac{1}{4}$ sec. line of sec. 23, I run

N. $0^{\circ} 21' W.$ on a random line through the middle of the NW. $\frac{1}{4}$ of sec. 23, setting temp. $1/64$ and $1/256$ sec. cors.

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

40.00 Fall 5 lks. E. of the W. $1/16$ sec. cor. bet. secs. 14 and 23.

(Move temp. NW. $1/16$ sec. cor. $2\frac{1}{2}$ lks. W.)

From the true point for the N. $1/16$ sec. cor. bet. secs. 22 and 23 (in Santa Cruz River) I run

N. $89^{\circ} 25' E.$ on a random line through the middle of the NW. $\frac{1}{4}$ of sec. 23, setting temp. $1/64$ and $1/256$ sec. cors.

20.00 Fall 2 lks. S. of temp. NW. $1/16$ sec. cor.

40.00 Fall 4 lks. S. of N. $1/16$ sec. cor. on $\frac{1}{4}$ sec. line of sec. 23.

(Therefore, temp. NW. $1/16$ sec. cor. is at the point for the NW. $1/16$ sec. cor.)

Thence I run

S. $89^{\circ} 22' W.$ on a true line through the middle of the NW. $\frac{1}{4}$ of sec. 23.

Over level open land.

2.90 Road, brs. NE. & SW.

4.20 Fence, brs. N. $30^{\circ} E.$ and S. $30^{\circ} W.$

Enter cultivated land.

5.00 Set an iron post 1 in. dia., for $1/256$ sec. cor. of sec. 23, stamped on cap

Resurvey of Subdivision lines of T. 15 S., R. 13 E.

| Chains | |
|--------|--|
| | <p>1/256 S 23 in center. 1915 in S.</p> <p>Dig pits 18 x 18 x 12 ins. E. & W. of cor. 3 ft. dist.; and raise a mound of earth 3½ ft. base, 1½ ft. high, N. of cor.</p> |
| 10.00 | <p>Set an iron post 1 in. dia., for 1/64 sec. cor. of sec. 23, stamped on cap</p> <p>1/64 S 23 in center. 1915 in S.</p> <p>Dig pits 18 x 18 x 12 ins. E. & W. of cor. 3 ft. dist.; and raise a mound of earth 3½ ft. base, 1½ ft. high, N. of cor.</p> |
| 15.00 | <p>Set an iron post 1 in. dia., for 1/256 sec. cor. of sec. 23, stamped on cap</p> <p>1/256 S 23 in center. 1915 in S.</p> <p>Dig pits 18 x 18 x 12 ins. E. & W. of cor. 3 ft. dist.; and raise a mound of earth 3½ ft. base, 1½ ft. high, N. of cor.</p> |
| 19.00 | <p>Fence, brs. E. & W.</p> <p>Leave cultivated land.</p> |
| 20.00 | <p>Set an iron post 1 in. dia., for NW, 1/16 sec. cor. of sec. 23, stamped on cap</p> <p>NW 1/16 S 23 in center. 1915 in S.</p> <p>Dig pits 18 x 18 x 12 ins. E. & W. of cor. 3 ft. dist.; and raise a mound of earth 3½ ft. base, 1½ ft. high, N. of cor.</p> |
| 20.90 | <p>Ditch, 5 lks. wide, course N.</p> |
| 25.00 | <p>Set an iron post 1 in. dia., for 1/256 sec. cor. of sec. 23, stamped on cap</p> <p>1/256 S 23 in center. 1915 in S.</p> <p>Dig pits 18 x 18 x 12 ins. E. & W. of cor. 3 ft. dist.; and raise a mound of earth 3½ ft. base, 1½ ft. high, N. of cor.</p> |
| 29.10 | <p>Transmission line, brs. N. & S.</p> |
| 29.70 | <p>Irrigation canal, 40 lks. wide, course N.</p> |
| 30.00 | <p>Set an iron post 1 in. dia., for 1/64 sec. cor. of sec. 23, stamped on cap</p> <p>1/64 S 23 in center. 1915 in S.</p> <p>Dig pits 18 x 18 x 12 ins. E. & W. of cor. 3 ft. dist.; and raise a mound of earth 3½ ft. base, 1½ ft. high, N. of cor.</p> |

Resurvey of Subdivision lines of T. 15 S., R. 13 W.

Chains

30.70

Fence, brs. E. & W.

Enter cultivated land.

35.00

Set an iron post 1 in. dia., for 1/256 sec. cor. & M.C.
on right bank of Santa Cruz River; out bank,
12 ft. high, course N., stamped on cap

N M C in W.
S 30 in N.
N. in E.
1/16 1915 in S.

Dig pit 36 x 36 x 12 ins. 8 ft. E. of cor.; and raise
a mound of earth 4 ft. base, 2 ft. high, E. of cor.

Thence across river.

40.00

The true point for the N. 1/16 sec. cor. bet. secs.
22 and 23 in Rio Santa Cruz.

Land, level bottom.
Soil, 1st rate.
No timber or brush.
Cultivated land, 19.10 chs.

Returning to the W. 1/16 sec. cor. on $\frac{1}{4}$ sec. line
of sec. 23, I run

N. 0° 25' W. on a true line through the middle of
the NW. $\frac{1}{4}$ of sec. 23.

Over level cultivated land.

5.00

Set an iron post 1 in dia., for 1/256 sec. cor. of
sec. 23, stamped on cap

1/256 S 23 in center.
1915 in S.

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

9.80

Fence, brs. E. & W.

10.00

Set an iron post 1 in. dia., for 1/64 sec. cor.
of sec. 23, stamped on cap

1/64 S 23 in center.
1915 in S.

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

15.00

Set an iron post 1 in. dia., for 1/256 sec. cor. of
sec. 23, stamped on cap

1/256 S 23 in center.
1915 in S.

Resurvey of Subdivision lines of T. 15 S., R. 13 E.

| Chains | |
|--------|---|
| | Dig pits 18 x 18 x 12 ins. N. & S. of cor. 3 ft. dist.; and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, W. of cor. |
| 19.60 | Fence brs. E. & W. |
| 19.80 | Road, brs. E. & W. |
| 20.00 | The NW. $1/16$ sec. cor. of sec. 23. |
| 20.05 | Fence, brs. E. & W. |
| 25.00 | Set an iron post 1 in. dia., for $1/256$ sec. cor., of sec. 23, stamped on cap 1/256 S 23 in center. 1915 in S. |
| | Dig pits 18 x 18 x 12 ins. N. & S. of cor. 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 | Set an iron post 1 in. dia., for $1/64$ sec. cor. of sec. 23, stamped on cap 1/64 S 23 in center. 1915 in S. |
| | Dig pits 18 x 18 x 12 ins. N. & S. of cor. 3 ft. dist.; and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, W. of cor. |
| 31.80 | Fence, brs. E. & W. |
| 35.00 | Set an iron post 1 in. dia., for $1/256$ sec. cor. of sec. 23, stamped on cap 1/256 S 23 in center. 1915 in S. |
| | Dig pits 18 x 18 x 12 ins. N. & S. of cor. 3 ft. dist.; and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, W. of cor. |
| 38.70 | Fence, brs. E. & W. |
| 40.00 | The W. $1/16$ sec. cor. bet. secs. 14 and 23. Land, level, cultivated. Soil, 1st rate. No timber or brush. |

March 17, 1915.

Feb. 17, 1915. At 8^h 0^m a.m., l.m.t., I set off $32^{\circ} 5'$ on lat. arc, and $12^{\circ} 11'$ S. on decl. arc, and determine a meridian with the solar at the reestablished S. C. of secs. 33 and 34, on S. bdy. of tp. previously described.

Thence I run

N. $0^{\circ} 13'$ W. on a true line bet. secs. 33 and 34.

Resurvey of Subdivision lines of T. 15 S., R. 13 E.

Chains

Over nearly level land, through scattered mesquite timber, mesquite brush and cactus.

40.05 The proportional point for the $\frac{1}{4}$ sec. cor. of secs. 33 and 34.

Set an iron post 1 in. dia., stamped on cap

$\frac{1}{4}$ in N.
S 33 in W.
S 34 in E.
1915 in S.

No suitable B. T.s available.

Dig pits 18 x 18 x 12 ins. N. & S. of cor. 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 Wash, 15 lks. wide, course NE.

80.09 The proportional point for the cor. of secs. 27, 28, 33 and 34.

Set an iron post 2 ins. dia., stamped on cap

T 15 S S 28 in NW.
R 13 E S 27 in NE.
S 34 in SE.
S 33 in SW.
1915 in S.

Dig pits 18 x 18 x 12 ins. in each sec. $5\frac{1}{2}$ ft. dist.; and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, W. of cor.

No B. T.s available.

Land, nearly level.

Soil, 2nd rate.

Timber, scattered mesquite, 80.09 chs.

Brush, mesquite and cactus, 80.09 chs.

Thence N. $89^{\circ} 58'$ E. on a true line bet. secs. 27 and 34.

Over nearly level land, sloping gradually towards E., through scattered mesquite timber; mesquite brush and cactus.

5.02 The proportional point for $1/256$ sec. cor. bet. secs. 27 and 34.

Set an iron post 1 in. dia., stamped on cap

$1/256$ in W.
S 27 in N.
S 34 1915 in S.

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

Resurvey of Subdivision lines of T. 15 S., R. 13 E.

| Chains | |
|--------|--|
| 10.05 | <p>The proportional point for 1/64 sec. cor. bet. secs. 27 and 34.</p> <p>Set an iron post 1 in. dia., stamped on cap</p> <p style="padding-left: 40px;">1/64 in W. S 27 in N. S 34 1915 in S.</p> |
| 13.00 | <p>Dig pits 18 x 18 x 12 ins. E. & W. of cor. 3 ft. dist.; and raise a mound of earth 3½ ft. base, 1½ ft. high, N. of cor.</p> |
| 13.30 | <p>Road, brs. N. 30° W. and S. 30° E. Fence, brs. N. 30° W. and S. 30° E.</p> |
| 15.07 | <p>The proportional point for the 1/256 sec. cor. bet. secs. 27 and 34.</p> <p style="padding-left: 40px;">1/256 in W. S 27 in N. S 34 1915 in S.</p> |
| | <p>Dig pits 18 x 18 x 12 ins. E. & W. of cor. 3 ft. dist.; and raise a mound of earth 3½ ft. base, 1½ ft. high, N. of cor.</p> |
| 20.09 | <p>The proportional point for the W. 1/16 sec. cor. bet. secs. 27 and 34.</p> <p>Set an iron post 1 in. dia., stamped on cap</p> <p style="padding-left: 40px;">W 1/16 in W. S 27 in N. S 34 1915 in S.</p> <p>Dig pits 18 x 18 x 12 ins. E. & W. of cor. 3 ft. dist.; and raise a mound of earth 3½ ft. base, 1½ ft. high, N. of cor.</p> <p>Feb. 17, 1915. At this cor. I set off 12° 8' S. on decl. arc, and at apparent noon, observe the sun on the meridian; the resulting lat. is 32° 6' which is the proper lat.</p> |
| 22.60 | <p>Wash, 10 lks. wide, course NE.</p> |
| 25.12 | <p>The proportional point for the 1/256 sec. cor. bet. secs. 27 and 34.</p> <p>Set an iron post 1 in. dia., stamped on cap</p> <p style="padding-left: 40px;">1/256 in W. S 27 in N. S 34 1915 in S.</p> |
| | <p>Dig pits 18 x 18 x 12 ins. E. & W. of cor. 3 ft. dist.; and raise a mound of earth 3½ ft. base, 1½ ft. high, N. of cor.</p> |
| 30.14 | <p>The proportional point for the 1/64 sec. cor. bet. secs. 27 and 34.</p> <p>Set an iron post 1 in. dia., stamped on cap</p> <p style="padding-left: 40px;">1/64 in W. S 27 in N. S 34 1915 in S.</p> |

Resurvey of Subdivision lines of T. 15 S., R. 13 E.

| Chains | |
|--------|---|
| 31.50 | Road, brs. N. 15° W. and S. 15° E. |
| 35.16 | The proportional point for 1/256 sec. cor. bet. secs. 27 and 34. |
| | Set an iron post 1 in. dia., stamped on cap $\frac{1}{256}$ in W. S 27 in N. S 34 1915 in S. |
| | Dig pits 18 x 18 x 12 ins. E. & W. of cor. 3 ft. dist.; and raise a mound of earth 3½ ft. base, 1½ ft. high, N. of cor. |
| 40.18 | The proportional point for the ¼ sec. cor. bet. secs. 27 and 34. |
| | Set an iron post 1 in. dia., stamped on cap $\frac{1}{4}$ in W. S 27 in N. S 34 1915 in S. |
| | Dig pits 18 x 18 x 12 ins. E. & W. of cor. 3 ft. dist.; and raise a mound of earth 3½ ft. base, 1½ ft. high, N. of cor. |
| 45.21 | The proportional point for 1/256 sec. cor. bet. secs. 27 and 34. |
| | Set an iron post 1 in. dia., stamped on cap $\frac{1}{256}$ in W. S 27 in N. S 34 1915 in S. |
| | Dig pits 18 x 18 x 12 ins. E. & W. of cor. 3 ft. dist.; and raise a mound of earth 3½ ft. base, 1½ ft. high, N. of cor. |
| 45.60 | Fence, brs. N. & S. |
| | Leave mesa land and brush; Enter level open bottom land. |
| 46.60 | Fence, brs. N. & S. |
| 48.60 | Fence, brs. N. 85° E. and S. 85° W. |
| 50.23 | The proportional point for 1/64 sec. cor. bet. secs. 27 and 34. |
| | Set an iron post 1 in. dia., stamped on cap $\frac{1}{64}$ in W. S 27 in N. S 34 1915 in S. |
| | Dig pits 18 x 18 x 12 ins. E. & W. of cor. 3 ft. dist.; and raise a mound of earth 3½ ft. base, 1½ ft. high, N. of cor. |

Resurvey of Subdivision lines of T. 15 S., R. 13 E.

| Chains | |
|--------|--|
| 55.25 | <p>The proportional point for $1/256$ sec. cor. bet. secs. 27 and 34.</p> <p>Set an iron post 1 in. dia., stamped on cap</p> <p style="padding-left: 40px;">$1/256$ in W. S 27 in N. S 34 1915 in S.</p> <p>Dig pits 18 x 18 x 12 ins. E. & W. of cor. 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> |
| 60.27 | <p>The proportional point for E. $1/16$ sec. cor. bet. secs. 27 and 34.</p> <p>Set an iron post 1 in. dia., stamped on cap</p> <p style="padding-left: 40px;">E $1/16$ in W. S 27 in N. S 34 1915 in S.</p> <p>Dig pits 18 x 18 x 12 ins. E. & W. of cor. 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> |
| 60.50 | Fence, brs. NW. & SE. Enter cultivated land. |
| 61.00 | Irrigation ditch, 10 lks. wide, course NW. |
| 65.30 | <p>The proportional point for $1/256$ sec. cor. bet. secs. 27 and 34.</p> <p>Set an iron post 1 in. dia., stamped on cap</p> <p style="padding-left: 40px;">$1/256$ in W. S 27 in N. S 34 1915 in S.</p> <p>Dig pits 18 x 18 x 12 ins. E. & W. of cor. 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> |
| 70.30 | Fence, brs. N. & S. |
| 70.32 | <p>The proportional point for $1/64$ sec. cor. bet. secs. 27 and 34.</p> <p>Set an iron post 1 in. dia., stamped on cap</p> <p style="padding-left: 40px;">$1/64$ in W. S 27 in N. S 34 1915 in S.</p> <p>Dig pits 18 x 18 x 12 ins. E. & W. of cor. 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> |
| 73.20 | Fence, brs. N. & S. |
| 75.34 | <p>The proportional point for $1/256$ sec. cor. bet. secs. 27 and 34.</p> <p style="padding-left: 40px;">$1/256$ in W. S 27 in N. S 34 1915 in S.</p> |

Resurvey of Subdivision lines of T. 15 S., R. 13 E.

Chains

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

80.36 The cor. of secs. 26, 27, 34 and 35.

Land, nearly level, 45.60 chs.;
level bottom, 34.96 chs.
Soil, 1st rate, 34.90 chs.;
2nd rate, 45.60 chs.
Timber, scattered mesquite trees, 45.60 chs.
Brush, mesquite and cactus, 45.60 chs.

Feb. 17, 1915.

March 6, 1915. At 8^h 0^m a.m., l.m.t., I set off
 $32^{\circ} 5'$ on lat. arc, and $5^{\circ} 54'$ S. on decl. arc,
and determine a meridian with the solar at the
Standard $\frac{1}{4}$ sec. cor. of sec. 34, on S. bdy. of
tp., previously described.

Thence I run

N. $0^{\circ} 5'$ ^{W.} on a random line through the middle of
sec. 34, setting temp. $1/16$, $1/64$ and $1/256$
sec. cors.

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

80.08 Fall 12 lks. E. of $\frac{1}{4}$ sec. cor. bet. secs. 27 and 34.
(Move temp. center $\frac{1}{4}$ sec. cor. 6 lks. W.)

From the $\frac{1}{4}$ sec. cor. bet. secs. 33 and 34, I run

N. $89^{\circ} 55'$ E. on a random line through the middle
of sec. 34.

40.16 Fall 2 lks. N. of temp. center $\frac{1}{4}$ sec. cor., thence
setting $1/16$, $1/64$ and $1/256$ sec. cors.

80.34 Fall 4 lks. S. of $\frac{1}{4}$ sec. cor. bet. secs. 34 and 35.
(Therefore, point for center $\frac{1}{4}$ sec. cor. is 4 lks.
N. $0^{\circ} 10'$ W. from temp. center $\frac{1}{4}$ sec. cor.)

Thence I run

S. $89^{\circ} 53'$ W. on a true line through the middle of
sec. 34.

Over level bottom land, through scattered mesquite
timber, dense mesquite brush and cactus.

5.02 Set an iron post 1 in. dia., for $1/256$ sec. cor.
of sec. 34, stamped on cap

$1/256$ S 34 in center.
1915 in S.

Resurvey of Subdivision lines of T. 15 S., R. 13 E.

Chains

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

10.04

Set an iron post 1 in. dia., for $1/64$ sec. cor. of
sec. 34, stamped on cap

$1/64$ S 34 in center.
1915 in S.

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

15.07

Set an iron post 1 in. dia., for $1/256$ sec. cor. of
sec. 34, stamped on cap

$1/256$ S 34 in center.
1915 in S.

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

20.09

Set an iron post 1 in. dia., for E. $1/16$ sec. cor. on
 $\frac{1}{4}$ sec. line, of sec. 34, stamped on cap

E $1/16$ in N.
 $\frac{1}{4}$ in E. & W.
S 34 1915 in S.

Dig pits 18 x 18 x 12 ins. E. & W. of cor. 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

Leave bottom land and dense brush.

Enter scattered brush over mesa land.

25.11

Set an iron post 1 in. dia., for $1/256$ sec. cor.
of sec. 34, stamped on cap

$1/256$ S 34 in center.
1915 in S.

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

30.13

Set an iron post 1 in. dia., for $1/64$ sec. cor. of
sec. 34, stamped on cap

$1/64$ S 34 in center.
1915 in S.

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

34.50

Road, Tucson to Nogales, brs. N. 30° W. and S. 30° E.

35.15

Set an iron post 1 in. dia., for $1/256$ sec. cor.
of sec. 34, stamped on cap

$1/256$ S 34 in center.
1915 in S.

Resurvey of Subdivision lines of T. 15 S., R. 13 E.

Chains

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

40.18 Set an iron post 1 in. dia., for the center $\frac{1}{4}$ sec. cor. of sec. 34, stamped on cap

C $\frac{1}{4}$ S 34 in center.
1915 in S.

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

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

56.70 Road, Tucson to Nogales, brs. N. 30° W. and S. 30° E.

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

Land, bottom, 22.50 chs.;
nearly level mesa, 67.84 chs.
Soil, 1st rate, 22.50 chs.;
2nd rate, 67.84 chs.
Timber, scattered mesquite, 80.34 chs.
Brush, mesquite and cactus, 80.34 chs.

March 6, 1915. At this cor. I set off 5° 51' S. on decl. arc, and at apparent noon observe the sun on the meridian; the resulting lat. is 32° 5 $\frac{1}{2}$ ' which is the proper lat.

Returning to the Standard $\frac{1}{4}$ sec. cor. of sec. 34, on S. bdy. of tp., I run

N. 0° 10' W. on a true line through the middle of sec. 34.

Over nearly level mesa land, through scattered mesquite timber, mesquite brush and cactus.

5.00 Set an iron post 1 in. dia., for $\frac{1}{256}$ sec. cor. of sec. 34, stamped on cap

$\frac{1}{256}$ S 34 in center.
1915 in S.

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

10.01 Set an iron post 1 in. dia., for $\frac{1}{64}$ sec. cor. of sec. 34, stamped on cap

$\frac{1}{64}$ S 34 in center.
1915 in S.

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

BOOK 3422

Resurvey of Subdivision lines of T. 15 S., R. 13 E.

Chains

- 15.01 Set an iron post 1 in. dia., for 1/256 sec. cor. of
of sec. 34, stamped on cap

1/256 S 34 in center.
1915 in S.

Dig pits 18 x 18 x 12 ins. N. & S. of cor. 3 ft. dist.;
and raise a mound of earth 3½ ft. base, 1½ ft. high,
W. of cor.
- 20.02 Set an iron post 1 in. dia., for the S. 1/16 sec. cor.
on ¼ sec. line, of sec. 34, stamped on cap

¼ in N.
S 1/16 S 34 in center.
¼ 1915 in S.

Dig pits 18 x 18 x 12 ins. N. & S. of cor. 3 ft. dist.;
and raise a mound of earth 3½ ft. base, 1½ ft. high,
W. of cor.
- 25.02 Set an iron post 1 in. dia., for 1/256 sec. cor. of
sec. 34, stamped on cap

1/256 S 34 in center.
1915 in S.

Dig pits 18 x 18 x 12 ins. N. & S. of cor. 3 ft. dist.;
and raise a mound of earth 3½ ft. base, 1½ ft. high,
W. of cor.
- 30.03 Set an iron post 1 in. dia., for 1/64 sec. cor. of
sec. 34, stamped on cap

1/64 S 34 in center.
1915 in S.

Dig pits 18 x 18 x 12 ins. N. & S. of cor. 3 ft. dist.;
and raise a mound of earth 3½ ft. base, 1½ ft. high,
W. of cor.
- 35.03 Set an iron post 1 in. dia., for 1/256 sec. cor. of
sec. 34, stamped on cap

1/256 S 34 in center.
1915 in S.

Dig pits 18 x 18 x 12 ins. N. & S. of cor. 3 ft. dist.;
and raise a mound of earth 3½ ft. base, 1½ ft. high,
W. of cor.
- 40.04 The center ¼ sec. cor. of sec. 34.
- 45.04 Set an iron post 1 in. dia., for 1/256 sec. cor. of
sec. 34, stamped on cap

1/256 S 34 in center.
1915 in S.

Dig pits 18 x 18 x 12 ins. N. & S. of cor. 3 ft. dist.;
and raise a mound of earth 3½ ft. base, 1½ ft. high,
W. of cor.
- 50.05 Set an iron post 1 in. dia., for 1/64 sec. cor. of
sec. 34, stamped on cap

1/64 S 34 in center.
1915 in S.

Resurvey of Subdivision lines of T. 15 S., R. 13 E.

Chains

- Dig pits 18 x 18 x 12 ins. N. & S. of cor. 3 ft. dist.;
and raise a mound of earth 3½ ft. base, 1½ ft. high,
W. of cor.
- 53.90 Road, Tucson to Nogales, brs. N. 30° W. and S. 30° E.
- 55.05 Set an iron post 1 in. dia., for 1/256 sec. cor. of
sec. 34, stamped on cap
1/256 S 34 in center.
1914 in S.
- Dig pits 18 x 18 x 12 ins. N. & S. of cor. 3 ft. dist.;
and raise a mound of earth 3½ ft. base, 1½ ft. high,
W. of cor.
- 57.30 Wood road, brs. E. & W.
- 60.06 Set an iron post 1 in. dia., for N. 1/16 sec. cor.
on ¼ sec. line of sec. 34, stamped on cap
¼ in N.
N 1/16 S 34 in center.
¼ 1915 in S.
- Dig pits 18 x 18 x 12 ins. N. & S. of cor. 3 ft. dist.;
and raise a mound of earth 3½ ft. base, 1½ ft. high,
W. of cor.
- 65.06 Set an iron post 1 in. dia., for 1/256 sec. cor. of
sec. 34, stamped on cap
1/256 S 34 in center.
1915 in S.
- Dig pits 18 x 18 x 12 ins. N. & S. of cor. 3 ft. dist.;
and raise a mound of earth 3½ ft. base, 1½ ft. high,
W. of cor.
- 70.07 Set an iron post 1 in. dia., for 1/64 sec. cor. of
sec. 34, stamped on cap
1/64 S 34 in center.
1915 in S.
- Dig pits 18 x 18 x 12 ins. N. & S. of cor. 3 ft. dist.;
and raise a mound of earth 3½ ft. base, 1½ ft. high,
W. of cor.
- 75.07 Set an iron post 1 in. dia., for 1/256 sec. cor.
of sec. 34, stamped on cap
1/256 S 34 in center.
1915 in S.
- Dig pits 18 x 18 x 12 ins. N. & S. of cor. 3 ft. dist.;
and raise a mound of earth 3½ ft. base, 1½ ft. high,
W. of cor.
- 80.08 The ¼ sec. cor. bet. secs. 27 and 34.
Land, nearly level mesa, 80.08 chs.
Soil, 2nd rate.
Timber, scattered mesquite, 80.08 chs.
Brush, mesquite and cactus, 80.08 chs.

March 6, 1915.

Resurvey of Subdivision lines of T. 15 S., R. 13 E.

Chains

March 8, 1915. At 8^h 0^m a.m., l.m.t., I set off 32° 5' on lat. arc, and 5° 7' on decl. arc, and determine a meridian with the solar at the Standard E. 1/16 sec. cor. of sec. 34, on S. bdy. of tp., previously described.

Thence -

N. 0° 5' W. on a random line through the SE. $\frac{1}{4}$ of sec. 34, setting temp. 1/16, 1/64 and 1/256 sec. cors.

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

40.04 Fall 2 lks. E. of the E. 1/16 sec. cor. on $\frac{1}{4}$ sec. line of sec. 34

(Move temp. SE. 1/16 sec. cor. 1 lk. W.)

From the S. 1/16 sec. cor. on $\frac{1}{4}$ sec. line of sec. 34, I run,

N. 89° 55' E. on a random line through the middle of the SE. $\frac{1}{4}$ of sec. 34, setting temp. 1/64 and 1/256 sec. cors.

20.08 Fall 1 $\frac{1}{2}$ lks. N. of the temp. SE. 1/16 sec. cor.

40.16 Fall 1 lk. S. of the S. 1/16 sec. cor. bet. secs. 34 and 35.

(Therefore, the point for the SE. 1/16 sec. cor. is 2 lks. N. 0° 7' W. from temp. SE. 1/16 sec. cor.)

Thence I run

S. 89° 54' W. on a true line through the middle of the SE. $\frac{1}{4}$ of sec. 34.

Over level bottom land, through scattered mesquite timber; dense mesquite brush and cactus.

5.02 Set an iron post 1 in. dia., for 1/256 sec. cor. of sec. 34, stamped on cap.

1/256 S 34 in center.
1915 in S.

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

10.04 Set an iron post 1 in. dia., for 1/64 sec. cor. of sec. 34, stamped on cap

1/64 S 34 in center.
1915 in S.

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

Resurvey of Subdivision lines of T. 15 S., R. 13 E.

Chains

- 15.06 Set an iron post 1 in. dia., for 1/256 sec. cor. of sec. 34, stamped on cap
 1/256 S 34 in center.
 1915 in S.
 Dig pits 18 x 18 x 12 ins. E. & W. of cor. 3 ft. dist.; and raise a mound of earth 3½ ft. base, 1½ ft. high, N. of cor.
- 20.08 Set an iron post 1 in. dia., for SE. 1/16 sec. cor. of sec. 34, stamped on cap
 SE 1/16 S 34 in center.
 1915 in S.
 Dig pits 18 x 18 x 12 ins. E. & W. of cor. 3 ft. dist.; and raise a mound of earth 3½ ft. base, 1½ ft. high, N. of cor.
 Also, leave bottom land and dense brush.
 Enter scattered brush.
 Thence over mesa land.
- 22.20 Road, Tucson to Nogales, brs. N. 30° W. and S. 30° E.
- 25.10 Set an iron post 1 in. dia., for 1/256 sec. cor. of sec. 34, stamped on cap
 1/256 S 34 in center.
 1915 in S.
 Dig pits 18 x 18 x 12 ins. E. & W. of cor. 3 ft. dist.; and raise a mound of earth 3½ ft. base, 1½ ft. high, N. of cor.
- 30.12 Set an iron post 1 in. dia., for 1/64 sec. cor. of sec. 34, stamped on cap
 1/64 S 34 in center.
 1915 in S.
 Dig pits 18 x 18 x 12 ins. E. & W. of cor. 3 ft. dist.; and raise a mound of earth 3½ ft. base, 1½ ft. high, N. of cor.
- 35.14 Set an iron post 1 in. dia., for 1/256 sec. cor. of sec. 34, stamped on cap
 1/256 S 34 in center.
 1915 in S.
- 40.16 The S. 1/16 sec. cor. on ¼ sec. line of sec. 34.
 Land, bottom, 20.08 chs.; mesa 20.08 chs.
 Soil, 1st rate, 20.08 chs.; 2nd rate 20.08 chs.
 Timber, scattered mesquite, 40.16 chs.
 Brush, mesquite and cactus, 40.16 chs.
-

Resurvey of Subdivision lines of T. 15 S., R. 12 E.

Chains

Returning to the Standard E. $1/16$ sec. cor. of sec. 34,
I run

N. $0^{\circ} 7'$ W. on a true line through the middle of the
SE. $\frac{1}{4}$ of sec. 34.

Over nearly level mesa land, through scattered
mesquite timber, mesquite brush and cactus.

5.00 Set an iron post 1 in. dia., for $1/256$ sec. cor. of
sec. 34, stamped on cap

$1/256$ S 34 in center.
1915 in S.

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

10.01 Set an iron post 1 in. dia., for $1/64$ sec. cor. of
sec. 34, stamped on cap

$1/64$ S 34 in center.
1915 in S.

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

10.40 Road, Tucson to Nogales, brs. N. 30° W. and S. 30° E.

15.01 Set an iron post 1 in. dia., for the $1/256$ sec. cor.
of sec. 34, stamped on cap

$1/256$ S 34 in center.
1915 in S.

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

17.50 Leave mesa land, brs. N. 15° W. and S. 15° E.

Enter level bottom and dense mesquite brush.

20.02 The SE. $1/16$ sec. cor.

25.02 Set an iron post 1 in. dia., for $1/256$ sec. cor.
of sec. 34, stamped on cap

$1/256$ S 34 in center.
1915 in S.

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

30.03 Set an iron post 1 in. dia., for $1/64$ sec. cor. of
sec. 34, stamped on cap

$1/64$ S 34 in center.
1915 in S.

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

Resurvey of Subdivision lines of T. 15 S., R. 12 E.

Chains

35.03 Set an iron post 1 in. dia., for 1/256 sec. cor. of sec. 34, stamped on cap

1/256 S 34 in center.
1915 in S.

Dig pits 18 x 18 x 12 ins. N. & S. of cor. 3 ft. dist.; and raise a mound of earth 3½ ft. base, 1½ ft. high, W. of cor.

40.04 The E. 1/16 sec. cor. on ¼ sec. line of sec. 34.

Land, mssa, 17.50 chs.; bottom 22.54 chs.
Soil, 1st rate, 22.54 chs.; 2nd rate 17.50 chs.
Timber, scattered mesquite, 40.04 chs.
Brush, mesquite and cactus, 40.04 chs.

May 8, 1915. At this cor. I set off 5° 4' S. on decl. arc, and at apparent noon observe the sun on the meridian; the resulting lat. is 32° 5½' which is the proper lat.

From the E. 1/16 sec. cor. on ¼ sec. line of sec. 34, I run

N. 0° 5' W. on a random line through the middle of the NE. ¼ of sec. 34, setting temp. 1/64 and 1/256 sec. cors.

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

40.04 Fall 1 lk. E. of the E. 1/16 sec. cor. bet. secs. 27 and 34.

(Move temp. NE. 1/16 sec. cor. ½ lk. W.)

From the N. 1/16 sec. cor. on ¼ sec. line of sec. 34, I run

N. 89° 53' E. on a random line through the middle of the NE. ¼ of sec. 34, setting temp. 1/64 and 1/256 sec. cors.

20.12 Fall ½ lk. N. of temp. NE. 1/16 sec. cor.

40.18 Fall 3 lks. S. of the N. 1/16 sec. cor. bet. secs. 34 and 35.

(Therefore, the point for the NE. 1/16 sec. cor. is 2 lks. N. 0° 6' W. from the temp. NE. 1/16 sec. cor.)

Thence I run

S. 89° 56' W. on a true line through the middle of the NE. ¼ of sec. 34.

Resurvey of Subdivision lines of T. 15 S., R. 13 E.

Chain

Over level bottom land, through scattered mesquite timber, dense mesquite brush and cactus.

5.01 Set an iron post 1 in. dia., for 1/256 sec. cor. of sec. 34, stamped on cap

1/256 S 34 in center.
1915 in S.

Dig pits 18 x 18 x 12 ins. E. & W. of cor. 3 ft. dist.; and raise a mound of earth 3½ ft. base, 1½ ft. high, N. of cor.

8.20 Wood road, brs. N. 80° W. and S. 80° E.

10.03 Set an iron post 1 in. dia., for 1/64 sec. cor. of sec. 34, stamped on cap

1/64 S 34 in center.
1915 in S.

Dig pits 18 x 18 x 12 ins. E. & W. of cor. 3 ft. dist.; and raise a mound of earth 3½ ft. base, 1½ ft. high, N. of cor.

15.04 Set an iron post 1 in. dia., for 1/256 sec. cor. of sec. 34, stamped on cap

1/256 S 34 in center.
1915 in S.

Dig pits 18 x 18 x 12 ins. E. & W. of cor. 3 ft. dist.; and raise a mound of earth 3½ ft. base, 1½ ft. high, N. of cor.

20.06 Set an iron post 1 in. dia., for the NE. 1/16 sec. cor. of sec. 34, stamped in cap

NE 1/16 S 34 in center.
1915 in S.

Dig pits 18 x 18 x 12 ins. E. & W. of cor. 3 ft. dist.; and raise a mound of earth 3½ ft. base, 1½ ft. high, N. of cor.

25.09 Set an iron post 1 in. dia., for 1/256 sec. cor. of sec. 34, stamped on cap

1/256 S 34 in center.
1915 in S.

Dig pits 18 x 18 x 12 ins. E. & W. of cor. 3 ft. dist.; and raise a mound of earth 3½ ft. base, 1½ ft. high, N. of cor.

27.40 Wood road, brs. S. 80° W. and N. 80° E.

Also, leave bottom land and dense brush.

Enter scattered brush and mesa land.

30.12 Set an iron post 1 in. dia., for 1/64 sec. cor. of sec. 34, stamped on cap

1/64 S 34 in center.
1915 in S.

Resurvey of Subdivision lines of T. 15 S., R. 13 E.

Chains

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

35.15 Set an iron post 1 in. dia., for $1/256$ sec. cor. of
sec. 34, stamped on cap

$1/256$ S 34 in center.
1915 in S.

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

40.18 The N. $1/16$ sec. cor. on $\frac{1}{4}$ sec. line of sec. 34.

Land, bottom, 27.40 chs.; mesa 12.78 chs.
Soil, 1st rate, 27.40 chs.; 2nd rate, 12.78 chs.
Timber, scattered mesquite, 40.18 chs.
Brush, mesquite and cactus, 40.18 chs.

Returning to the E. $1/16$ sec. cor. on $\frac{1}{4}$ sec. line of
sec. 34.

Thence I run

N. $0^{\circ} 6'$ W. on a true line, through the middle of
the NE. $\frac{1}{4}$ of sec. 34.

Over level bottom land, through scattered mesquite
timber, mesquite brush and cactus.

1.20 Wood road, brs. E. & W.

5.00 Set an iron post 1 in. dia., for $1/256$ sec. cor.
of sec. 34, stamped on cap

$1/256$ S 34 in center.
1915 in S.

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

10.01 Set an iron post 1 in. dia., for $1/64$ sec. cor. of
sec. 34, stamped on cap

$1/64$ S 34 in center.
1915 in S.

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

15.01 Set an iron post 1 in. dia., for $1/256$ sec. cor. of
sec. 34, stamped on cap

$1/256$ S 34 in center.
1915 in S.

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

Revised 1922

Resurvey of Subdivision lines of T. 15 S., R. 13 E.

Chains

20.02 The NE. 1/16 sec. cor.

21.40 Wood road, brs. E. & W.

25.02 Set an iron post 1 in. dia., for 1/256 sec. cor. of sec. 34, stamped on cap

1/256 S 34 in center.
1915 in S.

Dig pits 18 x 18 x 12 ins. N. & S. of cor. 3 ft. dist.; and raise a mound of earth 3½ ft. base, 1½ ft. high, W. of cor.

30.03 Set an iron post 1 in. dia., for 1/64 sec. cor. of sec. 34, stamped on cap

1/64 S 34 in center.
1915 in S.

Dig pits 18 x 18 x 12 ins. N. & S. of cor. 3 ft. dist.; and raise a mound of earth 3½ ft. base, 1½ ft. high, W. of cor.

35.03 Set an iron post 1 in. dia., for 1/256 sec. cor. of sec. 34, stamped on cap

1/256 S 34 in center.
1915 in S.

Dig pits 18 x 18 x 12 ins. N. & S. of cor. 3 ft. dist.; and raise a mound of earth 3½ ft. base, 1½ ft. high, W. of cor.

40.04 The E. 1/16 sec. cor. bet. secs. 27 and 34.

Land, bottom.

Soil, 1st rate.

Timber, scattered mesquite, 40.04 chs.

Brush, mesquite and cactus, 40.04 chs.

May 8, 1915.

Feb. 18, 1915. At 8h 0m a.m., l.m.t., I set off 32° 6' on lat. arc, and 11° 50' S. on decl. arc, and determine a meridian with the solar at the cor. of secs. 27, 28, 33 and 34.

Thence I run

N. 1° 29' E. on a true line bet. secs. 27 and 28.

Over nearly level land, through mesquite brush, cactus and scattered mesquite trees.

5.00 The proportional point for 1/256 sec. cor. bet. secs. 27 and 28.

Set an iron post 1 in. dia., stamped on cap

1/256 in N.
S 28 in W.
S 27 in E.
1915 in S.

Resurvey of Subdivision lines of T. 15 S., R. 13 E.

Chains

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

10.01 The proportional point for $1/64$ sec. cor. bet.
secs. 27 and 28.

Set an iron post 1 in. dia., stamped on cap

$1/64$ in N.
S 28 in W.
S 27 in E.
1915 in S.

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

15.01 The proportional point for $1/256$ sec. cor. bet.
secs. 27 and 28.

Set an iron post 1 in. dia., stamped on cap

$1/256$ in N.
S 28 in W.
S 27 in E.
1915 in S.

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

20.02 The proportional point for the S. $1/16$ sec. cor. bet.
secs. 27 and 28.

Set an iron post 1 in. dia., stamped on cap

S $1/16$ in N.
S 28 in W.
S 27 in E.
1915 in S.

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

25.03 The proportional point for $1/256$ sec. cor. bet.
secs. 27 and 28.

Set an iron post 1 in. dia., stamped on cap

$1/256$ in N.
S 28 in W.
S 27 in E.
1915 in S.

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

26.50 Junction of roads, brs. NW., NE. & SE.

30.03 The proportional point for $1/64$ sec. cor. bet.
secs. 27 and 28.

Set an iron post 1 in. dia., stamped on cap

Resurvey of Subdivision lines of T. 15 S., R. 13 E.

Chains

1/64 in N.
S 28 in W.
S 27 in E.
1915 in S.

Dig pits 18 x 18 x 12 ins. N. & S. of cor. 3 ft. dist.;
and raise a mound of earth 3½ ft. base, 1½ ft. high,
W. of cor.

35.04 The proportional point for 1/256 sec. cor. bet.
secs. 27 and 28.

Set an iron post 1 in. dia., stamped on cap

1/256 in N.
S 28 in W.
S 27 in E.
1915 in S.

Dig pits 18 x 18 x 12 ins. N. & S. of cor. 3 ft. dist.;
and raise a mound of earth 3½ ft. base, 1½ ft. high,
W. of cor.

39.30 Road, brs. NE. & SW.

39.80 Road, brs. NW. & SE.

40.05 The proportional point for ¼ sec. cor. bet. secs.
27 and 28.

Set an iron post 1 in. dia., stamped on cap

¼ in N.
S 28 in W.
S 27 in E.
1915 in S.

Dig pits 18 x 18 x 12 ins. N. & S. of cor. 3 ft. dist.;
and raise a mound of earth 3½ ft. base, 1½ ft. high,
W. of cor.

45.05 The proportional point for 1/256 sec. cor. bet.
secs. 27 and 28.

Set an iron post 1 in. dia., stamped on cap

1/256 in N.
S 28 in W.
S 27 in E.
1915 in S.

Dig pits 18 x 18 x 12 ins. N. & S. of cor. 3 ft. dist.;
and raise a mound of earth 3½ ft. base, 1½ ft. high,
W. of cor.

Begin ascent of small rocky hill.

50.06 The proportional point for 1/64 sec. cor. bet.
secs. 27 and 28.

Set an iron post 1 in. dia., stamped on cap

1/64 in N.
S 28 in W.
S 27 in E.
1915 in S.

Resurvey of Subdivision lines of T. 15 S., R. 13 E.

Chains

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

55.06 The proportional point for $1/256$ sec. cor. bet. secs. 27 and 28.

Set an iron post 1 in. dia., stamped on cap

$1/256$ in N.
S 28 in W.
S 27 in E.
1915 in S.

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

Also, top of small hill.

Begin descent.

60.07 The proportional point for N. $1/16$ sec. cor. bet. secs. 27 and 28

Set an iron post 1 in. dia., stamped on cap

N $1/16$ in N.
S 28 in W.
S 27 in E.
1915 in S.

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

62.50 Foot of descent, brs. E. & W. Thence level.

65.07 The proportional point for $1/256$ sec. cor. bet. secs. 27 and 28.

Set an iron post 1 in. dia., stamped on cap

$1/256$ in N.
S 28 in W.
S 27 in E.
1915 in S.

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

70.08 The proportional point for $1/64$ sec. cor. bet. secs. 27 and 28.

Set an iron post 1 in. dia., stamped on cap

$1/64$ in N.
S 28 in W.
S 27 in E.
1915 in S.

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

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

75.08 The proportional point for $1/256$ sec. cor. bet. secs. 27 and 28.

Set an iron post 1 in. dia., stamped on cap

Resurvey of Subdivision lines of T. 15 S., R. 13 E.

Chains

1/256 in N.
S 28 in W.
S 27 in E.
1915 in S.

Raise a mound of stone 2 ft. base, 1½ ft. high, W. of cor.

79.90

Road, brs. NE. & SW.

80.09

The proportional point for the cor. of secs. 21, 22, 27 and 28.

Set an iron post 2 ins. dia., stamped on cap

T 15 S S 21 in NW.
R 13 E S 22 in NE.
S 27 in SE.
S 28 in SW.

1915 in S.

Raise a mound of stone 2 ft. base, 1½ ft. high, W. of cor.

Land, nearly level, 62.68 chs.; rolling 17.44 chs.
Soil, 2nd rate, 62.68 chs., 3rd rate rocky, 17.44 chs.
Brush, mesquite and cactus, 80.12 chs.
No timber, a few scattered mesquite trees only.

Feb. 18, 1915. At this cor. I set off 11° 47' S. on decl. arc, and at apparent noon observe the sun on the meridian; the resulting lat. is 32° 7' which is the proper lat.

(The principal Papago Village, of probably 50 or 60 houses, is within a radius of 15 chs. NW., NE. and SE. of this cor.)

Thence S. 89° 57' E. on a true line bet. secs. 22 and 27.

Over nearly level land, sloping towards E.; scattered mesquite brush and cactus.

.10

Road, course NE. & SW.

2.40

Begin ascent of small knoll.

3.40

Top of ascent; begin descent of small knoll.

4.99

The proportional point for 1/256 sec. cor. bet. secs. 22 and 27.

Set an iron post 1 in. dia., stamped on cap

1/256 in W.
S 22 in N.
S 27 1915 in S.

Raise a mound of stone 2 ft. base, 1½ ft. high, W. of cor.

9.98

The proportional point for 1/64 sec. cor. bet. secs. 22 and 27.

Resurvey of Subdivision lines of T. 15 S., R. 13 E.

Chains

Set an iron post 1 in. dia., stamped on cap

1/64 in W.
S 22 in N.
S 27 1915 in S.

Raise a mound of stone 2 ft. base, 1½ ft. high, W. of cor.

Theme over nearly level land.

14.96 The proportional point for 1/256 sec. cor. bet. secs. 22 and 27.

Set an iron post 1 in. dia., stamped on cap

1/256 in W.
S 22 in N.
S 27 1915 in S.

Raise a mound of stone 2 ft. base, 1½ ft. high, W. of cor.

17.50 Road, brs. NW. & SE.

18.70 Road, brs. N. & S.

19.10 Fence, brs. N. & S.

Leave scattered brush; enter cultivated land.

19.95 The proportional point for W. 1/16 sec. cor. bet. secs. 22 and 27.

Set an iron post 1 in. dia., stamped on cap

W 1/16 in W.
S 22 in N.
S 27 1915 in S.

From which a

Mesquite 5 ins. dia., brs. S. 19¼° W., 77 lks. dist., mkd. W 1/16 S 27 B T.

Umbrella tree 10 ins. dia., brs. N. 40° W., 55 lks. dist.; mkd. W 1/16 S 22 B T.

24.94 The proportional point for 1/256 sec. cor. bet. secs. 22 and 27.

Set an iron post 1 in. dia., stamped on cap

1/256 in W.
S 22 in N.
S 27 1915 in S.

Dig pits 18 x 18 x 12 ins. E. & W. of cor. 3 ft. dist.; and raise a mound of earth 3½ ft. base, 1½ ft. high, N. of cor.

29.93 The proportional point for 1/64 sec. cor. bet. secs. 22 and 27.

Set an iron post 1 in. dia., stamped on cap

1/64 in W.
S 22 in N.
S 27 1915 in S.

Resurvey of Subdivision lines of T. 15 S., R. 13 E.

| | |
|--------|---|
| Chains | |
| 31.30 | Irrigation canal, 10 lks. wide, course N. |
| 34.91 | The proportional point for 1/256 sec. cor. bet. secs. 22 and 27. Set an iron post 1 in. dia., stamped on cap 1/256 in W. S 22 in N. S 27 1915 in S. Dig pits 18 x 18 x 12 ins. E. & W. of cor. 3 ft. dist.; and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high, N. of cor. |
| 39.90 | The proportional point for 1/4 sec. cor. bet. secs. 22 and 27. Set an iron post 1 in. dia., stamped on cap 1/4 in W. S 22 in N. S 27 1915 in S. From which a Mesquite 8 ins. dia., brs. N. 61° E., 84 lks. dist., mkd. 1/4 S 22 B T. Mesquite 5 ins. dia., brs. S. 54 1/4° E., 104 lks. dist., mkd. 1/4 S 27 B T. |
| 40.70 | Fence, brs. N. & S. |
| 40.90 | Road, brs. N. & S. |
| 41.20 | Intersect W. bdy. of "Rancho de Martinez" at a point 8.08 chs. S. 5° 15' E., from cor. #1. Set an iron post 2 ins. dia., stamped on cap C C in W. T 15 S S 22 in NW. R 13 E S 27 in SW. R M in E. 1915 in S. From which a Mesquite 15 ins. dia., brs. S. 11° E., 34 lks. dist.; mkd. T 15 S R 13 E S 27 C C B T. Mesquite 10 ins. dia., brs. N. 5 1/4° E., 28 lks. dist.; mkd. T 15 S R 13 E S 22 C C B T. (Cor. set in fence line, bearing N. & S.) Thence across "Rancho de Martinez" on a blank line. |
| 59.86 | The proportional point for the E. 1/16 sec. cor. bet. secs. 22 and 27. Set temp. cor. only. |
| 79.81 | The cor. of secs. 22, 23, 26 and 27. Land, nearly level, 19.10 chs.; level bottom, 60.71 chs. Soil, 2nd rate, 19.10 chs.; 1st rate, 60.71 chs. Mesquite brush and cactus, 19.10 chs. No timber. |

Feb. 18, 1915.

Resurvey of Subdivision lines of T. 15 S., R. 13 E.

Chains

March 12, 1915. At 8^h 0^m a.m., l.m.t., I set off 32° 6' on lat. arc, and 3° 33' S. on decl. arc, and determine a meridian with the solar at the $\frac{1}{4}$ sec. cor. bet. secs. 27 and 34.

Thence I run

N. 1° 4' E. on a random line through the middle of sec. 27, setting temp. 1/16, 1/64 and 1/256 sec. cors.

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

80.16 Fall 32 lks. W. of $\frac{1}{4}$ sec. cor. bet. secs. 22 and 27.
(Move temp. center $\frac{1}{4}$ sec. cor., 16 lks. E.)

From $\frac{1}{4}$ sec. cor. bet. secs. 27 and 28, I run

N. 89° 58'^E on a random line through the middle of sec. 27, setting temp. 1/16, 1/64 and 1/256 sec. cors.

40.04 Fall 11 $\frac{1}{2}$ lks. N. of temp. center $\frac{1}{4}$ sec. cor.

80.10 Fall 7 lks. N. of $\frac{1}{4}$ sec. cor. bet. secs. 26 and 27.
(Therefore, the point for the center $\frac{1}{4}$ sec. cor. is 8 lks. N. 1° 18' E. from temp. center $\frac{1}{4}$ sec. cor.)

Thence I run N. 89° 59' W. on a true line through the middle of sec. 27.

Over level bottom land, along S. side of road.

5.01 Set an iron post 1 in. dia., for 1/256 sec. cor. of sec. 27, stamped on cap

1/256 S 27 in center.
1915 in S.

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

10.02 Set an iron post 1 in. dia., for 1/64 sec. cor. of sec. 27, stamped on cap

1/64 S 27 in center.
1915 in S.

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

15.02 Set an iron post 1 in. dia., for 1/256 sec. cor. of sec. 27, stamped on cap

1/256 S 27 in center.
1915 in S.

Resurvey of Subdivision lines of T. 15 S., R. 13 E.

Chains

20.03

Set an iron post 1 in. dia., for E. 1/16 sec. cor.
on $\frac{1}{4}$ sec. line of sec. 27, stamped on cap

$\frac{1}{4}$ in E. & W.
E 1/16 in N.
S 36 1915 in S.

Flush with ground in road bearing N. & E. Pits and mound impracticable.

20.30

Fence, brs. N. & S.

Enter cultivated land.

25.04

Set an iron post 1 in. dia., for 1/256 sec. cor.
of sec. 27, stamped on cap

1/256 S 27 in center.
1915 in S.

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

30.05

Set an iron post 1 in. dia., for 1/64 sec. cor.
of sec. 27, stamped on cap

1/64 S 27 in center.
1915 in S.

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

30.10

Irrigation ditch, 5 lks. wide, course N.

35.05

Set an iron post 1 in. dia., for 1/256 sec. cor. of
sec. 27, stamped on cap

1/256 S 27 in center.
1915 in S.

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

36.90

Fence, brs. N. & S.

40.06

Set an iron post 1 in. dia., for center $\frac{1}{4}$ sec. cor.
of sec. 27, stamped on cap

C $\frac{1}{4}$ S 27 in center.
1915 in S.

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

March 12, 1915. At this cor. I set off $3^{\circ} 30'$ S.
on decl. arc, and at apparent noon observe the sun
on the meridian; the resulting lat. is $32^{\circ} 6\frac{1}{2}'$ which
is the proper lat.

43.30

Fence, brs. N. & S.

Resurvey of Subdivision lines of T. 15 S., R. 13 E.

Chains

- 43.90 Ditch, 5 lks. wide, course N.
- 45.07 Set an iron post 1 in. dia., for 1/256 sec. cor. of sec. 27, stamped on cap
 1/256 S 27 in center.
 1915 in S.
 Dig pits 18 x 18 x 12 ins. E. & W. of cor. 3 ft. dist.; and raise a mound of earth 3½ ft. base, 1½ ft. high, N. of cor.
- 50.07 Set an iron post 1 in. dia., for 1/64 sec. cor. of sec. 27, stamped on cap
 1/64 S 27 in center.
 1915 in S.
 Dig pits 18 x 18 x 12 ins. E. & W. of cor. 3 ft. dist.; and raise a mound of earth 3½ ft. base, 1½ ft. high, N. of cor.
- 54.90 Fence, brs. N. 15° W. and S. 15° E.
 Leave level ^{cultivated} bottom land; enter mesa land, scattered mesquite timber, brush and cactus.
- 55.08 Set an iron post 1 in. dia., for 1/256 sec. cor. of sec. 27, stamped on cap
 1/256 S 27 in center.
 1915 in S.
 Dig pits 18 x 18 x 12 ins. E. & W. of cor. 3 ft. dist.; and raise a mound of earth 3½ ft. base, 1½ ft. high, N. of cor.
- 55.10 Road, Tucson to Nogales, brs. N. & S.
- 60.08 Set an iron post 1 in. dia., for W. 1/16 sec. cor. on ¼ sec. line of sec. 27, stamped on cap
 ¼ in W. & E.
 W 1/16 in N.
 S 27 1915 in S.
 Dig pits 18 x 18 x 12 ins. E. & W. of cor. 3 ft. dist.; and raise a mound of earth 3½ ft. base, 1½ ft. high, N. of cor.
- 65.09 Set an iron post 1 in. dia., for 1/256 sec. cor. of sec. 27, stamped on cap
 1/256 S 27 in center.
 1915 in S.
 Dig pits 18 x 18 x 12 ins. E. & W. of cor. 3 ft. dist.; and raise a mound of earth 3½ ft. base, 1½ ft. high, N. of cor.
- 70.09 Set an iron post 1 in. dia., for 1/64 sec. cor. of sec. 27, stamped on cap
 1/64 S 27 in center.
 1915 in S.

Resurvey of Subdivision lines of T. 15 S., R. 13 E.

Chains

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

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

74.60 Wood road, brs. N. & S.

75.10 Set an iron post 1 in. dia., for $1/256$ sec. cor. of
sec. 27, stamped on cor.

$1/256$ S 27 in center.
1915 in S.

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

78.50 Wood road, brs. N. 60° E. and S. 60° W.

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

Land, level cultivated bottom, 54.90 chs.
nearly level mesa land, 25.20 chs.
Soil, 1st rate 54.90 chs.; 2nd rate 25.20 chs.
Scattered mesquite timber, brush and cactus, 25.20 chs.

Returning to the $\frac{1}{4}$ sec. cor. bet. secs. 27 and 34,
I run

N. $1^{\circ} 18'$ E. on a true line through the middle of
sec. 27.

Over nearly level mesa land, through scattered
mesquite timber, brush and cactus.

5.01 Set an iron post 1 in. dia., for $1/256$ sec. cor. of
sec. 27, stamped on cap

$1/256$ S 27 in center.
1915 in S.

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

9.70 Fence, brs. NW. & SE.

Leave mesa land and brush; enter cultivated land.

10.02 Set an iron post 1 in. dia., for $1/64$ sec. cor. of
sec. 27, stamped on cap

$1/64$ S 27 in center.
1915 in S.

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

15.03 Set an iron post 1 in. dia., for $1/256$ sec. cor. of
sec. 27, stamped on cap

Resurvey of Subdivision lines of T. 15 S., R. 13 E.

Chains

- 1/256 S 27 in center.
1915 in S.
- Dig pits 18 x 18 x 12 ins. N. & S. of cor. 3 ft. dist.;
and raise a mound of earth 3½ ft. base, 1½ ft. high,
W. of cor.
- 19.20 Fence, brs. E. & W.
- 20.04 Set an iron post 1 in. dia., for S. 1/16 sec. cor.
on ¼ sec. line of sec. 27, stamped on cap
¼ in N.
S 1/16 S 27 in center.
¼ 1915 in S.
- Dig pits 18 x 18 x 12 ins. N. & S. of cor. 3 ft. dist.;
and raise a mound of earth 3½ ft. base, 1½ ft. high,
W. of cor.
- 25.05 Set an iron post 1 in. dia., for 1/256 sec. cor. of
sec. 27, stamped on cap
1/256 S 27 in center.
1915 in S.
- Dig pits 18 x 18 x 12 ins. N. & S. of cor. 3 ft. dist.;
and raise a mound of earth 3½ ft. base, 1½ ft. high,
W. of cor.
- 30.00 Ditch, 5 lks. wide, course N. 30° W.
- 30.06 Set an iron post 1 in. dia., for 1/64 sec. cor. of
sec. 27, stamped on cap
1/64 S 27 in center.
1915 in S.
- Dig pits 18 x 18 x 12 ins. N. & S. of cor. 3 ft. dist.;
and raise a mound of earth 3½ ft. base, 1½ ft. high,
W. of cor.
- 35.07 Set an iron post 1 in. dia., for 1/256 sec. cor. of
sec. 27, stamped on cap
1/256 S 27 in center.
1915 in S.
- Dig pits 18 x 18 x 12 ins. N. & S. of cor. 3 ft. dist.;
and raise a mound of earth 3½ ft. base, 1½ ft. high,
W. of cor.
- 40.08 The center ¼ sec. cor. of sec. 27.
- 40.40 Fence, brs. E. & W.
- 45.09 Set an iron post 1 in. dia., for 1/256 sec. cor. of
sec. 27, stamped on cap
1/256 S 27 in center.
1915 in S.
- Dig pits 18 x 18 x 12 ins. N. & S. of cor. 3 ft. dist.;
and raise a mound of earth 3½ ft. base, 1½ ft. high,
W. of cor.
- 50.00 Fence, brs. E. & W.
- 50.10 Set an iron post 1 in. dia., for 1/64 sec. cor. of
sec. 27, stamped on cap

BOOK 8122

Resurvey of Subdivision lines of T. 15 S., R. 13 E.

Chains

- 1/64 S 27 in center.
1915 in S.
- Dig pits 18 x 18 x 12 ins. N. & S. of cor. 3 ft. dist.;
and raise a mound of earth 3½ ft. base, 1½ ft. high,
W. of cor.
- 55.11 Set an iron post 1 in. dia., for 1/256 sec. cor. of
sec. 27, stamped on cap
- 1/256 S 27 in center.
1915 in S.
- Dig pits 18 x 18 x 12 ins. N. & S. of cor. 3 ft. dist.;
and raise a mound of earth 3½ ft. base, 1½ ft. high,
W. of cor.
- 60.12 Set an iron post 1 in. dia., for the N. 1/16 sec. cor. on
¼ sec. line of sec. 27, stamped on cap
¼ in N. & S.
N 1/16 S 27 in center.
1915 in S.
- Dig pits 18 x 18 x 12 ins. N. & S. of cor. 3 ft. dist.;
and raise a mound of earth 3½ ft. base, 1½ ft. high,
W. of cor.
- 60.20 Fence, brs. E. & W.
- 63.70 Fence, brs. E. & W.
- 65.13 Set an iron post 1 in. dia., for 1/256 sec. cor. of
sec. 27, stamped on cap
- 1/256 S 27 in center.
1915 in S.
- Dig pits 18 x 18 x 12 ins. N. & S. of cor. 3 ft. dist.;
and raise a mound of earth 3½ ft. base, 1½ ft. high,
W. of cor.
- 70.14 Set an iron post 1 in. dia., for 1/64 sec. cor. of
sec. 27, stamped on cap
- 1/64 S 27 in center.
1915 in S.
- 71.30 Fence, brs. E. & W.
- 71.80 Road, brs. E. & W.
- 72.10 Fence, brs. E. & W.
- 75.15 Set an iron post 1 in. dia., for 1/256 sec. cor. of
sec. 27, stamped on cap
- 1/256 S 27 in center.
1915 in S.
- Dig pits 18 x 18 x 12 ins. N. & S. of cor. 3 ft. dist.;
and raise a mound of earth 3½ ft. base, 1½ ft. high,
W. of cor.
- 79.10 Fence, brs. E. & W.
- 80.16 The ¼ sec. cor. bet. secs. 22 and 27.

Resurvey of Subdivision lines of T. 15 S., R. 13 E.

Chairs

Land, mesa 9.70 chs.; cultivated bottom, 70.46 chs.
Soil, 2nd rate, 9.70 chs.; 1st rate 70.46 chs.
Scattered mesquite timber, brush and cactus, 9.70 chs.

March 12, 1915.

March 13, 1915. At 8^h 0^m a.m., l.m.t., I set off
32° 6' on lat. arc, and 3° 10' S. on decl. arc,
and determine a meridian with the solar at the
E. 1/16 sec. cor. bet. secs. 27 and 34.

Thence I run

N. 1° 4' E. on a random line through the middle
of the SE. $\frac{1}{4}$ of sec. 27, setting temp. 1/64 and
1/256 sec. cors.

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

40.06 Fall 6 lks. W. of E. 1/16 sec. cor. on $\frac{1}{4}$ sec. line of
sec. 27.

(Move temp. SE. 1/16 sec. cor. 3 lks. E.)

From the S. 1/16 sec. cor. on $\frac{1}{4}$ sec. line of sec. 27,
I run

N. 89° 58' E. on a random line through the middle
of the SE. $\frac{1}{4}$ of sec. 27, setting temp. 1/64 and 1/256
sec. cors.

20.08 Fall 5 lks. N. of temp. SE. 1/16 sec. cor.

40.12 Fall 2 lks. N. of S. 1/16 sec. cor. bet. secs. 26
and 27.

(Therefore, the point for the SE. 1/16 sec. cor.
is 4 lks. N. 1° 9' E. from the temp. SE. 1/16
sec. cor.)

Thence I run W. on a true line through the middle of
the SE. $\frac{1}{4}$ of sec. 27.

Over level cultivated land.

.30 Fence, brs. N. & S.

5.01 Set an iron post 1 in. dia., for 1/256 sec. cor. of
sec. 27, stamped on cap

1/256 S 27 in center.
1915 in S.

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

Resurvey of Subdivision lines of T. 15 S., R. 13 E.

| Chains | |
|--------|---|
| 8.70 | Fence, brs. N. & S. |
| 10.02 | <p>Set an iron post 1 in. dia., for 1/64 sec. cor. of sec. 27, stamped on cap</p> <p>1/64 S 27 in center. 1915 in S.</p> |
| | <p>Dig pits 18 x 18 x 12 ins. E. & W. of cor. 3 ft. dist.; and raise a mound of earth 3½ ft. base, 1½ ft. high, N. of cor.</p> |
| 15.03 | <p>Set an iron post 1 in. dia., for 1/256 sec. cor. of sec. 27, stamped on cap</p> <p>1/256 S 27 in center. 1915 in S.</p> |
| | <p>Dig pits 18 x 18 x 12 ins. E. & W. of cor. 3 ft. dist.; and raise a mound of earth 3½ ft. base, 1½ ft. high, N. of cor.</p> |
| 19.80 | Ditch, 5 lks. wide, course N. |
| 19.90 | Fence, brs. N. & S. |
| 20.04 | <p>Set an iron post 1 in. dia., for SE, 1/16 sec. cor. of sec. 27, stamped on cap</p> <p>SE 1/16 S 27 in center. 1915 in S.</p> |
| | <p>Dig pits 18 x 18 x 12 ins. E. & W. of cor. 3 ft. dist.; and raise a mound of earth 3½ ft. base, 1½ ft. high, N. of cor.</p> |
| 20.30 | Ditch, 10 lks. wide, course N. |
| 25.06 | <p>Set an iron post 1 in. dia., for 1/256 sec. cor. of sec. 27, stamped on cap</p> <p>1/256 S 27 in center. 1915 in S.</p> |
| | <p>Dig pits 18 x 18 x 12 ins. E. & W. of cor. 3 ft. dist.; and raise a mound of earth 3½ ft. base, 1½ ft. high, N. of cor.</p> |
| 30.08 | <p>Set an iron post 1 in. dia., for 1/64 sec. cor. of sec. 27, stamped on cap</p> <p>1/64 S 27 in center. 1915 in S.</p> |
| | <p>Dig pits 18 x 18 x 12 ins. E. & W. of cor. 3 ft. dist.; and raise a mound of earth 3½ ft. base, 1½ ft. high, N. of cor.</p> |
| 35.10 | <p>Set an iron post 1 in. dia., for 1/256 sec. cor. of sec. 27, stamped on cap</p> <p>1/256 S 27 in center. 1915 in S.</p> |
| | <p>Dig pits 18 x 18 x 12 ins. E. & W. of cor. 3 ft. dist.; and raise a mound of earth 3½ ft. base, 1½ ft. high, N. of cor.</p> |

Resurvey of Subdivision lines of T. 15 S., R. 13 E.

| Chains | |
|--------|---|
| 35.40 | Fence, brs. N. & S. |
| 35.70 | Ditch, 5 lks. wide, course NW. |
| 40.12 | The S. $1/16$ sec. cor. on $\frac{1}{4}$ sec. line of sec. 27. |
| | Land, level bottom cultivated, 40.12 chs. Soil, 1st rate. No timber or brush. |
| | ----- |
| | Returning to the E. $1/16$ sec. cor. bet. secs. 27 and 34, I run |
| | N. $1^{\circ} 9'$ E. on a true line through the middle of the SE. $\frac{1}{4}$ of sec. 27. |
| | Over level open land. |
| 1.80 | Fence, brs. NW. & SE. |
| | Enter cultivated land. |
| 5.01 | Set an iron post 1 in. dia., for $1/256$ sec. cor. of sec. 27, stamped on cap |
| | 1/256 S 27 in center. 1915 in S. |
| | Dig pits 18 x 18 x 12 ins. N. & S. of cor. 3 ft. dist.; and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, W. of cor. |
| 6.40 | Ditch, 5 lks. wide, course NW. |
| 10.02 | Set an iron post 1 in. dia., for $1/64$ sec. cor. of sec. 27, stamped on cap |
| | 1/64 S 27 in center. 1915 in S. |
| | Dig pits 18 x 18 x 12 ins. N. & S. of cor. 3 ft. dist.; and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, W. of cor. |
| 15.03 | Set an iron post 1 in. dia., for $1/256$ sec. cor. of sec. 27, stamped on cap |
| | 1/256 S 27 in center. 1915 in S. |
| | Dig pits 18 x 18 x 12 ins. N. & S. of cor. 3 ft. dist.; and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, W. of cor. |
| 19.80 | Ditch, 5 lks. wide, course N. |
| 19.85 | Fence, brs. E. & W. |
| 20.04 | The SE. $1/16$ sec. cor. of sec. 27. |
| 25.05 | Set an iron post 1 in. dia., for $1/256$ sec. cor. of sec. 27, stamped on cap |
| | 1/256 S 27 in center. 1915 in S. |

Resurvey of Subdivision lines of T. 15 S., R. 13 E.

| Chains | |
|--------|--|
| | Dig pits 18 x 18 x 12 ins. N. & S. of cor. 3 ft. dist.; and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, W. of cor. |
| 26.50 | Fence, brs. N. & S. |
| 29.90 | Fence, brs. E. & W. |
| 30.05 | Set an iron post 1 in. dia., for $1/64$ sec. cor. of sec. 27, stamped on cap 1/64 S 27 in center. 1915 in S. |
| | Dig pits 18 x 18 x 12 ins. N. & S. of cor. 3 ft. dist.; and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, W. of cor. |
| 35.06 | Set an iron post 1 in. dia., for $1/256$ sec. cor. of sec. 27, stamped on cap 1/256 S 27 in center. 1915 in S. |
| | Dig pits 18 x 18 x 12 ins. N. & S. of cor. 3 ft. dist.; and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, W. of cor. |
| 39.80 | Fence, brs. E. & W. |
| 40.06 | The E. $1/16$ sec. cor. on $\frac{1}{4}$ sec. line of sec. 27. Land, level bottom. Soil, 1st rate. No timber or brush. March 13, 1915. At this cor. I set off $3^{\circ} 7' 6''$ on decl. arc, and at apparent noon observe the sun on the meridian; the resulting lat. is $32^{\circ} 6\frac{1}{2}'$ which is the proper lat. |
| | ----- |
| | Thence from the E. $1/16$ ^{sec. cor.} on $\frac{1}{4}$ sec. line of sec. 27, I run |
| | N. $1^{\circ} 4' E.$ on a random line through the NE. $\frac{1}{4}$ of sec. 27, setting temp. $1/64$ and $1/256$ sec. cors. |
| 20.00 | Set temp. NE. $1/16$ sec. cor. |
| 40.08 | Fall 8 lks. W. of temp. E. $1/16$ sec. cor. bet. secs. 22 and 27. (Move temp. NE. $1/16$ sec. cor. 4 lks. E.) ----- |
| | From the N. $1/16$ sec. cor. on $\frac{1}{4}$ sec. line of sec. 27, I run |
| | S. $89^{\circ} 59' E.$ on a random line through the NE. $\frac{1}{4}$ of sec. 27, setting temp. $1/64$ and $1/256$ sec. cors. |

Resurvey of Subdivision lines of T. 15 S., R. 13 E.

| Chains | |
|--------|---|
| 19.98 | Fall 5 lks. N. of temp. NE. 1/16 sec. cor. |
| 39.98 | Fall 2 lks. N. of N. 1/16 sec. cor. bet. secs. 26 and 27. |
| | (Therefore, the point for the NE. 1/16 sec. cor. is 4 lks. N. 1° 11' E. from temp. NE. 1/16 sec. cor.) |
| | ----- |
| | Thence I run |
| | N. 89° 58' W. on a true line through the middle of the NE. $\frac{1}{4}$ of sec. 27. |
| | Over level cultivated land. |
| .70 | Fence, brs. N. & S. |
| 5.00 | Set an iron post 1 in. dia., for 1/256 sec. cor. of sec. 27, stamped on cap |
| | 1/256 S 27 in center. 1915 in S. |
| | Dig pits 18 x 18 x 12 ins. E. & W. of cor. 3 ft. dist.; and raise a mound of earth 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, N. of cor. |
| 10.00 | Set an iron post 1 in. dia., for 1/64 sec. cor. of sec. 27, stamped on cap |
| | 1/64 S 27 in center. 1915 in S. |
| | Dig pits 18 x 18 x 12 ins. E. & W. of cor. 3 ft. dist.; and raise a mound of earth 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, N. of cor. |
| 15.00 | Set an iron post 1 in. dia., for 1/256 sec. cor. of sec. 27, stamped on cap |
| | 1/256 S 27 in center. 1915 in S. |
| | Dig pits 18 x 18 x 12 ins. E. & W. of cor. 3 ft. dist.; and raise a mound of earth 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, N. of cor. |
| 20.00 | Set an iron post 1 in. dia., for NE. 1/16 sec. cor. of sec. 27, stamped on cap |
| | NE 1/16 S 27 in center. 1915 in S. |
| | Dig pits 18 x 18 x 12 ins. E. & W. of cor. 3 ft. dist.; and raise a mound of earth 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, N. of cor. |
| 20.40 | Fence, brs. N. & S. |
| 20.80 | Road, brs. N. & S. |
| 20.80 | Fence, brs. N. & S. |
| 24.99 | Set an iron post 1 in. dia., for 1/256 sec. cor. of sec. 27, stamped on cap |

Resurvey of Subdivision lines of T. 15 S., R. 13 E.

| Chains | |
|--------|--|
| | <p>1/256 S 27 in center. 1915 in S.</p> <p>Dig pits 18 x 18 x 12 ins. E. & W. of cor. 3 ft. dist.; and raise a mound of earth 3½ ft. base, 1½ ft. high, N. of cor.</p> |
| 29.99 | <p>Set an iron post 1 in. dia., for 1/64 sec. cor. of sec. 27, stamped on cap</p> <p>1/64 S 27 in center. 1915 in S.</p> <p>Dig pits 18 x 18 x 12 ins. E. & W. of cor. 3 ft. dist.; and raise a mound of earth 3½ ft. base, 1½ ft. high, N. of cor.</p> |
| 33.80 | Ditch, 5 lks. wide, course N. |
| 34.98 | <p>Set an iron post 1 in. dia., for 1/256 sec. cor. of sec. 27, stamped on cap</p> <p>1/256 S 27 in center. 1915 in S.</p> <p>Dig pits 18 x 18 x 12 ins. E. & W. of cor. 3 ft. dist.; and raise a mound of earth 3½ ft. base, 1½ ft. high, N. of cor.</p> |
| 39.98 | <p>The N. 1/16 sec. cor. on ¼ sec. line of sec. 27.</p> <p>Land, cultivated bottom. Soil, 1st. rate. No timber, or brush.</p> <p>-----</p> <p>Returning to the E. 1/16 sec. cor. on ¼ sec. line of sec. 27, I run</p> <p>N. 1° 11' E. on a true line through the middle of the NE. ¼ of sec. 27.</p> <p>Over level bottom land, along E. side of road.</p> |
| 5.01 | <p>Set an iron post 1 in. dia., for 1/256 sec. cor. of sec. 27, stamped on cap</p> <p>1/256 S 27 in center. 1915 in S.</p> <p>Dig pits 18 x 18 x 12 ins. N. & S. of cor. 3 ft. dist.; and raise a mound of earth 3½ ft. base, 1½ ft. high, W. of cor.</p> |
| 6.40 | Indian house, 30 lks. E. |
| 8.20 | Fence, brs. N. & S. & E. |
| | Enter cultivated land. |
| 10.02 | <p>Set an iron post 1 in. dia., for 1/64 sec. cor. of sec. 27, stamped on cap</p> <p>1/64 S 27 in center. 1915 in S.</p> |

Resurvey of Subdivision lines of T. 15 S., R. 13 E.

| Chains | |
|--------|--|
| | Dig pits 18 x 18 x 12 ins. N. & S. of cor. 3 ft. dist.; and raise a mound of earth 3½ ft. base, 1½ ft. high, W. of cor. |
| 15.03 | Set an iron post 1 in. dia., for 1/256 sec. cor. of sec. 27, stamped on cap 1/256 S 27 in center. 1915 in S. |
| | Dig pits 18 x 18 x 12 ins. N. & S. of cor. 3 ft. dist.; and raise a mound of earth 3½ ft. base, 1½ ft. high, W. of cor. |
| 19.70 | Fence, brs. E. & W. |
| 20.04 | The NE. 1/16 sec. cor. of sec. 27. |
| 25.05 | Set an iron post 1 in. dia., for 1/256 sec. cor. of sec. 27, stamped on cap 1/256 S 27 in center. 1915 in S. |
| | Dig pits 18 x 18 x 12 ins. N. & S. of cor. 3 ft. dist.; and raise a mound of earth 3½ ft. base, 1½ ft. high, W. of cor. |
| 30.06 | Set an iron post 1 in. dia., for 1/64 sec. cor. of sec. 27, stamped on cap 1/64 S 27 in center. 1915 in S. |
| | Dig pits 18 x 18 x 12 ins. N. & S. of cor. 3 ft. dist.; and raise a mound of earth 3½ ft. base, 1½ ft. high, W. of cor. |
| 33.70 | Fence, brs. E. & W. |
| 33.86 | Intersect S. bdy. of "Rancho de Martinez" at a point 3.28 chs., S. 68° 40' W. from cor # 12. Set an iron post 1 in. dia., for C.C. on east 1/16 sec. line of sec. 27, stamped on cap C C E 1/16 S 27 1915 in S. R M in N. |
| | Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise a mound of earth 3½ ft. base, 1½ ft. high, S. of cor. |
| | From which a Mesquite 8 ins. dia., brs. S. 48½° W., 22 lks. dist., mkd. 1/16 S 27 C C B T. |
| | Thence across "Rancho de Martinez" on a blank line. |
| 34.00 | Road, brs. E. & W. |
| 34.20 | Fence, brs. E. & W. |
| 40.08 | The temp. E 1/16 sec. cor. bet. secs. 22 and 27, previously described. |

Resurvey of Subdivision lines of T. 15 S., R. 13 E.

| Chains | |
|--------|--|
| | <p>Land, level bottom, 40.08 chs. Soil, 1st. rate, 40.08 chs. No timber or brush.</p> <p style="text-align: right;">March 13, 1915.</p> |
| | <p>March 15, 1915. At 8^h 0^m a.m., l.m.t., I set off 32° 6' on lat. arc, and 2° 23' S. on decl. arc, and determine a meridian with the solar at the W. 1/16 sec. cor. bet. secs. 27 and 34.</p> <p>Thence I run</p> <p>N. 1° 18' E. on a random line through the middle of the SW. $\frac{1}{4}$ of sec. 27, setting temp. 1/64 and 1/256 sec. cors.</p> |
| 20.00 | Set temp. SW. 1/16 sec. cor. |
| 40.12 | Fall 10 lks. W. of W. 1/16 sec. cor. on $\frac{1}{4}$ sec. line, of sec. 27. |
| | (Move temp. SW. 1/16 sec. cor. 5 lks. E.) |
| | ----- |
| | From the S. 1/16 sec. cor. bet. secs. 27 and 28. |
| | N. 89° 58' E. on a random line through the middle of the SW. $\frac{1}{4}$ of sec. 27, setting temp. 1/64 and 1/256 sec. cor. |
| 20.06 | Fall 7 lks. N. of temp. SW. 1/16 sec. cor. |
| 40.12 | Fall 2 lks. N. of S. 1/16 sec. cor. on $\frac{1}{4}$ sec. line of sec. 27. |
| | (Therefore, the point for the SW. 1/16 sec. cor. is 6 lks. N. 1° 27' E. from the temp. SW. 1/16 sec. cor.) |
| | ----- |
| | Thence I run |
| | W. on a true line through the middle of the SW. $\frac{1}{4}$ of sec. 27. |
| | Over level cultivated land. |
| 5.02 | Set an iron post 1 in. dia., for 1/256 sec. cor. of sec. 27, stamped on cap |
| | 1/256 S 27 in center. 1915 in S. |
| | Dig pits 18 x 18 x 12 ins. E. & W. of cor. 3 ft. dist.; and raise a mound of earth 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, N. of cor. |
| 10.03 | Set an iron post 1 in. dia., for 1/64 sec. cor. of sec. 27, stamped on cap |

Resurvey of Subdivision lines of T. 15 S., R. 13 E.

Chains

| | |
|-------|--|
| | <p>1/64 S 27 in center. 1915 in S.</p> <p>Dig pits 18 x 18 x 12 ins. E. & W. of cor. 3 ft. dist.; and raise a mound of earth 3½ ft. base, 1½ ft. high, N. of cor.</p> |
| 11.90 | <p>Fence, brs. N. & S.</p> <p>Leave cultivated bottom land; enter scattered mesquite timber, brush and cactus.</p> <p>Over nearly level mesa land.</p> |
| 12.20 | Road, Tucson to Nogales, brs. N. & S. |
| 15.05 | <p>Set an iron post 1 in. dia., for 1/256 sec. cor. of sec. 27, stamped on cap</p> <p>1/256 S 27 in center. 1915 in S.</p> <p>Dig pits 18 x 18 x 12 ins. E. & W. of cor. 3 ft. dist.; and raise a mound of earth 3½ ft. base, 1½ ft. high, N. of cor.</p> |
| 20.06 | <p>Set an iron post 1 in. dia., for the SW. 1/16 sec. cor. of sec. 27, stamped on cap</p> <p>SW 1/16 S 27 in center. 1915 in S.</p> <p>Dig pits 18 x 18 x 12 ins. E. & W. of cor. 3 ft. dist.; and raise a mound of earth 3½ ft. base, 1½ ft. high, N. of cor.</p> |
| 25.08 | <p>Set an iron post 1 in. dia., for 1/256 sec. cor. of sec. 27, stamped on cap</p> <p>1/256 S 27 in center. 1915 in S.</p> <p>Dig pits 18 x 18 x 12 ins. E. & W. of cor. 3 ft. dist.; and raise a mound of earth 3½ ft. base, 1½ ft. high, N. of cor.</p> |
| 30.09 | <p>Set an iron post 1 in. dia., for 1/64 sec. cor. of sec. 27, stamped on cap</p> <p>1/64 S 27 in center. 1915 in S.</p> <p>Dig pits 18 x 18 x 12 ins. E. & W. of cor. 3 ft. dist.; and raise a mound of earth 3½ ft. base, 1½ ft. high, N. of cor.</p> |
| 32.00 | Fence, brs. N. 30° W. and S. 30° E. |
| 32.30 | Road, Tucson to Nogales, N. 30° W. and S. 30° E. |
| 33.50 | Road, brs. NW. & SE. |
| 35.11 | <p>Set an iron post 1 in. dia., for 1/256 sec. cor. of sec. 27, stamped on cap</p> <p>1/256 S 27 in center. 1915 in S.</p> |

Resurvey of Subdivision lines of T. 15 S., R. 13 E.

Chains

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

40.12 The S. $1/16$ sec. cor. bet. secs. 27 and 28.

Land, cultivated level bottom, 11.90 chs.; nearly
level mesa, 28.22 chs.
Soil, 1st rate 11.90 chs.; 2nd rate 28.22 chs.
Scattered mesquite timber, brush and cactus, 28.22 chs.

Returning to the W. $1/16$ sec. cor. bet. secs. 27 and
34, I run

N. $1^{\circ} 27'$ E. on a true line through the middle of
the SW. $\frac{1}{4}$ of sec. 27.

Over nearly level mesa land, through scattered mesquite
timber, brush and cactus.

5.02 Set an iron post 1 in. dia., for $1/256$ sec. cor. of
sec. 27, stamped on cap

$1/256$ S 27 in center.
1915 in S.

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

10.03 Set an iron post 1 in. dia., for $1/64$ sec. cor. of
sec. 27, stamped on cap

$1/64$ S 27 in center.
1915 in S.

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

15.05 Set an iron post 1 in. dia., for $1/256$ sec. cor. of
sec. 27, stamped on cap

$1/256$ S 27 in center.
1915 in S.

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

20.06 The SW. $1/16$ sec. cor. of sec. 27.

25.08 Set an iron post 1 in. dia., for $1/256$ sec. cor. of
sec. 27, stamped on cap

$1/256$ S 27 in center.
1915 in S.

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

30.09 Set an iron post 1 in. dia., for $1/64$ sec. cor. of
sec. 27, stamped on cap

Resurvey of Subdivision lines of T. 15 S., R. 13 E.

Chains

35.11 Set an iron post 1 in. dia., for 1/256 sec. cor. of sec. 27, stamped on cap

1/256 S 27 in center.
1915 in S.

Dig pits 18 x 18 x 12 ins. N. & S. of cor. 3 ft. dist.; and raise a mound of earth 3½ ft. base, 1½ ft. high, W. of cor.

40.12 The W. 1/16 sec. cor. on ¼ sec. line of sec. 27.

Land, nearly level mesa.

Soil, 2nd rate.

Timber, scattered mesquite; brush and cactus. 40.12 chs.

March 15, 1915. At this cor. I set off 2° 20' S. on decl. arc, and at apparent noon, observe the sun on the meridian; the resulting lat. is 32° 6½' which is the proper lat.

From the W. 1/16 sec. cor. on ¼ sec. line of sec. 27, I run

N. 1° 18' E. on a random line through the middle of the NW. ¼ of sec. 27, setting temp. 1/64 and 1/256 sec. cors.

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

40.12 Fall 5 lks. W. of the W. 1/16 sec. cor. bet. secs. 22 and 27.

(Move temp. NW. 1/16 sec. cor. 2½ lks. E.)

From the N. 1/16 sec. cor. bet. secs. 27 and 28, I run

S. 89° 59' E. on a random line through the middle of the NW. ¼ of sec. 27, setting temp. 1/64 and 1/256 sec. cors.

20.00 Fall 6 lks. N. of temp. NW. 1/16 sec. cor.

40.00 Intersect the N. 1/16 sec. cor. on ¼ sec. line of sec. 27.

(Therefore, the point for the NW. 1/16 sec. cor. is 6 lks. N. 1° 22' E. from the temp. NW. 1/16 sec. cor.)

Thence I run

N. 89° 59' W. on a true line through the middle of the NW. ¼ of sec. 27.

Over cultivated bottom land.

Resurvey of Subdivision lines of T. 15 S., R. 13 E.

Chains

- 1.50 Fence, brs. N. & S.
- 1.60 Ditch, 5 lks. wide, course N.
- 5.00 Set an iron post 1 in. dia., for 1/256 sec. cor. of
sec. 27, stamped on cap

1/256 S 27 in center.
1915 in S.

Dig pits 18 x 18 x 12 ins. E. & W. of cor. 3 ft. dist.;
and raise a mound of earth 3½ ft. base, 1½ ft. high,
N. of cor.
- 10.00 Set an iron post 1 in. dia., for 1/64 sec. cor. of
sec. 27, stamped on cap

1/64 S 27 in center.
1915 in S.

Dig pits 18 x 18 x 12 ins. E. & W. of cor. 3 ft. dist.;
and raise a mound of earth 3½ ft. base, 1½ ft. high,
N. of cor.
- 10.30 Fence, brs. N. & S.
- 15.00 Set an iron post 1 in. dia., for 1/256 sec. cor. of
sec. 27, stamped on cap

1/256 S 27 in center.
1915 in S.

Dig pits 18 x 18 x 12 ins. E. & W. of cor. 3 ft. dist.;
and raise a mound of earth 3½ ft. base, 1½ ft. high,
N. of cor.
- 17.20 Fence, brs. N. 15° W. and S. 15° E.

Leave cultivated bottom land; enter scattered mesquite
timber, brush and cactus.

Over nearly level mesa land.
- 17.40 Road, Tucson to Nogales, brs. N. 15° W. and S. 15° E.
- 20.00 Set an iron post 1 in. dia., for the NW. 1/16 sec. cor.
of sec. 27, stamped on cap

NW 1/16 S 27 in center.
1915 in S.

Dig pits 18 x 18 x 12 ins. E. & W. of cor. 3 ft. dist.;
and raise a mound of earth 3½ ft. base, 1½ ft. high,
N. of cor.
- 25.00 Set an iron post 1 in. dia., for 1/256 sec. cor. of
sec. 27, stamped on cap

1/256 S 27 in center.
1915 in S.

Dig pits 18 x 18 x 12 ins. E. & W. of cor. 3 ft. dist.;
and raise a mound of earth 3½ ft. base, 1½ ft. high,
N. of cor.
- 26.10 Fence, brs. N. 30° E. and S. 30° W.

Resurvey of Subdivision lines of T. 15 S., R. 13 E.

Chains

- 27.20 Road, Tucson to Nogales, brs. N. 30° E. and S. 30° W.
- 30.00 Set an iron post 1 in. dia., for 1/64 sec. cor. of sec. 27, stamped on cap
 1/64 S 27 in center.
 1915 in S.
 Dig pits 18 x 18 x 12 ins. E. & W. of cor. 3 ft. dist.; and raise a mound of earth 3½ ft. base, 1½ ft. high, N. of cor.
- 35.00 Set an iron post 1 in. dia., for 1/256 sec. cor. of sec. 27, stamped on cap
 1/256 S 27 in center.
 1915 in S.
 Dig pits 18 x 18 x 12 ins. E. & W. of cor. 3 ft. dist.; and raise a mound of earth 3½ ft. base, 1½ ft. high, N. of cor.
- 40.00 The N. 1/16 sec. cor. bet. secs. 27 and 28.
 Land, cultivated bottom, 17.20 chs.; nearly level mesa, 22.80 chs.
 Soil, 1st rate 17.20 chs.; 2nd rate 22.80 chs.
 Timber, scattered mesquite, brush and cactus, 22.80 chs.
-
- Returning to the W. 1/16 sec. cor. on ¼ sec. line of sec. 27, I run
 N. 1° 22' E. on a true line through the middle of the Nw. ¼ of sec. 27.
 Over level mesa land, through scattered mesquite timber, brush and cactus.
- 5.02 Set an iron post 1 in. dia., for 1/256 sec. cor. of sec. 27, stamped on cap
 1/256 S 27 in center.
 1915 in S.
 Dig pits 18 x 18 x 12 ins. N. & S. of cor. 3 ft. dist.; and raise a mound of earth 3½ ft. base, 1½ ft. high, W. of cor.
- 10.03 Set an iron post 1 in. dia., for 1/64 sec. cor. of sec. 27, stamped on cap
 1/64 S 27 in center.
 1915 in S.
 Dig pits 18 x 18 x 12 ins. N. & S. of cor. 3 ft. dist.; and raise a mound of earth 3½ ft. base, 1½ ft. high, W. of cor.
- 15.05 Set an iron post 1 in. dia., for 1/256 sec. cor. of sec. 27, stamped on cap
 1/256 S 27 in center.
 1915 in S.

Resurvey of Subdivision lines of T. 15 S., R. 13 E.

| | |
|--------|---|
| Chains | |
| 20.06 | The NW. 1/16 sec. cor. of sec. 27. |
| 25.08 | Set an iron post 1 in. dia., for 1/256 sec. cor. of sec. 27, stamped on cap 1/256 S 27 in center. 1915 in S. Dig pits 18 x 18 x 12 ins. N. & S. of cor. 3 ft. dist.; and raise a mound of earth 3½ ft. base, 1½ ft. high, W. of cor. |
| 27.70 | Fence, brs. E. & W. Leave scattered brush and timber; enter open. |
| 28.10 | Road, brs. E. & W. |
| 30.09 | Set an iron post 1 in. dia., for 1/64 sec. cor. of sec. 27, stamped on cap 1/64 S 27 in center. 1915 in S. Dig pits 18 x 18 x 12 ins. N. & S. of cor. 3 ft. dist.; and raise a mound of earth 3½ ft. base, 1½ ft. high, W. of cor. |
| 35.11 | Set an iron post 1 in. dia., for 1/256 sec. cor. of sec. 27, stamped on cap 1/256 S 27 in center. 1915 in S. Cor. set flush with ground in road, bearing N. & S., pits and mound impracticable. |
| 38.90 | Fence, brs. N. & S. Enter cultivated land. |
| 40.12 | The W. 1/16 sec. cor. bet. secs. 22 and 27. Land, level. Soil, 1st rate, 1.22 chs.; 2nd rate, 38.90 chs. Scattered mesquite timber and brush, 27.70 chs. March 15, 1915. |

Resurvey of Subdivision lines of T. 15 S., R. 13 E.

Chains

Feb. 19, 1915, At 8^h 0^m a.m., l.m.t., I set off
32° 7' on lat. arc, and 11° 29' S. on decl. arc,
and determine a meridian with the solar at the
cor. of secs. 21, 22, 27 and 28.

Thence I run

N. 0° 55' W. on a true line bet. secs. 21 and 22.

Over nearly level mesa land, through scattered
mesquite brush, greasewood and cactus.

5.00 The proportional point for 1/256 sec. cor. bet.
secs. 21 and 22.

Set an iron post 1 in. dia., stamped on cap

1/256 in N.
S 21 in W.
S 22 in E.
1915 in S.

Raise a mound of stone 2 ft. base, 1½ ft. high, W. of
cor.

10.01 The proportional point for 1/64 sec. cor. bet.
secs. 21 and 22.

Set an iron post 1 in. dia., stamped on cap

1/64 in N.
S 21 in W.
S 22 in E.
1915 in S.

Raise a mound of stone 2 ft. base, 1½ ft. high, W. of
cor.

14.80 Fence, brs. N. 75° W. and S. 75° E.

15.01 The proportional point for 1/256 sec. cor. bet.
secs. 21 and 22.

Set an iron post 1 in. dia., stamped on cap

1/256 in N.
S 21 in W.
S 22 in E.
1915 in S.

Raise a mound of stone 2 ft. base, 1½ ft. high, W. of
cor.

(This cor. is set in fence line N. 75° W. and S. 75° E.)

Leave mesa land and scattered brush; enter level
cultivated land.

19.30 Fence, brs. NW. & SE.

20.02 The proportional point for S. 1/16 sec. cor. bet.
secs. 21 and 22.

Set an iron post 1 in. dia., stamped on cap

S 1/16 in N.
S 21 in W.
S 22 in E.
1915 in S.

Resurvey of Subdivision lines of T. 15 S., R. 13 E.

Chains

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

25.03 The proportional point for $1/256$ sec. cor. bet.
secs. 21 and 22.

Set an iron post 1 in. dia., stamped on cap

$1/256$ in N.
8 21 in W.
8 22 in E.
1915 in S.

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

26.00 Fence, brs. N. 5° W. and S. 5° E.

30.03 The proportional point for $1/64$ sec. cor. bet.
secs. 21 and 22.

Set an iron post 1 in. dia., stamped on cap

$1/64$ in N.
8 21 in W.
8 22 in E.
1915 in S.

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

35.04 The proportional point for $1/256$ sec. cor. bet.
secs. 21 and 22.

Set an iron post 1 in. dia., stamped on cap

$1/256$ in N.
8 21 in W.
8 22 in E.
1915 in S.

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

38.30 Fence, brs. E. & W.

40.05 The proportional point for $\frac{1}{4}$ sec. cor. bet. secs.
21 and 22.

Set an iron post 1 in. dia., stamped on cap

$\frac{1}{4}$ in N.
8 21 in W.
8 22 in E.
1915 in S.

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

45.05 The proportional point for $1/256$ sec. cor. bet.
secs. 21 and 22.

Resurvey of Subdivision lines of T. 15 S., R. 13 E.

Chains

Set an iron post 1 in. dia., stamped on cap

1/256 in N.
S 21 in W.
S 22 in E.
1915 in S.

Dig pits 18 x 18 x 12 ins. N. & S. of cor. 3 ft. dist.;
and raise a mound of earth 3½ ft. base, 1½ ft. high,
W. of cor.

48.20 Fence, brs. E. & W.

50.06 The proportional point for 1/64 sec. cor. bet.
secs. 21 and 22.

Set an iron post 1 in. dia., stamped on cap

1/64 in N.
S 21 in W.
S 22 in E.
1915 in S.

Dig pits 18 x 18 x 12 ins. N. & S. of cor. 3 ft. dist.;
and raise a mound of earth 3½ ft. base, 1½ ft. high,
W. of cor.

55.06 The proportional point for 1/256 sec. cor. bet.
secs. 21 and 22.

Set an iron post 1 in. dia., stamped on cap

1/256 in N.
S 21 in W.
S 22 in E.
1915 in S.

Dig pits 18 x 18 x 12 ins. N. & S. of cor. 3 ft. dist.;
and raise a mound of earth 3½ ft. base, 1½ ft. high,
W. of cor.

59.20 Fence, brs. E. & W.

59.30 Road, brs. E. & W.

59.40 Fence, brs. E. & W.

60.07 The proportional point for the N. 1/16 sec. cor.
bet. secs. 21 and 22.

Set an iron post 1 in. dia., stamped on cap

N 1/16 in N.
S 21 in W.
S 22 in E.
1915 in S.

Dig pits 18 x 18 x 12 ins. N. & S. of cor. 3 ft. dist.;
and raise a mound of earth 3½ ft. base, 1½ ft. high,
W. of cor.

65.07 The proportional point for 1/256 sec. cor. bet.
secs. 21 and 22.

Set an iron post 1 in. dia., stamped on cap

1/256 in N.
S 21 in W.
S 22 in E.
1915 in S.

BOOK 3722

Resurvey of Subdivision lines of T. 15 S., R. 13 E.

Chains

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

69.00

Fence, brs. E. & W.

70.08

The proportional point for $1/64$ sec. cor. bet.
secs. 21 and 22.

Set an iron post 1 in. dia., stamped on cap

$1/64$ in N.
S 21 in W.
S 22 in E.
1915 in S.

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

75.08

The proportional point for $1/256$ sec. cor. bet.
secs. 21 and 22.

Set an iron post 1 in. dia., stamped on cap

$1/256$ in N.
S 21 in W.
S 22 in E.
1915 in S.

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

79.40

Fence, brs. E. & W.

80.09

The proportional point for the cor. of secs. 15, 16,
21 and 22, at an angle point on the Reservation Bdy.

Set an iron post 3 ins. dia., stamped on cap

T 15 S S 16 in NW.
R 13 E S 15 in NE.
S 22 in SE.
P I R S 23 in SW.
1915 in S.

Dig pits 18 x 18 x 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.

Land, mesa, 15.01 chs.; bottom 65.08 chs.
Soil, 2nd rate, 15.01 chs.; 1st rate, 65.08 chs.
Scattered mesquite brush and greasewood, 15.01 chs.
No timber.

Feb. 19, 1915. At this cor. I set off $11^{\circ} 26'$ S. on
decl. arc, and at apparent noon observe the sun
on the meridian; the resulting lat. is $32^{\circ} 7\frac{1}{2}'$
which is the proper lat.

Resurvey of Subdivision lines of T. 15 S., R. 13 E.

Chairs

Thence S. $89^{\circ} 49'$ E. on a true line bet. secs. 15
and 22, along N. bdy. of Papago Indian Reservation.

Over level open land.

.80 Fence, brs. N. & S.

.90 Irrigation ditch, 5 lks. wide, course N.

5.02 The proportional point for $1/256$ sec. cor. bet.
secs. 15 and 22.

Set an iron post 1 in. dia., stamped on cap

$1/256$ in W.
S 15 in N.
S 22 P I R 1915 in S.

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

10.05 The proportional point for $1/64$ sec. cor. bet.
secs. 15 and 22.

Set an iron post 1 in. dia., stamped on cap

$1/64$ in W.
S 15 in N.
S 22 P I R 1915 in S.

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

11.00 Fence, brs. N. & S.

15.07 The proportional point for $1/256$ sec. cor. bet.
secs. 15 and 22.

Set an iron post 1 in. dia., stamped on cap

$1/256$ in W.
S 15 in N.
S 22 P I R 1915 in S.

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

20.09 The proportional point for W. $1/16$ sec. cor. bet.
secs. 15 and 22.

Set an iron post 1 in. dia., stamped on cap

W $1/16$ in W.
S 15 in N.
S 22 P I R 1915 in S.

From which a

Cottonwood 24 ins. dia., brs. S. $46\frac{1}{2}^{\circ}$ W., 208 lks. dist.;
mkd. W $1/16$ S 22 P I R B T.

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

Resurvey of Subdivision lines of T. 15 S., R. 13 E.

| Chains | |
|--------|---|
| 25.11 | <p>The proportional point for $1/256$ sec. cor. bet. secs. 15 and 22.</p> <p>Set an iron post 1 in. dia., stamped on cap</p> <p style="padding-left: 40px;">$1/256$ in W. S 15 in N. S 22 P I R 1915 in S.</p> <p>Dig pits 18 x 18 x 12 ins. E. & W. of cor. 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> |
| 30.14 | <p>The proportional point for $1/64$ sec. cor. bet. secs. 15 and 22.</p> <p>Set an iron post 1 in. dia., stamped on cap,</p> <p style="padding-left: 40px;">$1/64$ in W. S 15 in N. S 22 P I R 1915 in S.</p> <p>Dig pits 18 x 18 x 12 ins. E. & W. of cor. 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> |
| 33.10 | Fence, brs. N. & S. |
| 35.16 | <p>The proportional point for $1/256$ sec. cor. bet. secs. 15 and 22.</p> <p>Set an iron post 1 in. dia., stamped on cap</p> <p style="padding-left: 40px;">$1/256$ in W. S 15 in N. S 22 P I R 1915 in S.</p> <p>Dig pits 18 x 18 x 12 ins. E. & W. of cor. 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> |
| 40.18 | <p>The proportional point for $\frac{1}{4}$ sec. cor. bet. secs. 15 and 22.</p> <p>Set an iron post 1 in. dia., stamped on cap</p> <p style="padding-left: 40px;">$\frac{1}{4}$ in W. S 15 in N. S 22 P I R 1915 in S.</p> <p>From which a</p> <p>Cottonwood 12 ins. dia., brs. N. $34\frac{1}{2}^{\circ}$ E., 61 lks. dist.; mkd. $\frac{1}{4}$ S 15 B T.</p> <p>Cottonwood 12 ins. dia., brs. S. $19\frac{3}{4}^{\circ}$ W., 106 lks. dist.; mkd. $\frac{1}{4}$ S 22 P I R B T.</p> |
| 41.30 | Fence, brs. N. & S. |
| 41.60 | Road, brs. N. & S. |
| 41.80 | Fence, brs. N. & S. |
| 45.20 | <p>The proportional point for $1/256$ sec. cor. bet. secs. 15 and 22.</p> <p>Set an iron post 1 in. dia., stamped on cap</p> |

Resurvey of Subdivision lines of T. 15 S., R. 13 E.

Chains

1/256 in W.
S 15 in N.
S 22 P I R 1915 in S.

From which a

Cottonwood 30 ins. dia., brs. S. $30\frac{1}{4}^{\circ}$ W., 115 lks. dist.;
mkd. 1/256 S 22 P I R B T.

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

50.23

The proportional point for 1/64 sec. cor. bet.
secs. 15 and 22.

Set an iron post 1 in. dia., stamped on cap

1/64 in W.
S 15 in N.
S 22 P I R 1915 in S.

From which a

Cottonwood 30 ins. dia., brs. S. $34\frac{1}{2}^{\circ}$ W., 113 lks. dist.;
mkd. 1/64 S 22 P I R B T.

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

55.25

The proportional point for 1/256 sec. cor. bet.
secs. 15 and 22.

Set an iron post 1 in. dia., stamped on cap

1/256 in W.
S 15 in N.
S 22 P I R 1915 in S.

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

60.27

The proportional point for E. 1/16 sec. cor. bet.
secs. 15 and 22.

Set an iron post 1 in. dia., stamped on cap

E 1/16 in W.
S 15 in N.
S 22 P I R 1915 in S.

From which a

Cottonwood 24 ins. dia., brs. S. $72\frac{1}{2}^{\circ}$ E., 255 lks. dist.;
mkd. E 1/16 S 22 P I R B T.

Cottonwood 18 ins. dia., brs. S $23\frac{1}{2}^{\circ}$ W., 81 lks. dist.;
mkd. E 1/16 S 22 P I R B T.

65.29

The proportional point for 1/256 sec. cor. bet.
secs. 15 and 22.

Resurvey of Subdivision lines of T. 15 S., R. 13 E.

Chains

Set an iron post 1 in. dia., stamped on cap

1/256 in W.
S 15 in N.
S 22 P I R 1915 in S.

Dig pits 18 x 18 x 12 ins. E. & W. of cor. 3 ft. dist.;
and raise a mound of earth 3½ ft. base, 1½ ft. high,
N. of cor.

70.32 The proportional point for 1/64 sec. cor. bet.
secs. 15 and 22.

Set an iron post 1 in. dia., stamped on cap

1/64 in W.
S 15 in N.
S 22 P I R 1915 in S.

Dig pits 18 x 18 x 12 ins. E. & W. of cor. 3 ft. dist.;
and raise a mound of earth 3½ ft. base, 1½ ft. high,
N. of cor.

75.34 The proportional point for 1/256 sec. cor. bet.
secs. 15 and 22.

Set an iron post 1 in. dia., stamped on cap

1/256 in W.
S 15 in N.
S 22 P I R 1915 in S.

Dig pits 18 x 18 x 12 ins. E. & W. of cor. 3 ft. dist.;
and raise a mound of earth 3½ ft. base, 1½ ft. high,
N. of cor.

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

Land, level, bottom.
Soil, 1st rate.
No timber.
No brush.

Feb. 19, 1915.

March 18, 1915. At 8^h 0^m a.m., l.m.t., I set off
32° 7' on lat. arc, and 1° 11½' S. on decl. arc,
and determine a meridian with the solar at the
¼ sec. cor. bet. secs. 22 and 27.

Thence I run

N. 0° 31' W. on a random line through the middle
of sec. 22, setting temp. 1/16, 1/64 and 1/256
sec. cors.

40.00 Set temp. center ¼ sec. cor.

80.08 Fall 30 lks. E. of the ¼ sec. cor. bet. secs. 15 and 22.

(Move temp. center ¼ sec. cor. 15 lks. W.)

Resurvey of Subdivision lines of T. 15 S., R. 13 E.

Chains

From the $\frac{1}{4}$ sec. cor. bet. secs. 21 and 22, I run
S. $89^{\circ} 57'$ E. on a random line through the middle
of sec. 22, setting temp. $\frac{1}{16}$, $\frac{1}{64}$ and $\frac{1}{256}$
sec. cors.

40.08 Fall 15 lks. N. of temp. center $\frac{1}{4}$ sec. cor.

80.16 Fall 14 lks. N. of $\frac{1}{4}$ sec. cor. bet. secs. 22 and 23.

(Therefore, the point for the center $\frac{1}{4}$ sec. cor.
is 8 lks. N. $0^{\circ} 44'$ W. from temp. center $\frac{1}{4}$ sec. cor.)

Thence I run

N. $89^{\circ} 51'$ W. on a true line through the middle of
sec. 22.

Over level open land.

2.00 Barranca, 10 ft. deep, course N.; 1 ch. wide.

5.01 Point falls in barranca, 10 ft. deep; course N.;
50 lks. wide.

5.88 Set an iron post 1 in. dia., for the W. C. to $\frac{1}{256}$
sec. cor. of sec. 22, stamped on cap

W C $\frac{1}{256}$ S 22 in center.
1915 in S.

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

Enter cultivated land.

10.02 Set an iron post 1 in. dia., for $\frac{1}{64}$ sec. cor. of
sec. 22, stamped on cap

$\frac{1}{64}$ S 22 in center.
1915 in S.

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

10.60 Fence, brs. N. & S.

15.03 Set an iron post 1 in. dia., for $\frac{1}{256}$ sec. cor. of
sec. 22, stamped on cap

$\frac{1}{256}$ S 22 in center.
1915 in S.

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

19.40 Indian house, 1 ch. S.

19.80 Fence, brs. N. & S.

19.90 Ditch, 5 lks. wide, course N.

Resurvey of Subdivision lines of T. 15 S., R. 13 E.

| Chains | |
|--------|---|
| 20.04 | <p>Set an iron post 1 in. dia., for the E. 1/16 sec. cor. on $\frac{1}{4}$ sec. line of sec. 22, stamped on cap</p> <p style="padding-left: 40px;">$\frac{1}{4}$ in N. E 1/16 in W. S 22 in E. $\frac{1}{4}$ 1915 in S.</p> <p>Dig pits 18 x 18 x 12 ins. E. & W. of cor. 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> |
| 25.05 | <p>Set an iron post 1 in. dia., for 1/256 sec. cor. of sec. 22, stamped on cap</p> <p style="padding-left: 40px;">1/256 S 22 in center. 1915 in S.</p> <p>Dig pits 18 x 18 x 12 ins. E. & W. of cor. 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> |
| 29.50 | Fence, brs. N. & S. |
| 29.60 | Ditch, 5 lks. wide, course N. |
| 30.06 | <p>Set an iron post 1 in. dia., for the 1/64 sec. cor. of sec. 22, stamped on cap</p> <p style="padding-left: 40px;">1/64 S 22 in center. 1915 in S.</p> <p>Dig pits 18 x 18 x 12 ins. E. & W. of cor. 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> |
| 31.40 | Ditch 5 lks. wide, course N. |
| 32.10 | Fence, brs. N. & S. |
| 33.40 | Indian house, 1 ch. S. of line. |
| 35.07 | <p>Set an iron post 1 in. dia., for 1/256 sec. cor. of sec. 22, stamped on cap</p> <p style="padding-left: 40px;">1/256 S 22 in center. 1915 in S.</p> <p>Dig pits 18 x 18 x 12 ins. E. & W. of cor. 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> |
| 39.60 | Fence, brs. N. & S. |
| 39.90 | Road, brs. N. & S. |
| 40.08 | <p>Set an iron post 1 in. dia., for the center $\frac{1}{4}$ sec. cor. of sec. 22, stamped on cap</p> <p style="padding-left: 40px;">C $\frac{1}{4}$ S 22 in center. 1915 in S.</p> <p>Dig pits 18 x 18 x 12 ins. E., W. & S. of cor. 3 ft. dist., and N. 7 ft.; and raise a mound of earth 4 ft. base, 2 ft. high, N. of cor.</p> |
| 40.10 | Fence, brs. N. & S. |
| 44.20 | Fence, brs. N. & S. |

ECCO 012

Resurvey of Subdivision lines of T. 15 S., R. 13 E.

Chains

- 45.09 Set an iron post 1 in. dia., for 1/256 sec. cor. of sec. 22, stamped on cap
1/256 S 22 in center.
1915 in S.
Dig pits 18 x 18 x 12 ins. E. & W. of cor. 3 ft. dist.; and raise a mound of earth 3½ ft. base, 1½ ft. high, N. of cor.
- 50.10 Set an iron post 1 in. dia., for 1/64 sec. cor. of sec. 22, stamped on cap
1/64 S 22 in center.
1915 in S.
Dig pits 18 x 18 x 12 ins. E. & W. of cor. 3 ft. dist.; and raise a mound of earth 3½ ft. base, 1½ ft. high, N. of cor.
- 55.11 Set an iron post 1 in. dia., for 1/256 sec. cor. of sec. 22, stamped on cap
1/256 S 22 in center.
1915 in S.
Dig pits 18 x 18 x 12 ins. E. & W. of cor. 3 ft. dist.; and raise a mound of earth 3½ ft. base, 1½ ft. high, N. of cor.
- 59.70 Fence, brs. N. & S.
- 59.80 Ditch, 5 lks. wide, course N.
- 60.12 Set an iron post 1 in. dia., for the W. 1/16 sec. cor. on ¼ sec. line of sec. 22, stamped on cap
¼ in E. & W.
W 1/16 in N.
S 22 1915 in S.
Dig pits 18 x 18 x 12 ins. E. & W. of cor. 3 ft. dist.; and raise a mound of earth 3½ ft. base, 1½ ft. high, N. of cor.
March 18, 1915. At this cor. I set off 1° 8' S. on decl. arc, and at apparent noon, observe the sun on the meridian; the resulting lat. is 32° 7½' which is within 1' of the proper lat.
- 65.13 Set an iron post 1 in. dia., for 1/256 sec. cor. of sec. 22, stamped on cap
1/256 S 22 in center.
1915 in S.
Dig pits 18 x 18 x 12 ins. E. & W. of cor. 3 ft. dist.; and raise a mound of earth 3½ ft. base, 1½ ft. high, N. of cor.
- 70.14 Set an iron post 1 in. dia., for 1/64 sec. cor. of sec. 22, stamped on cap
1/64 S 22 in center.
1915 in S.

Resurvey of Subdivision lines of T. 15 S., R. 13 E.

Chains

- 75.15 Set an iron post 1 in. dia., for 1/256 sec. cor. of sec. 22, stamped on cap
 1/256 S 22 in center.
 1915 in S.
 Dig pits 18 x 18 x 12 ins. E. & W. of cor. 3 ft. dist.; and raise a mound of earth 3½ ft. base, 1½ ft. high, N. of cor.
- 79.70 Fence, brs. N. & S.
- 80.16 The ¼ sec. cor. bet. secs. 21 and 22.
 Land, level bottom, cultivated.
 Soil, 1st rate.
 No timber or brush.

Returning to the ¼ sec. cor. bet. secs. 22 and 27,
 I run

N. 0° 44' W. on a true line through the middle of sec. 22.

Over level cultivated land.

- 5.01 Set an iron post 1 in. dia., for 1/256 sec. cor. of sec. 22, stamped on cap
 1/256 S 22 in center.
 1915 in S.
 Dig pits 18 x 18 x 12 ins. N. & S. of cor. 3 ft. dist.; and raise a mound of earth 3½ ft. base, 1½ ft. high, W. of cor.
- 10.02 Set an iron post 1 in. dia., in fence line bearing N. 5° W. and S. 5° E., for 1/64 sec. cor. of sec. 22, stamped on cap
 1/64 S 22 in center.
 1915 in S.
 Dig pits 18 x 18 x 12 ins. N. & S. of cor. 3 ft. dist.; and raise a mound of earth 3½ ft. base, 1½ ft. high, W. of cor.
- 11.60 Road, brs. N. 5° W. and S. 5° E.
- 14.00 Fence, brs. N. 5° W. and S. 5° E.
- 15.03 Set an iron post 1 in. dia., for 1/256 sec. cor. of sec. 22, stamped on cap
 1/256 S 22 in center.
 1915 in S.
 Dig pits 18 x 18 x 12 ins. N. & S. of cor. 3 ft. dist.; and raise a mound of earth 3½ ft. base, 1½ ft. high, W. of cor.
- 19.30 Fence, brs. E. & W.
- 20.04 Set an iron post 1 in. dia., for the S. 1/16 sec. cor. ^{on ¼ sec. line,} of sec. 22, stamped on cap

Resurvey of Subdivision lines of T. 15 S., R. 13 E.

Chains

S 1/16 in W.
 1/4 in N.
 S 22 in E.
 1/4 1915 in S.

From which a

Cottonwood 12 ins. dia., brs. S. 22 $\frac{1}{2}$ $^{\circ}$ E., 84 lks. dist.;
 mkd. S 1/16 S 22 B T.

Cottonwood 14 ins. dia., brs. S. 2 $\frac{1}{2}$ $^{\circ}$ W., 81 lks. dist.;
 mkd. S 1/16 S 22 B T.

25.05 Set an iron post 1 in. dia., for 1/256 sec. cor. of
 sec. 22, stamped on cap

1/256 S 22 in center.
 1915 in S.

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

28.90 Fence, brs. E. & W.

30.06 Set an iron post 1 in. dia., for 1/64 sec. cor. of
 sec. 22, stamped on cap

1/64 S 22 in center.
 1915 in S.

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

31.50 Fence, brs. N. 5 $^{\circ}$ E. and S. 5 $^{\circ}$ W.

35.07 Set an iron post 1 in. dia., for 1/256 sec. cor. of
 sec. 22, stamped on cap

1/256 S 22 in center.
 1915 in S.

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

40.08 The center 1/4 sec. cor. of sec. 22.

40.80 Fence, brs. N. 2 $\frac{1}{2}$ $^{\circ}$ E. and S. 2 $\frac{1}{2}$ $^{\circ}$ W.

45.08 Set an iron post 1 in. dia., for 1/256 sec. cor. of
 sec. 22, stamped on cap

1/256 S 22 in center.
 1915 in S.

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

49.20 Fence, brs. E. & W.

50.08 Set an iron post 1 in. dia., for 1/64 sec. cor. of
 sec. 22, stamped on cap

BOOK 3422

Resurvey of Subdivision lines of T. 15 S., R. 13 E.

Chains

1/64 S 22 in center.
1915 in S.

Dig pits 18 x 18 x 12 ins. N. & S. of cor. 3 ft. dist.;
and raise a mound of earth 3½ ft. base, 1½ ft. high,
N. of cor.

55.08 Set an iron post 1 in. dia., for 1/256 sec. cor. of
sec. 22, stamped on cap

1/256 S 22 in center.
1915 in S.

Dig pits 18 x 18 x 12 ins. N. & S. of cor. 3 ft. dist.;
and raise a mound of earth 3½ ft. base, 1½ ft. high,
W. of cor.

59.80 Fence, brs. E. & W.

60.08 Set an iron post 1 in. dia., for N. 1/16 sec. cor. on
¼ sec. line of sec. 22, stamped on cap

N 1/16 in W.
¼ in N.
S 22 in E.
¼ 1915 in S.

Dig pits 18 x 18 x 12 ins. N. & S. of cor. 3 ft. dist.;
and raise a mound of earth 3½ ft. base, 1½ ft. high,
W. of cor.

65.08 Set an iron post 1 in. dia., for 1/256 sec. cor. of
sec. 22, stamped on cap

1/256 S 22 in center.
1915 in S.

Dig pits 18 x 18 x 12 ins. N. & S. of cor. 3 ft. dist.;
and raise a mound of earth 3½ ft. base, 1½ ft. high,
W. of cor.

70.08 Set an iron post 1 in. dia., for 1/64 sec. cor. of
sec. 22, stamped on cap

1/64 S 22 in center.
1915 in S.

Dig pits 18 x 18 x 12 ins. N. & S. of cor. 3 ft. dist.;
and raise a mound of earth 3½ ft. base, 1½ ft. high,
W. of cor.

75.08 Set an iron post 1 in. dia., for 1/256 sec. cor. of
sec. 22, stamped on cap

1/256 S 22 in center.
1915 in S.

Dig pits 18 x 18 x 12 ins. N. & S. of cor. 3 ft. dist.;
and raise a mound of earth 3½ ft. base, 1½ ft. high,
W. of cor.

79.10 Fence, brs. E. & W.

80.08 The ¼ sec. cor. bet. secs. 15 and 22.

Land, cultivated bottom.
Soil, 1st rate.
No timber or brush.

March 18, 1915.

Resurvey of Subdivision lines of T. 15 S., R. 13 E.

Chains

March 19, 1915. At 8h 0m a.m., l.m.t., I set off 32° 7' on lat. arc, and 0° 48' S. on decl. arc, and determine a meridian with the solar at the temp. E. 1/16 sec. cor. bet. secs. 22 and 27.

Thence I run,

N. 0° 31' W. on a random line through the middle of the SE. $\frac{1}{4}$ of sec. 22, setting temp. 1/64 and 1/256 sec. cors.

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

40.06 Fall 2 lks. E. of the E. 1/16 sec. cor. on $\frac{1}{4}$ sec. line of sec. 22.

(Move temp. SE. 1/16 sec. cor. 1 lk. W.)

From the S. 1/16 sec. cor. on $\frac{1}{4}$ sec. line of sec. 22, I run

S. 89° 57' E. on a random line through the middle of the SE. $\frac{1}{4}$ of sec. 22, setting temp. 1/64 and 1/256 sec. cors.

20.00 Fall 2 $\frac{1}{2}$ lks. N. of temp SE. 1/16 sec. cor.

40.00 Fall 1 lk. N. of the true point for the S. 1/16 sec. cor. bet. secs. 22 and 23 (in Santa Cruz River).

(Therefore, the point for the SE. 1/16 sec. cor. is 2 lks. N. 0° 33' W. from the temp. SE. 1/16 sec. cor.)

Thence I run

N. 89° 56' W. on a true line through the middle of the SE. $\frac{1}{4}$ of sec. 22.

2.26 Left bank of Santa Cruz River, cut bank, 10 ft. high; course N.

Set an iron post 1 in. dia., for M. C. on S. 1/16 sec. line of sec. 22, stamped on cap

S M C in W.
S 22 in N.
S in E.
1/16 1915 in S.

Dig pits 36 x 36 x 12 ins. 8 ft. E. of cor.; and raise a mound of earth 4 ft. base, 2 ft. high, E. of cor.

Thence over open level bottom land.

3.20 Barranca, 8 ft. deep, 1 ch. wide, course N.

5.00 Set an iron post 1 in. dia., for 1/256 sec. cor. of sec. 22, stamped on cap

1/256 S 22 in center.
1915 in S.

Resurvey of Subdivision lines of T. 15 S., R. 13 E.

| Chains. | |
|---------|--|
| 10.00 | <p>Dig pits 18 x 18 x 12 ins. E. & W. of cor. 3 ft. dist.; and raise a mound of earth 3½ ft. base, 1½ ft. high, N. of cor.</p> <p>Set an iron post 1 in. dia., for 1/64 sec. cor. of sec. 22, stamped on cap</p> <p style="padding-left: 40px;">1/64 S 22 in center. 1915 in S.</p> |
| 12.40 | <p>Dig pits 18 x 18 x 12 ins. E. & W. of cor. 3 ft. dist.; and raise a mound of earth 3½ ft. base, 1½ ft. high, N. of cor.</p> <p>Indian house, 30 lks. N.</p> |
| 15.00 | <p>Set an iron post 1 in. dia., for 1/256 sec. cor. of sec. 22, stamped on cap</p> <p style="padding-left: 40px;">1/256 S 22 in center. 1915 in S.</p> |
| 20.00 | <p>Dig pits 18 x 18 x 12 ins. E. & W. of cor. 3 ft. dist.; and raise a mound of earth 3½ ft. base, 1½ ft. high, N. of cor.</p> <p>Set an iron post 1 in. dia., for the SE. 1/16 sec. cor. of sec. 22, stamped on cap</p> <p style="padding-left: 40px;">SE 1/16 S 22 in center. 1915 in S.</p> |
| 20.30 | <p>Dig pits 18 x 18 x 12 ins. E. & W. of cor. 3 ft. dist.; and raise a mound of earth 3½ ft. base, 1½ ft. high, N. of cor.</p> <p>Fence, brs. N. & S.</p> |
| 20.40 | <p>Ditch 5 lks. wide, course N.</p> |
| 25.00 | <p>Set an iron post 1 in. dia., for 1/256 sec. cor. of sec. 22, stamped on cap</p> <p style="padding-left: 40px;">1/256 S 22 in center. 1915 in S.</p> |
| 25.30 | <p>Dig pits 18 x 18 x 12 ins. E. & W. of cor. 3 ft. dist.; and raise a mound of earth 3½ ft. base, 1½ ft. high, N. of cor.</p> <p>Fence, brs. E. & W.</p> |
| 30.00 | <p>Set an iron post 1 in. dia., for 1/64 sec. cor. of sec. 22, stamped on cap</p> <p style="padding-left: 40px;">1/64 S 22 in center. 1915 in S.</p> |
| 35.00 | <p>Dig pits 18 x 18 x 12 ins. E. & W. of cor. 3 ft. dist.; and raise a mound of earth 3½ ft. base, 1½ ft. high, N. of cor.</p> <p>Set an iron post 1 in. dia., for 1/256 sec. cor. of sec. 22, stamped on cap</p> |

Resurvey of Subdivision lines in T. 15 S., R. 13 E.

| Chains | |
|--------|---|
| 39.10 | Indian house on line. |
| 40.00 | <p>The S. $1/16$ sec. cor. on $\frac{1}{4}$ sec. line of sec. 22.</p> <p>Land, cultivated level bottom, 40.00 chs. Soil, 1st rate. No timber or brush.</p> <p>-----</p> |
| | <p>Returning to the E. $1/16$ sec. cor. bet. secs. 22 and 27, I run</p> |
| | <p>N. $0^{\circ} 33'$ W. on a blank line across the "Rancho de Martinez", in sec. 22.</p> |
| 10.00 | Barranca, 8 ft. deep, 40 lks. wide; course NE. |
| 11.68 | <p>Intersect the N. bdy. of the "Rancho de Martinez" at a point 2.95 chs. N. 89° E. from cor. No. 2.</p> |
| | <p>Set an iron post 1 in. dia., for C.C. on east $1/16$ sec. line of sec. 22, stamped on cap</p> |
| | <p>C C E $1/16$ S 27 in N. R M 1915 in S.</p> |
| | <p>Dig pits $18 \times 18 \times 12$ ins. on line E. and W. of post 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> |
| | (Cor. set in fence line, bearing E. and W.) |
| | <p>Thence on a true line through the middle of the SE. $\frac{1}{4}$ of sec. 22.</p> |
| | Over level cultivated land. |
| 15.01 | <p>Set an iron post 1 in. dia., for $1/256$ sec. cor. of sec. 22, stamped on cap</p> |
| | <p>$1/256$ S 22 in center 1915 in S.</p> |
| | <p>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.</p> |
| 20.02 | The SE. $1/16$ sec. cor. of sec. 22. |
| 20.30 | Fence, brs. E. and W. |
| 20.40 | Ditch, brs. E. and W. |
| 25.03 | <p>Set an iron post 1 in. dia., for $1/256$ sec. cor. of sec. 22, stamped on cap</p> |
| | <p>$1/256$ S 22 in center 1915 in S.</p> |

Resurvey of Subdivision lines of T. 15 S., R. 13 E.

Chairs

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

30.04

Set an iron post 1 in. dia., for $1/64$ sec. cor. of
sec. 22, stamped on cap

$1/64$ S 22 in center.
1915 in S.

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

35.05

Set an iron post 1 in. dia., for $1/256$ sec. cor. of
sec. 22, stamped on cap

$1/256$ S 22 in center.
1915 in S.

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

38.00

Ditch, 5 lks. wide, course N. 10° E.

38.60

Fence, brs. E. & W.

40.06

The E. $1/16$ sec. cor. on $\frac{1}{4}$ sec. line of sec. 22.

Land, cultivated bottom.
Soil, 1st rate.
No timber or brush.

March 19, 1915. At this cor. I set off $0^{\circ} 44\frac{1}{2}'$ S.
on decl. arc, and at apparent noon, observe the sun
on the meridian; the resulting lat. is $32^{\circ} 7\frac{1}{2}'$ which
is within $1'$ of the proper lat.

From the E. $1/16$ sec. cor. on $\frac{1}{4}$ sec. line of sec. 22,
I run

N. $0^{\circ} 31'$ W. on a random line through the middle of the
NE. $\frac{1}{4}$ of sec. 22, setting temp. $1/64$ and $1/256$ sec.
cors.

20.00

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

39.96

Fall 9 lks. E. of the E. $1/16$ sec. cor. bet. secs.
15 and 22.

(Move temp. NE. $1/16$ sec. cor. $4\frac{1}{2}$ lks. W.)

From the N. $1/16$ sec. cor. on $\frac{1}{4}$ sec. line of sec. 22,
I run

S. $89^{\circ} 51'$ E. on a random line through the middle of
the NE. $\frac{1}{4}$ of sec. 22, setting temp. $1/64$ and $1/256$
sec. cors.

Resurvey of Subdivision lines of T. 15, S., R. 13. E.

Chains

- 20.04 Fall 2 lks. S. of temp. NE. 1/16 sec. cor.
- 40.10 Intersect point for N. 1/16 sec. cor. bet. secs. 22 and 23 (in Santa Cruz River).
(Therefore, the point for the NE. 1/16 sec. cor. is 2 lks. S. $0^{\circ} 39'$ E. from the temp. NE. 1/16 sec. cor.)
-
- Thence I run
- N. $89^{\circ} 51'$ W. on a true line through the middle of the NE. $\frac{1}{4}$ of sec. 22, over river bed.
- 3.05 Left bank of Santa Cruz River, cut bank 10 ft. high, course N. from SE.
- Set an iron post 1 in. dia., for the M. C. on N. 1/16 sec. line of sec. 22, stamped on cap
- N in W.
S 22 in N.
N M C in E.
1/16 1915 in S.
- Dig pit 36 x 36 x 12 ins. 8 ft. W. of cor.; and raise a mound of earth 4 ft. base, 2 ft. high, W. of cor.
- 5.01 Thence over level cultivated land.
Set an iron post 1 in. dia., for 1/256 sec. cor. of sec. 22, stamped on cap
- 1/256 S 22 in center.
1915 in S.
- Dig pits 18 x 18 x 12 ins. E. & W. of cor. 3 ft. dist.; and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, N. of cor.
- 10.03 Set an iron post 1 in. dia., for 1/64 sec. cor. of sec. 22, stamped on cap
- 1/64 S 22 in center.
1915 in S.
- Dig pits 18 x 18 x 12 ins. E. & W. of cor. 3 ft. dist.; and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, N. of cor.
- 10.40 Fence, brs. N. & S.
- 15.04 Set an iron post 1 in. dia., for 1/256 sec. cor. of sec. 22, stamped on cap
- 1/256 S 22 in center.
1915 in S.
- Dig pits 18 x 18 x 12 ins. E. & W. of cor. 3 ft. dist.; and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, N. of cor.
- 16.50 Fence, brs. N. & S.
- 20.06 Set an iron post 1 in. dia., for the NE. 1/16 sec. cor. of sec. 22, stamped on cap

Resurvey of Subdivision lines of T. 15 S., R. 13 N.

Chains

NE 1/16 S 22 in center.
1915 in S.

Dig pits 18 x 18 x 12 ins. E. & W. of cor. 3 ft. dist.;
and raise a mound of earth 3½ ft. base, 1½ ft. high,
N. of cor.

20.20 Fence, brs. N. & S.

20.30 Ditch, 5 lks. wide, course N.

25.07 Set an iron post 1 in. dia., for 1/256 sec. cor. of
sec. 22, stamped on cap

1/256 S 22 in center.
1915 in S.

Dig pits 18 x 18 x 12 ins. E. & W. of cor. 3 ft. dist.;
and raise a mound of earth 3½ ft. base, 1½ ft. high,
N. of cor.

30.08 Set an iron post 1 in. dia., for 1/64 sec. cor. of
sec. 22, stamped on cap

1/64 S 22 in center.
1915 in S.

Dig pits 18 x 18 x 12 ins. E. & W. of cor. 3 ft. dist.;
and raise a mound of earth 3½ ft. base, 1½ ft. high,
N. of cor.

30.20 Fence, brs. N. & S.

30.40 Private road, brs. N. & S.

30.50 Fence, brs. N. & S.

31.70 Ditch, 5 lks. wide, course N.

33.20 Cross fence, brs. E. & W.

Leave cultivated land.

Thence along S. side of road.

35.09 Set an iron post 1 in. dia., for 1/256 sec. cor. of
sec. 22, stamped on cap

1/256 S 22 in center.
1915 in S.

Dig pits 18 x 18 x 12 ins. E. & W. of cor. 3 ft. dist.;
and raise a mound of earth 3½ ft. base, 1½ ft. high,
N. of cor.

39.30 Road, brs. N. & S.

39.50 Fence, brs. N. & S.

40.10 The N. 1/16 sec. cor. on ¼ sec. line of sec. 22.

Land, level bottom.
Soil, 1st rate.
No timber or brush.

Resurvey of Subdivision lines of T. 15 S., R. 13 E.

Chains

Returning to the E. $1/16$ sec. cor. on $\frac{1}{2}$ sec. line of sec. 22, I run

N. $0^{\circ} 39'$ W. on a true line through the middle of the NE. $\frac{1}{4}$ of sec. 22.

Over level cultivated land.

5.00 Set an iron post 1 in. dia., for $1/256$ sec. cor. of sec. 22, stamped on cap

$1/256$ S 22 in center.
1915 in S.

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

5.20 Fence, hrs. N. 1° W. and S. 1° E.

5.50 Ditch 5 lks. wide, course N. 1° W.

9.99 Set an iron post 1 in. dia., for $1/64$ sec. cor. of sec. 22, stamped on cap

$1/64$ S 22 in center.
1915 in S.

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

14.99 Set an iron post 1 in. dia., for $1/256$ sec. cor. of sec. 22, stamped on cap

$1/256$ S 22 in center.
1915 in S.

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

19.98 The NE. $1/16$ sec. cor.

20.10 Fence, hrs. E. & W.

20.20 Road, hrs. E. & W.

20.40 Road, hrs. E. & W.

21.60 Indian house on line.

22.70 Fence, hrs. E. & W.

24.98 Set an iron post 1 in. dia., for $1/256$ sec. cor. of sec. 22, stamped on cap,

$1/256$ S 22 in center.
1915 in S.

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

29.97 Set an iron post 1 in. dia., for $1/64$ sec. cor. of sec. 22, stamped on cap

Resurvey of Subdivision lines of T. 15 S., R. 13 E.

Chains

1/64 S 22 in center.
1915 in S.

Dig pits 18 x 18 x 12 ins. N. & S. of cor. 3 ft. dist.;
and raise a mound of earth 3½ ft. base, 1½ ft. high,
W. of cor.

34.97 Set an iron post 1 in. dia., for 1/256 sec. cor. of
sec. 22, stamped on cap

1/256 S 22 in center.
1915 in S.

Dig pits 18 x 18 x 12 ins. N. & S. of cor. 3 ft. dist.;
and raise a mound of earth 3½ ft. base, 1½ ft. high,
W. of cor.

39.20 Fence, brs. E. & W.

39.96 The E. 1/16 sec. cor. bet. secs. 15 and 22.

Land, cultivated bottom.
Soil, 1st rate.
No timber or brush.

March 19, 1915.

March 20, 1915. At 8^h 0^m a.m., l.m.t., I set off
32° 7' on lat. arc, and 0° 24½' S. on decl. arc,
and determine a meridian with the solar at the
W. 1/16 sec. cor. bet. secs. 22 and 27.

Thence I run

N. 0° 44' W. on a random line through the middle of
the SW. ¼ of sec. 22, setting temp. 1/64 and 1/256
sec. cors.

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

40.04 Fall 6 lks. E. of the W. 1/16 sec. cor. on ¼ sec.
line, of sec. 22.

(Move temp. SW. 1/16 sec. cor., 3 lks. W.)

From the S. 1/16 sec. cor. bet. secs. 21 and 22, I run

S. 89° 57' E. on a random line through the middle of
the SW. ¼ of sec. 22, setting temp. 1/64 and 1/256
sec. cors.

19.98 Fall ½ lk. N. of the S. 1/16 sec. cor. on ¼ sec. line
of sec. 22.

39.98 Fall 1 lk. N. of S. 1/16 sec. cor. on ¼ sec. line of
sec. 22.

(Therefore, the temp. SW. 1/16 sec. cor. is at the
point for the SW. 1/16 sec. cor.)

Resurvey of Subdivision lines of T. 15 S., R. 13 E.

BOOK 3422

| Chains | |
|--------|---|
| | Thence I run N. 89° 56' W. on a true line through the SW. $\frac{1}{4}$ of sec. 22. Over level cultivated land. |
| .10 | Fence, N. & S. |
| .40 | Road, brs. N. & S. |
| .70 | Fence, N. & S. |
| 1.80 | Indian house, 50 lks. S. |
| 5.00 | Set an iron post 1 in. dia., for 1/256 sec. cor. of sec. 22, stamped on cap 1/256 S 22 in center. 1915 in S. |
| | Dig pits 18 x 18 x 12 ins. E. & W. of cor. 3 ft. dist.; and raise a mound of earth 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, N. of cor. |
| 9.60 | Fence, brs. N. & S. |
| 10.00 | Set an iron post 1 in. dia., for 1/64 sec. cor. of sec. 22, stamped on cap 1/64 S 22 in center. 1915 in S. |
| | Dig pits 18 x 18 x 12 ins. E. & W. of cor. 3 ft. dist.; and raise a mound of earth 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, N. of cor. |
| 15.00 | Set an iron post 1 in. dia., for 1/256 sec. cor. of sec. 22, stamped on cap 1/256 S 22 in center. 1915 in S. |
| | Dig pits 18 x 18 x 12 ins. E. & W. of cor. 3 ft. dist.; and raise a mound of earth 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, N. of cor. |
| 19.90 | Fence, brs. N. & S. |
| 19.95 | Ditch 5 lks. wide, course N. |
| 20.00 | Set an iron post 1 in. dia., for the SW. 1/16 sec. cor. of sec. 22, stamped on cap SW 1/16 S 22 in center. 1915 in S. |
| | Dig pits 18 x 18 x 12 ins. E. & W. of cor. 3 ft. dist.; and raise a mound of earth 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, N. of cor. |
| | Thence across San Xavier Mission tract on blank line. |
| 29.80 | Fence, brs. N. & S. |
| 29.99 | Set an iron post 1 in. dia., for 1/64 sec. cor. of sec. 22, on W. bdy. of San Xavier Mission, stamped on cap. 1/64 S 22 in center. 1915 in S. |

Resurvey of Subdivision lines of T. 15 S., R. 13 E.

Chains

- 34.98 Set an iron post 1 in. dia., for 1/256 sec. cor. of sec. 22, stamped on cap
1/256 S 22 in center.
1915 in S.
Dig pits 18 x 18 x 12 ins. E. & W. of cor. 3 ft. dist.; and raise a mound of earth 3½ ft. base, 1½ ft. high, N. of cor.
- 38.70 Fence, brs. N. 15° W. and S. 15° E.
- 39.98 The S. 1/16 sec. cor. bet. secs. 21 and 22.
Land, level cultivated land.
Soil, 1st rate.
No timber or brush.
-
- Returning to the W. 1/16 sec. cor. bet. secs. 22 and 27, I run
N. 0° 49' W. on a true line through the middle of the SW. ¼ of sec. 22.
Over level cultivated land.
- 4.00 Indian house, 20 lks. W. of line; and shed 30 lks. E. of line.
- 4.60 Fence, brs. E. & W.
Leave cultivated land; the gradual ascent over open land.
- 5.00 Set an iron post 1 in. dia., for 1/256 sec. cor. of sec. 22, stamped on cap
1/256 S 22 in center.
1915 in S.
Dig pits 18 x 18 x 12 ins. E. & W. of cor. 3 ft. dist.; and raise a mound of earth 3½ ft. base, 1½ ft. high, N. of cor.
- 10.00 Set an iron post 1 in. dia., for 1/64 sec. cor. of sec. 22 and the SE. cor. of San Xavier Mission Tract stamped on cap
SE cor S X M in NW.
1/64 S 22 in center.
1915 in S.
Raise a mound of stone 2 ft. base, 1½ ft. high, NW. of cor.
- 11.20 Road, brs. E. & W.; Grotto 5 chs. E.; top of ascent; desc. gradually.
- 13.60 San Xavier Mission, 60 lks. W.
- 15.00 Set an iron post 1 in. dia., for 1/256 sec. cor. of sec. 22, stamped on cap
1/256 S 22 in center.
1915 in S.

Resurvey of Subdivision lines of T. 15 S., R. 13 E.

| Chains | |
|--------|---|
| | Dig pits 18 x 18 x 12 ins. N. & S. of cor. 3 ft. dist.; and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, W. of cor. |
| 16.50 | Fence, brs. E. & W. Enter level cultivated land. |
| 16.60 | Ditch, 5 lks. wide, course W. |
| 19.10 | Fence, brs. E. & W. |
| 20.00 | The SW. $1/16$ sec. cor. of sec. 22. |
| 22.80 | Fence, brs. E. & W. |
| 24.00 | Set an iron post 1 in. dia., for the NE. cor. of San Xavier Mission tract, stamped on cap S 22 in NE. NE cor S X M in SW. 1915 in S. |
| | Dig pits 18 x 18 x 12 ins. on line S. & W. of cor. 3 ft. dist.; and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high SW. of cor. |
| 25.01 | Set an iron post 1 in. dia., for $1/256$ sec. cor. of sec. 22, stamped on cap $1/256$ S 22 in center. 1915 in S. |
| | Dig pits 18 x 18 x 12 ins. N. & S. of cor. 3 ft. dist.; and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, W. of cor. |
| 30.02 | Set an iron post 1 in. dia., for $1/64$ sec. cor. of sec. 22, stamped on cap $1/64$ S 22 in center. 1915 in S. |
| | Dig pits 18 x 18 x 12 ins. N. & S. of cor. 3 ft. dist.; and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, W. of cor. |
| 35.03 | Set an iron post 1 in. dia., for $1/256$ sec. cor. of sec. 22, stamped on cap $1/256$ S 22 in center. 1915 in S. |
| | Dig pits 18 x 18 x 12 ins. N. & S. of cor. 3 ft. dist.; and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, W. of cor. |
| 37.40 | Fence, brs. E. & W. |
| 40.04 | The W. $1/16$ sec. cor. on $\frac{1}{4}$ sec. line of sec. 22. Land, level 33.44 chs.; rolling 6.60. Soil, 1st rate 33.44 chs.; 2nd rate 6.60 chs. No timber or brush. |

March 20, 1915. At this cor. I set off $0^{\circ} 21'$ S. on decl. arc, and at apparent noon, observe the sun on

Resurvey of Subdivision lines of T. 15 S., R. 13 E.

Chains

the meridian; the resulting lat. is $32^{\circ} 7\frac{1}{2}'$ which is within 1' of the proper lat.

From $\frac{1}{64}$ sec. cor. bet. secs. 22 and 27, on S. bdy. of the SW. $\frac{1}{4}$ of SW. $\frac{1}{4}$ of sec. 22, I run

N. $0^{\circ} 48'$ W. on a random line.

10.00 Set temp. SW. cor. of San Xavier Mission tract.

20.00 Fall 1 lk. E. of $\frac{1}{64}$ sec. cor. on N. bdy. of SW. $\frac{1}{4}$ of SW. $\frac{1}{4}$ of sec. 22.

(I move temp. cor. $\frac{1}{2}$ lk. W.)

From the $\frac{1}{64}$ sec. cor. on W. bdy. of the SW. $\frac{1}{4}$ of the SW. $\frac{1}{4}$ of sec. 22, I run

S. $89^{\circ} 58'$ E. on a random line.

9.98 Fall $\frac{1}{2}$ lk. N. of temp. cor.

19.97 Fall 1 lk. N. of $\frac{1}{64}$ sec. cor. on E. bdy. of SW. $\frac{1}{4}$ of SW. $\frac{1}{4}$ of sec. 22.

(Therefore, the temp. cor. is at ^{the} \wedge point for the center of the SW. $\frac{1}{4}$ of the SW. $\frac{1}{4}$ of sec. 22.)

Thence I run,

N. $89^{\circ} 56'$ W. on a true line through the middle of the SW. $\frac{1}{4}$ of the SW. $\frac{1}{4}$ of sec. 22.

Over open mesa land.

1.50 Road, brs. N. & S.

8.50 Road, brs. NW. & SE.

9.20 Road, brs. NE. & SW.

9.99 Set an iron post 1 in. dia., for the SW. cor. of San Xavier Mission tract, stamped on cap

SW cor S X M in NE.
S 22 in SE.
1915 in S.

Pits and mound impracticable.

19.97 The $\frac{1}{64}$ sec. cor. previously described.

Land, mesa 19.97.

Soil, 2nd rate.

No timber or brush.

Returning to the $\frac{1}{64}$ sec. cor. previously described.

N. $0^{\circ} 50'$ W. on a true line through the middle of the SW. $\frac{1}{4}$ of the SW. $\frac{1}{4}$ of sec. 22.

Resurvey of Subdivision lines of T. 15 S., R. 13 E.

| Chains | |
|--------|---|
| | Over open mesa land. |
| 9.50 | Road, brs. NE. & SW. |
| 10.00 | The 1/64 sec. cor. of sec. 22, and the SW. cor. of San Xavier Mission tract at the center of the SW. 1/4 of the SW. 1/4 of sec. 22. |
| | Thence along W. bdy. of San Xavier Mission tract. |
| 11.20 | Junction of roads: brs. E. & W. and SW. |
| 11.50 | Cor. of fences, brs. N. & E. |
| 12.40 | Priest's house, 150 lks. E. |
| 16.70 | Fence, brs. E. & W. |
| | Leave mesa and enter cultivated land. |
| 20.00 | The 1/64 sec. cor. previously described, on W. bdy. of San Xavier Mission tract. |
| | Land, mesa 16.70 chs.; cultivated bottom 3.30 chs. Soil, 2nd rate 16.70 chs.; 1st rate 3.30 chs. No timber or brush. |
| | ----- |
| | From this 1/64 sec. cor. I run |
| | N. 0° 52' W. on a true line through the middle of the NW. 1/4 of the SW. 1/4 of sec. 22 (cor. visible 20.02 chs. N.) along W. bdy. of San Xavier Mission tract. |
| | Over level cultivated land. |
| 2.60 | Fence, brs. E. & W. |
| 4.00 | Set an iron post 1 in. dia., for the NW. cor. of San Xavier Mission tract, stamped on cap |
| | S 22 in NW. NW cor S X M in SE. 1915 in S. |
| | Dig pits 18 x 18 x 12 ins. on line S. and E. of cor. 3 ft. dist.; and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high, SE. of cor. |
| 20.02 | The 1/64 sec. cor., previously described. |
| | Land, cultivated bottom, 4 chs. Soil, 1st rate. No timber or brush. |
| | ----- |
| | From the NW. cor. of San Xavier Mission tract, I run |
| | S. 89° 56' E. on a true line (NE. cor. visible). |
| | Over level cultivated land. |
| 4.50 | Fence, brs. N. & S. |
| 9.80 | Ditch, 5 lks. wide, course N. |

Resurvey of Subdivision lines of T. 15 S., R. 13 E.

Chains

9.99

The NE. cor. of San Xavier Mission tract, previously described.

Land, cultivated bottom, 9.99 chs.
Soil, 1st rate.
No timber or brush.

March 20, 1915.

March 22, 1915. At 8^h 0^m a.m., l.m.t., I set off 32° 7½' on lat. arc, and 0° 23' N. on decl. arc, and determine a meridian with the solar at the W. 1/16 sec. cor. on ¼ sec. line of sec. 22.

Thence I run

N. 0° 44' W. on a random line through the middle of the NW. ¼ of sec. 22, setting temp. 1/64 and 1/256 sec. cors.

20.00

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

40.04

Fall 6 lks. E. of the W. 1/16 sec. cor. bet. secs. 15 and 22.

(Move temp. NW. 1/16 sec. cor., 3 lks. W.)

From the N. 1/16 sec. cor. bet. secs. 21 and 22, I run

S. 89° 51' E. on a random line through the middle of the NW. ¼ of sec. 22, setting temp. 1/64 and 1/256 sec. cors.

20.08

Intersect temp. NW. 1/16 sec. cor.

40.14

Intersect the N. 1/16 sec. cor. on ¼ sec. line of sec. 22.

(Therefore, temp. NW. 1/16 sec. cor. is at point for NW. 1/16 sec. cor.)

Thence I run

N. 89° 51' W. on a true line through the middle of the NW. ¼ of sec. 22.

Over level cultivated land.

5.02

Set an iron post 1 in. dia., for 1/256 sec. cor. of sec. 22, stamped on cap

1/256 S 22 in center.
1915 in S.

Dig pits 18 x 18 x 12 ins. E. & W. of cor. 3 ft. dist.; and raise a mound of earth 3½ ft. base, 1½ ft. high, N. of cor.

7.20

Fence, brs. N. & S.

10.03

Set an iron post 1 in. dia., for 1/64 sec. cor. of sec. 22, stamped on cap

Resurvey of Subdivision lines of T. 15 S., R. 13 E.

Chains

- 1/64 S 22 in center.
1915 in S.
- Dig pits 18 x 18 x 12 ins. E. & W. of cor. 3 ft. dist.;
and raise a mound of earth 3½ ft. base, 1½ ft. high,
N. of cor.
- 15.05 Set an iron post 1 in. dia., for 1/256 sec. cor. of
sec. 22, stamped on cap
- 1/256 S 22 in center.
1915 in S.
- Dig pits 18 x 18 x 12 ins. E. & W. of cor. 3 ft. dist.;
and raise a mound of earth 3½ ft. base, 1½ ft. high,
N. of cor.
- 19.40 Fence, brs. N. & S.
- 20.06 Set an iron post 1 in. dia., for the NW. 1/16 sec. cor.
of sec. 22, stamped on cap
- NW 1/16 S 22 in center.
1915 in S.
- Dig pits 18 x 18 x 12 ins. E. & W. of cor. 3 ft. dist.;
and raise a mound of earth 3½ ft. base, 1½ ft. high,
N. of cor.
- 20.40 Ditch, 5 lks. wide, course N.
- 25.08 Set an iron post 1 in. dia., for 1/256 sec. cor. of
sec. 22, stamped on cap
- 1/256 S 22 in center.
1915 in S.
- Dig pits 18 x 18 x 12 ins. E. & W. of cor. 3 ft. dist.;
and raise a mound of earth 3½ ft. base, 1½ ft. high,
N. of cor.
- 30.10 Set an iron post 1 in. dia., for 1/64 sec. cor. of
sec. 22, stamped on cap
- 1/64 S 22 in center.
1915 in S.
- Dig pits 18 x 18 x 12 ins. E. & W. of cor. 3 ft. dist.;
and raise a mound of earth 3½ ft. base, 1½ ft. high,
N. of cor.
- 35.12 Set an iron post 1 in. dia., for 1/256 sec. cor. of
sec. 22, stamped on cap
- 1/256 S 22 in center.
1915 in S.
- Dig pits 18 x 18 x 12 ins. E. & W. of cor. 3 ft. dist.;
and raise a mound of earth 3½ ft. base, 1½ ft. high,
N. of cor.
- 39.40 Ditch, 5 lks. wide, course N.
- 39.50 Fence, brs. N. & S.
- 40.14 The N. 1/16 sec. cor. bet. secs. 21 and 22.

3422

Resurvey of Subdivision lines of T. 15 S., R. 13 E.

Chains

Land, cultivated bottom land.
Soil, 1st rate.
No timber or brush.

Returning to the W. $1/16$ sec. cor. on $\frac{1}{4}$ sec. line of
sec. 22, I run

N. $0^{\circ} 49'$ W. on a true line through the middle of
the NW. $\frac{1}{4}$ of sec. 22.

Over level cultivated land.

5.00 Set an iron post 1 in. dia., for $1/256$ sec. cor. of
sec. 22, stamped on cap

$1/256$ S 22 in center.
1915 in S.

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

8.30 Fence, brs. E. & W.

10.00 Set an iron post 1 in. dia., for $1/64$ sec. cor. of
sec. 22, stamped on cap

$1/64$ S 22 in center.
1915 in S.

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

15.00 Set an iron post 1 in. dia., for $1/256$ sec. cor. of
sec. 22, stamped on cap

$1/256$ S 22 in center.
1915 in S.

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

18.80 Fence, brs. E. & W.

20.00 The NW. $1/16$ sec. cor. of sec. 22.

25.01 Set an iron post 1 in. dia., for $1/256$ sec. cor. of
sec. 22, stamped on cap

$1/256$ S 22 in center.
1915 in S.

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

30.02 Set an iron post 1 in. dia., for $1/64$ sec. cor. of
sec. 22, stamped on cap

$1/64$ S 22 in center.
1915 in S.

Resurvey of Subdivision lines of T. 15 S., R. 13 E.

Chains

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

35.03 Set an iron post 1 in. dia., for $1/256$ sec. cor. of
sec. 22, stamped on cap

$1/256$ S 22 in center.
1915 in S.

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

38.70 Fence, brs. E. & W.

40.04 The W. $1/16$ sec. cor. bet. secs. 15 and 22.

Land, cultivated bottom.
Soil, 1st rate.
No timber or brush.

March 22, 1915.

Feb. 20, 1915. At 8^h 0^m a.m., l.m.t., I set off
 $32^{\circ} 7\frac{1}{2}'$ on lat. arc, and $11^{\circ} 7\frac{1}{2}'$ S. on decl. arc.
and determine a meridian with the solar at the cor.
of secs. 15, 16, 21 and 22, previously described.

Thence I run

N. $0^{\circ} 35'$ E. on a true line bet. secs. 15 and 16,
along E. bdy. of Papago Indian Reservation.

Over cultivated land.

5.00 The proportional point for $1/256$ sec. cor. bet. secs.
15 and 16.

Set an iron post 1 in. dia., stamped on cap

$1/256$ in N.
S 16 P I R in W.
S 15 in E.
1915 in S.

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

8.60 Fence, brs. E. & W.

10.01 The proportional point for $1/64$ sec. cor. bet. secs.
15 and 16.

$1/64$ in N.
S 16 P I R in W.
S 15 in E.
1915 in S.

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

Resurvey of Subdivision lines of T. 15 S., R. 13 E.

Chains

- 15.01 The proportional point for $1/256$ sec. cor. bet. secs. 15 and 16.
Set an iron post 1 in. dia., stamped on cap
 $1/256$ in N.
S 16 P I R in W.
S 15 in E.
1915 in S.
Dig pits 18 x 18 x 12 ins. N. & S. of cor. 3 ft. dist.; and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, W. of cor.
- 19.00 Fence, brs. E. & W.
- 20.02 The proportional point for the S. $1/16$ sec. cor. bet. secs. 15 and 16.
S $1/16$ in N
S 16 P I R in W.
S 15 in E.
1915 in S.
From which a
Cottonwood 30 ins. dia., brs. S. $10\frac{1}{2}^{\circ}$ E., 105 lks. dist.; mkd. S $1/16$ S 15 B T.
Dig pits 18 x 18 x 12 ins. N. & S. of cor. 3 ft. dist.; and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, W. of cor.
- 25.03 The proportional point for $1/256$ sec. cor. bet. secs. 15 and 16.
Set an iron post 1 in. dia., stamped on cap
 $1/256$ in N.
S 16 P I R in W.
S 15 in E.
1915 in S.
Dig pits 18 x 18 x 12 ins. N. & S. of cor. 3 ft. dist.; and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, W. of cor.
- 30.03 The proportional point for $1/64$ sec. cor. bet. secs. 15 and 16.
Set an iron post 1 in. dia., stamped on cap
 $1/64$ in N.
S 16 P I R in W.
S 15 in E.
1915 in S.
Dig pits 18 x 18 x 12 ins. N. & S. of cor. 3 ft. dist.; and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, W. of cor.
- 35.04 The proportional point for $1/256$ sec. cor. bet. secs. 15 and 15.
Set an iron post 1 in. dia., stamped on cap

Resurvey of Subdivision lines of T. 15 S., R. 13 E.

| Chains | |
|--------|---|
| | <p>1/256 in N. S 16 P I R in W. S 15 in E. 1915 in S.</p> <p>Dig pits 18 x 18 x 12 ins. N. & S. of cor. 3 ft. dist.; and raise a mound of earth 3½ ft. base, 1½ ft. high, W. of cor.</p> |
| 39.20 | Fence, brs. E. & W. |
| 40.05 | <p>The proportional point for ¼ sec. cor. bet. secs. 15 and 16.</p> <p>Set an iron post 1 in. dia., stamped on cap</p> <p>1/4 in N. S 16 P I R in W. S 15 in E. 1915 in S.</p> <p>From which a</p> <p>Mesquite 6 ins. dia., brs. S. 36½° E., 32 lks. dist., mkd. ¼ S 15 B T.</p> <p>Cottonwood 10 ins. dia., brs. N. 5¾° E., 178 lks. dist.; mkd. ¼ S 15 B T.</p> |
| 45.05 | <p>The proportional point for 1/256 sec. cor. bet. secs. 15 and 16.</p> <p>Set an iron post 1 in. dia., stamped on cap</p> <p>1/256 in N. S 16 P I R in W. S 15 in E. 1915 in S.</p> <p>Dig pits 18 x 18 x 12 ins. N. & S. of cor. 3 ft. dist.; and raise a mound of earth 3½ ft. base, 1½ ft. high, W. of cor.</p> |
| 50.06 | <p>The proportional point for 1/64 sec. cor. bet. secs. 15 and 16.</p> <p>Set an iron post 1 in. dia., stamped on cap</p> <p>1/64 in N. S 16 P I R in W. S 15 in E. 1915 in S.</p> <p>Dig pits 18 x 18 x 12 ins. N. & S. of cor. 3 ft. dist.; and raise a mound of earth 3½ ft. base, 1½ ft. high, W. of cor.</p> |
| 55.06 | <p>The proportional point for 1/256 sec. cor. bet. secs. 15 and 16.</p> <p>Set an iron post 1 in. dia., stamped on cap</p> <p>1/256 in N. S 16 P I R in W. S 15 in E. 1915 in S.</p> <p>Dig pits 18 x 18 x 12 ins. N. & S. of cor. 3 ft. dist.; and raise a mound of earth 3½ ft. base, 1½ ft. high, W. of cor.</p> |

Resurvey of Subdivision lines of T. 15 S., R. 13 E.

Chains

- 59.10 Fence, brs. E. & W.
- 60.07 The proportional point for the N. 1/16 sec. cor. bet. secs. 15 and 16.
Set an iron post 1 in. dia., stamped on cap
N 1/16 in N.
S 16 P I R in W.
S 15 in E.
1915 in S.
Dig pits 18 x 18 x 12 ins. N. & S. of cor. 3 ft. dist.; and raise a mound of earth 3½ ft. base, 1½ ft. high, W. of cor.
- 65.07 The proportional point for 1/256 sec. cor. bet. secs. 15 and 16.
Set an iron post 1 in. dia., stamped on cap
1/256 in N.
S 16 P I R in W.
S 15 in E.
1915 in S.
Dig pits 18 x 18 x 12 ins. N. & S. of cor. 3 ft. dist.; and raise a mound of earth 3½ ft. base, 1½ ft. high, W. of cor.
- 70.08 The proportional point for 1/64 sec. cor. bet. secs. 15 and 16.
Set an iron post 1 in. dia., stamped on cap
1/64 in N.
S 16 P I R in W.
S 15 in E.
1915 in S.
Dig pits 18 x 18 x 12 ins. N. & S. of cor. 3 ft. dist.; and raise a mound of earth 3½ ft. base, 1½ ft. high, W. of cor.
- 72.50 Fence, brs. E. & W.
- 75.08 The proportional point for 1/256 sec. cor. bet. secs. 15 and 16.
Set an iron post 1 in. dia., stamped on cap
1/256 in N.
S 16 P I R in W.
S 15 in E.
1915 in S.
Dig pits 18 x 18 x 12 ins. N. & S. of cor. 3 ft. dist.; and raise a mound of earth 3½ ft. base, 1½ ft. high, W. of cor.
- 79.20 Fence, brs. E. & W.
Leave cultivated land.
- 79.59 Road, brs. E. & W.

Resurvey of Subdivision lines of T. 15 S., R. 13 E.

Chains

80.09 The proportional point for the cor. of secs. 9, 10,
15 and 16.

Land, level bottom.
Soil, 1st rate.
No timber or brush.

Feb. 20, 1915. At this cor. I set off $11^{\circ} 5'$ S. on
decl. arc, and at apparent noon observe the sun on
the meridian; the resulting lat. is $32^{\circ} 8\frac{1}{2}'$ which
is the proper lat.

Thence N. $0^{\circ} 13'$ E. on a true line bet. secs. 9 and 10,
along E. bdy. of Papago Indian Reservation.

Over level bottom land.

5.00 Set an iron post 1 in. dia., for $1/256$ sec. cor. bet.
secs. 9 and 10, stamped on cap

$1/256$ in N.
S 9 P I R in W.
S 10 in E.
1915 in S.

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

10.01 Set an iron post 1 in. dia., for $1/64$ sec. cor. bet.
secs. 9 and 10, stamped on cap

$1/64$ in N.
S 9 P I R in W.
S 10 in E.
1915 in S.

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

15.01 Set an iron post 1 in. dia., for $1/256$ sec. cor. bet.
secs. 9 and 10, stamped on cap

$1/256$ in N.
S 9 P I R in W.
S 10 in E.
1915 in S.

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

17.40 Fence, brs. E. & W.

20.02 Set an iron post 1 in. dia., for S. $1/16$ sec. cor. bet.
secs. 9 and 10, stamped on cap

S $1/16$ in N.
S 9 P I R in W.
S 10 in E.
1915 in S.

Dig pits 18 x 18 x 12 ins. N. & S. of cor. 3 ft. dist.;

BOOK # 2422

Resurvey of Subdivision lines of T. 15 S., R. 13 E.

| Chains | |
|--------|--|
| | and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, W. of cor. |
| 23.80 | Arroyo, 8 ft. deep, 15 lks. wide, course N. 10° E. |
| 25.02 | Set an iron post 1 in. dia., for $1/256$ sec. cor. bet. secs. 9 and 10, stamped on cap $1/256$ in N. S 9 P I R in W. S 10 in E. 1915 in S. |
| | Dig pits 18 x 18 x 12 ins. N. & S. of cor. 3 ft. dist.; and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, W. of cor. |
| 30.03 | Set an iron post 1 in. dia., for $1/64$ sec. cor. bet. secs. 9 and 10, stamped on cap $1/64$ in N. S 9 P I R in W. S 10 in E. 1915 in S. |
| | Dig pits 18 x 18 x 12 ins. N. & S. of cor. 3 ft. dist.; and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, W. of cor. |
| 35.04 | Set an iron post 1 in. dia., for $1/256$ sec. cor. bet. secs. 9 and 10, stamped on cap $1/256$ in N. S 9 P I R in W. S 10 in E. 1915 in S. |
| | Dig pits 18 x 18 x 12 ins. N. & S. of cor. 3 ft. dist.; and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, W. of cor. |
| 40.05 | Set an iron post 1 in. dia., for $\frac{1}{4}$ sec. cor. bet. secs. 9 and 10, stamped on cap $\frac{1}{4}$ in N. S 9 P I R in W. S 10 in E. 1915 in S. |
| | Dig pits 18 x 18 x 12 ins. N. & S. of cor. 3 ft. dist.; and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, W. of cor. |
| 45.05 | Set an iron post 1 in dia., for $1/256$ sec. cor. bet. secs. 9 and 10, stamped on cap $1/256$ in N. S 9 P I R in W. S 10 in E. 1915 in S. |
| | Dig pits 18 x 18 x 12 ins. N. & S. of cor. 3 ft. dist.; and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, W. of cor. |
| 50.06 | Set an iron post 1 in. dia., for $1/64$ sec. cor. bet. secs. 9 and 10, stamped on cap |

Resurvey of Subdivision lines of T. 15 S., R. 13 E.

Chains

1/64 in N.
S 9 P I R in W.
S 10 in E.
1915 in S.

Dig pits 18 x 18 x 12 ins. N. & S. of cor. 3 ft. dist.;
and raise a mound of earth 3½ ft. base, 1½ ft. high,
W. of cor.

55.06 Set an iron post 1 in. dia., for 1/256 sec. cor. bet.
secs. 9 and 10, stamped on cap

1/256 in N.
S 9 P I R in W.
S 10 in E.
1915 in S.

Dig pits 18 x 18 x 12 ins. N. & S. of cor. 3 ft. dist.;
and raise a mound of earth 3½ ft. base, 1½ ft. high,
W. of cor.

55.40 Wash, 10 lks. wide, course NE.

59.10 Fence, brs. E. & W.

60.07 Set an iron post 1 in. dia., for N. 1/16 sec. cor. bet.
secs. 9 and 10, stamped on cap

N 1/16 in N.
S 9 P I R in W.
S 10 in E.
1915 in S.

Dig pits 18 x 18 x 12 ins. N. & S. of cor. 3 ft. dist.;
and raise a mound of earth 3½ ft. base, 1½ ft. high,
W. of cor.

62.50 House, 2 chs. N.

65.07 Set an iron post 1 in. dia., for 1/256 sec. cor. bet.
secs. 9 and 10, stamped on cap

1/256 in N.
S 9 P I R in W.
S 10 in E.
1915 in S.

Dig pits 18 x 18 x 12 ins. N. & S. of cor. 3 ft. dist.;
and raise a mound of earth 3½ ft. base, 1½ ft. high,
W. of cor.

70.08 Set an iron post 1 in. dia., for 1/64 sec. cor. bet.
secs. 9 and 10, stamped on cap

1/64 in N.
S 9 P I R in W.
S 10 in E.
1915 in S.

Dig pits 18 x 18 x 12 ins. N. & S. of cor. 3 ft. dist.;
and raise a mound of earth 3½ ft. base, 1½ ft. high,
W. of cor.

75.08 Set an iron post 1 in. dia., for 1/256 sec. cor. bet.
secs. 9 and 10, stamped on cap

1/256 in N.
S 9 P I R in W.
S 10 in E.
1915 in S.

Resurvey of Subdivision lines of T. 15 S., R. 13 E.

| | |
|--------|--|
| Chains | Dig pits 18 x 18 x 12 ins. N. & S. of cor. 3 ft. dist.; and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, W. of cor. |
| 79.20 | Fence, brs. E. & W. |
| 79.50 | Road, brs. E. & W. |
| 79.80 | Fence, brs. E. & W. |
| 80.09 | The proportional point for the cor. of secs. 3, 4, 9 and 10, on the Papago Indian Reservation bdy. Set an iron post 3 ins. dia., stamped on cap T 15 S S 4 in NW. R 13 E S 3 in NE. S 10 in SE. P I R S 9 in SW. 1915 in S. Dig pits 18 x 18 x 12 ins. in each sec. $5\frac{1}{2}$ ft. dist.; and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, W. of cor. Land, level bottom. Soil, 1st rate. Scattered mesquite, 80.09 chs. Feb. 20, 1915. |
| | Feb. 22, 1915. At 8 ^h 0 ^m a.m., l.m.t., I set off 32° 5' on lat. arc, and 10° 24' S. on decl. arc, and determine a meridian with the solar at the S. C. of secs. 32 and 33, on S. bdy. of tp. pre- viously described. Thence I run N. 0° 19' W. on a true line bet. secs. 32 and 33. Over nearly level mesa land, through mesquite brush, cactus and scattered mesquite timber. |
| 40.06 | The proportional point for $\frac{1}{4}$ sec. cor. bet. secs. 32 and 33. Set an iron post 1 in. dia., stamped on cap $\frac{1}{4}$ in N. S 32 in W. S 33 in E. 1915 in S. Dig pits 18 x 18 x 12 ins. N. & S. of cor. 3 ft. dist.; and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, W. of cor. Mesquite 10 ins. dia., brs. S. 70 $\frac{1}{2}$ ° E., 45 lks. dist.; mkd. $\frac{1}{4}$ S 33 B T. No other B. T.s available. |
| 44.10 | Road, Tucson to Nogales, brs. NE. & SW. |
| 67.60 | Wash, 40 lks. wide, course N. 60° E. |
| 75.00 | Begin ascent, rocky SE. slope of "Black Mountain." |
| 80.12 | The proportional point for the cor. of secs. 28, 29, 32 and 33. |

Resurvey of Subdivision lines of T. 15 S., R. 13 E.

Chains

Set an iron post 2 ins. dia., stamped on cap

T 15 S S 29 in NW.
 R 13 E S 28 in NE.
 S 33 in SE.
 S 32 in SW.
 1915 in S.

Build a mound of stone around post.

Land, nearly level, 75.00 chs.; mountainous 5.12 chs.
 Soil, 2nd rate 5.12 chs.; 4th rate 75.00 chs.
 Timber, scattered mesquite.
 Brush, mesquite and cactus.

Thence N. 89° 47' E. on a true line bet. secs. 28 and 33.

Desc. rocky SE. slope of "Black Mountain" through scattered mesquite timber; mesquite brush and cactus.

9.60 Foot of descent, brs. NE. & SW.

Nearly level mesa land.

22.30 Wash, 40 lks. wide, course NE.

33.50 Road, Tucson to Nogales, brs. NE. & SW.

40.21 The proportional point for the $\frac{1}{4}$ sec. cor. bet. secs. 28 and 33.

Set an iron post 1 in. dia., stamped on cap

$\frac{1}{4}$ in W.
 S 28 in N.
 S 33 in S.
 1915 in S.

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

No B. T.s available.

46.90 Wash, 15 lks. wide, course NE.

64.70 Wash, 20 lks. wide, course NE.

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

Land, mountainous, 9.60 chs.; nearly level mesa, 70.81 chs..
 Soil, 4th rate 9.60 chs.; 2nd rate 70.81 chs.

Feb. 22, 1915. At this cor. I set off 10° 21 $\frac{1}{2}$ ' N. on
 decl. arc, and at apparent noon observe the sun on
 the meridian; the resulting lat. is 32° 6' which is
 the proper lat.

From the cor. of secs. 28, 29, 32 and 33, I run

N. 2° 00' E. on a true line bet. secs. 28 and 29.

Resurvey of Subdivision lines of T. 13 S., R. 13 E.

Chains

Asc. rocky SE. slope of "Black Mountain" through scattered mesquite timber; mesquite brush and giant cactus.

21.50 Top of ascent, brs. N. 60° E. and S. 60° W.

Begin descent of N. slope.

40.08 The proportional point for $\frac{1}{4}$ sec. cor. bet. secs. 28 and 29.

Set an iron post 1 in. dia., set 6 ins. in ground, stamped on cap

$\frac{1}{4}$ in N.
S 29 in W.
S 28 in E.
1915 in S.

Build mound of stone around post.

No suitable B. T.s available.

47.50 Foot of descent, brs. E. & W.

Thence over nearly level mesa land.

Also enter greasewood and leave giant cacti.

80.17 The old cor. of secs. 20, 21, 28 and 29, which is a malpais 20 x 12 x 8 ins., well set and plainly mkd.

2 notches on S.
4 notches on E.

N. and alongside set an iron post 3 ins. dia., stamped on cap (on N. bdy. of Papago Indian Res'n.)

T 15 S S 20 in NW.
R 13 E S 21 in NE.
S 28 in SE.
S 29 in SW.
P I R 1915 in S.

No B. T.s available.

Dig pits 18 x 18 x 12 ins. in each sec. 5 $\frac{1}{2}$ ft. dist.; and raise a mound of earth 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor.

Land, mountainous, 47.50 chs.; nearly level, 32.67 chs.
Soil, rocky 4th rate 47.50 chs.; 2nd rate 32.67 chs.
Timber, scattered mesquite.
Brush, mesquite, greasewood and cactus.

Thence N. 89° 48' E. on a true line bet. secs. 21 and 28, 28, along N. bdy. of Papago Indian Reservation.

Over nearly level land, through mesquite brush, greasewood and cactus.

19.94 The proportional point for the W. 1/16 sec. cor. bet. secs. 21 and 28.

Resurvey of Subdivision lines of T. 15 S., R. 13 E.

Chains

Set an iron post 1 in. dia., stamped on cap

W $1/16$ in W.
S 21 in N.
S 28 P I R 1915 in S.

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

39.89 The proportional point for $\frac{1}{4}$ sec. cor. bet. secs. 21
and 28, on the Papago Indian Reservation bdy.

Set an iron post 3 ins. dia., stamped on cap

$\frac{1}{4}$ in W.
S 21 in N.
S 28 P I R 1915 in S.

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

44.87 The proportional point for $1/256$ sec. cor. bet.
secs. 21 and 28.

Set an iron post 1 in. dia., stamped on cap

$1/256$ in W.
S 21 in N.
S 28 1915 in S.

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

49.10 Road, Tucson to Nogales, brs. N. & S.

49.86 The proportional point for $1/64$ sec. cor. of sec. 22.

Set an iron post 1 in. dia., stamped on cap

$1/64$ in W.
S 21 in N.
S 28 1915 in S.

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

53.60 Road, brs. NE. & SW.

54.84 The proportional point for $1/256$ sec. cor. bet. secs.
21 and 28.

Set an iron post 1 in. dia., stamped on cap

$1/256$ in W.
S 21 in N.
S 28 1915 in S.

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

Resurvey of Subdivision lines of T. 15 S., R. 13 E.

| Chains | |
|--------|---|
| 59.83 | <p>The proportional point for the E. 1/16 sec. cor. bet. secs. 21 and 28.</p> <p>Set an iron post 1 in. dia., stamped on cap</p> <p style="padding-left: 40px;">E 1/16 in W. S 21 in E. S 28 1915. in S.</p> <p>Dig pits 18 x 18 x 12 ins. E. & W. of cor. 3 ft. dist.; and raise a mound of earth 3½ ft. base, 1½ ft. high, N. of cor.</p> |
| 61.30 | Road, brs. N. & S. |
| 64.82 | <p>The proportional point for 1/256 sec. cor. bet. secs. 21 and 28.</p> <p>Set an iron post 1 in. dia., stamped on cap</p> <p style="padding-left: 40px;">1/256 in W. S 21 in N. S 28 1915. in S.</p> <p>Dig pits 18 x 18 x 12 ins. E. & W. of cor. 3 ft. dist.; and raise a mound of earth 3½ ft. base, 1½ ft. high, N. of cor.</p> |
| 68.70 | Wash, 10 lks. wide, course NE. |
| 69.80 | <p>The proportional point for 1/64 sec. cor. bet. secs. 21 and 28.</p> <p>Set an iron post 1 in. dia., stamped on cap</p> <p style="padding-left: 40px;">1/64 in W. S 21 in N. S 28 1915. in S.</p> <p>Dig pits 18 x 18 x 12 ins. E. & W. of cor. 3 ft. dist.; and raise a mound of earth 3½ ft. base, 1½ ft. high, N. of cor.</p> |
| 70.10 | Road, brs. NW. & SE. |
| 74.79 | <p>The proportional point for 1/256 sec. cor. bet. secs. 21 and 28.</p> <p>Set an iron post 1 in. dia., stamped on cap</p> <p style="padding-left: 40px;">1/256 in W. S 21 in N. S 28 1915 in S.</p> <p>Dig pits 18 x 18 x 12 ins. E. & W. of cor. 3 ft. dist.; and raise a mound of earth 3½ ft. base, 1½ ft. high, N. of cor.</p> |
| 79.78 | <p>The cor. of secs. 21, 22, 27 and 28.</p> <p>Land, nearly level mesa. Soil, 2nd rate. Timber, scattered mesquite. Brush, mesquite, greasewood and cactus.</p> |

Feb. 22, 1915.

Resurvey of Subdivision lines of T. 15 S., R. 13 E.

Chains

Feb. 23, 1915. At 8^h 0^m a.m., l.m.t., I set off 32° 7' on lat. arc, and 10° 2' S. on decl. arc, and determine a meridian with the solar at the cor. of secs. 20, 21, 28 and 29, previously described.

(For the purpose of reestablishing the W. bdy. of Papago Indian Reservation, which runs through the center of secs. 9, 16 and 21)

Thence I run

N. 1° 8' W. on a true line bet. secs. 20 and 21.

Over nearly level mesa land, through mesquite brush, greasewood and cactus.

17.90 Road, brs. E. & W.

40.01 The proportional point for $\frac{1}{4}$ sec. cor. of secs. 20 and 21. Set temp. only.

80.02 The proportional point for the cor. of secs. 16, 17, 20 and 21. Set temp. only.

Thence N. 89° 45' E. on a true line bet. secs. 16 and 21.

Over nearly level mesa land, through mesquite brush, Greasewood and cactus.

40.06 The proportional point for $\frac{1}{4}$ sec. cor. bet. secs. 16 and 21.

Set an iron post 3 ins. dia., for the $\frac{1}{4}$ sec. cor. bet. secs. 16 and 21, on Papago Indian Reservation bdy., stamped on cap

$\frac{1}{4}$ in W.
S 16 in N.
P I R in E.
S 21 1915 in S.

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

41.00 Fence, brs. N. & S.

45.07 The proportional point for $\frac{1}{256}$ sec. cor. bet. secs. 16 and 21.

Set an iron post 1 in. dia., stamped on cap

$\frac{1}{256}$ in W.
S 16 in N.
S 21 1915 in S.

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

50.08 The proportional point for $\frac{1}{64}$ sec. cor. bet. secs. 16 and 21.

Set an iron post 1 in. dia., stamped on cap

Resurvey of Subdivision lines of T. 15 S., R. 13 E.

Chains

1/64 in W.
S 16 in N.
S 21 1915 in S.

Dig pits 18 x 18 x 12 ins. E. & W. of cor. 3 ft. dist.;
and raise a mound of earth 3½ ft. base, 1½ ft. high,
N. of cor.

52.20 Road, Tucson to Nogales, Mrs. N. & S.

55.09 The proportional point for 1/256 sec. cor. bet.
secs. 16 and 21.

Set an iron post 1 in. dia., stamped on cap

1/256 in W.
S 16 in N.
S 21, 1915 in S.

Dig pits 18 x 18 x 12 ins. E. & W. of cor. 3 ft. dist.;
and raise a mound of earth 3½ ft. base, 1½ ft. high,
N. of cor.

60.10 The proportional point for the E. 1/16 sec. cor.
bet. secs. 16 and 21.

Set an iron post 1 in. dia., stamped on cap

E 1/16 in W.
S 16 in N.
S 21 1915 in S.

Dig pits 18 x 18 x 12 ins. E. & W. of cor. 3 ft. dist.;
and raise a mound of earth 3½ ft. base, 1½ ft. high,
N. of cor.

(This cor. is in fence line bearing N. & S.)

Leave nearly level mesa land and brush; enter level
cultivated land.

64.50 Fence, Mrs. N. & S.

65.11 The proportional point for 1/256 sec. cor. bet.
secs. 16 and 21.

Set an iron post 1 in. dia., stamped on cap

1/256 in W.
S 16 in N.
S 21 1915 in S.

Dig pits 18 x 18 x 12 ins. E. & W. of cor. 3 ft. dist.;
and raise a mound of earth 3½ ft. base, 1½ ft. high,
N. of cor.

70.12 The proportional point for 1/64 sec. cor. bet. secs.
16 and 21.

Set an iron post 1 in. dia., stamped on cap

1/64 in W.
S 16 in N.
S 21 1915 in S.

Dig pits 18 x 18 x 12 ins. E. & W. of cor. 3 ft. dist.;
and raise a mound of earth 3½ ft. base, 1½ ft. high,
N. of cor.

Resurvey of Subdivision lines of T. 15 S., R. 13 E.

Chains

75.13 The proportional point for $1/256$ sec. cor. bet. secs. 16 and 21.

Set an iron post 1 in. dia., stamped on cap

$1/256$ in W.
S 16 in N.
S 21 1915 in S.

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

80.14 The cor. of secs. 15, 16, 21 and 22.

Land, mesa 60.10 chs.; level bottom 20.04 chs.
Soil, 2nd rate, 60.10 chs.; 1st rate 20.14 chs.
Brush, mesquite, greasewood and cactus.

March 23, 1915. At 8^h 0^m a.m., l.m.t., I set off $32^{\circ} 7'$ on lat. arc, and $0^{\circ} 47'$ N. on decl. arc, and determine a meridian with the solar at the $\frac{1}{4}$ sec. cor. bet. secs. 21 and 28.

Thence I run

N. $0^{\circ} 55'$ W. on a random line through the middle of sec. 21, retracing the W. bdy. of the Papago Indian Reservation. (Setting temp. $1/64$ and $1/256$ sec. cors.)

20.00 Set temp. S. $1/16$ sec. cor. No trace of old cor. is found.

40.00 Set temp. center $\frac{1}{4}$ sec. cor. No trace of old cor. is found.

60.00 Set temp. N. $1/16$ sec. cor. No trace of old cor. is found.

Resurvey of Subdivision lines of T. 15 S., R. 13 E.

Chains

80.08 Fall 15 lks. E. of $\frac{1}{4}$ sec. cor. bet. secs. 16 and 21,
previously described.

(Move temp. center $\frac{1}{4}$ sec. cor. $7\frac{1}{2}$ lks. W.)

From temp. reestablished $\frac{1}{4}$ sec. cor. bet. secs.
20 and 21, previously described, I run
N. $89^{\circ} 48'$ E. on a random line through the middle
of sec. 21.

39.98 Fall $3\frac{1}{2}$ lks. S. of temp center $\frac{1}{4}$ sec. cor.; thence
setting temp. $1/64$ and $1/256$ sec. cors.

79.98 Fall 15 lks. S. of $\frac{1}{4}$ sec. cor. bet. secs. 21 and 22.

(Therefore, the point for the center $\frac{1}{4}$ sec. cor. is
4 lks. N. $1^{\circ} 1'$ W. from temp. center $\frac{1}{4}$ sec. cor.)

Thence I run

S. $89^{\circ} 42'$ W. on a true line through the middle of
sec. 21.

Over level cultivated land.

5.00 Set an iron post 1 in. dia., for $1/256$ sec. cor. of
sec. 21, stamped on cap

$1/256$ S 21 in center.
1915 in S.

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

10.00 Set an iron post 1 in. dia., for $1/64$ sec. cor. of
sec. 21, stamped on cap

$1/64$ S 21 in center.
1915 in S.

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

Resurvey of Subdivision lines of T. 15 S., R. 13 E.

| Chains | |
|--------|---|
| 15.00 | Set an iron post 1 in. dia., for 1/256 sec. cor. of sec. 21, stamped on cap 1/256 S 21 in center. 1915 in S. |
| | Dig pits 18 x 18 x 12 ins. E. & W. of cor. 3 ft. dist.; and raise a mound of earth 3½ ft. base, 1½ ft. high, N. of cor. |
| 15.30 | Fence, brs. N. 30° W. and S. 30° E. |
| | Leave cultivated land; enter level mesa, through scattered mesquite and greasewood. |
| 19.80 | Road, brs. NW. & SE. |
| 20.00 | Set an iron post 1 in. dia., for E. 1/16 sec. cor. on ¼ sec. line of sec. 21, stamped on cap E 1/16 in N. ¼ in E. & W. S 21 1915 in S. |
| | Dig pits 18 x 18 x 12 ins. E. & W. of cor. 3 ft. dist.; and raise a mound of earth 3½ ft. base, 1½ ft. high, N. of cor. |
| 25.00 | Set an iron post 1 in. dia., for 1/256 sec. cor. of sec. 21, stamped on cap 1/256 S 21 in center. 1915 in S. |
| | Dig pits 18 x 18 x 12 ins. E. & W. of cor. 3 ft. dist.; and raise a mound of earth 3½ ft. base, 1½ ft. high, N. of cor. |
| 30.00 | Set an iron post 1 in. dia., for 1/64 sec. cor. of sec. 21, stamped on cap 1/64 S 21 in center. 1915 in S. |
| | Pits and mound impracticable. |
| 30.10 | Road, brs. NW. & SE. |
| 31.70 | Road, Tucson to Nogales, brs. N. & S. |
| 35.00 | Set an iron post 1 in. dia., for 1/256 sec. cor. of sec. 21, stamped on cap 1/256 S 21 in center. 1915 in S. |
| | Dig pits 18 x 18 x 12 ins. E. & W. of cor. 3 ft. dist.; and raise a mound of earth 3½ ft. base, 1½ ft. high, N. of cor. |
| 40.00 | Set an iron post 1 in. dia., on W. bdy. of Papago Indian Res'n. for center ¼ sec. cor. of sec. 21, stamped on cap P I R in E. C ¼ S 21 in center. 1915 in S. |
| | Dig pits 18 x 18 x 12 ins. E., W. and S. of cor. 3 ft. dist., and N. 7 ft.; and raise a mound of earth 4 ft. base, 2 ft. high, N. of cor. |

Resurvey of Subdivision lines of T. 15 S., R. 13 E.

Chains

- 41.00 Fence, brs. N. & S.; and house 2 chs. S.
- 79.98 The temp. reestablished $\frac{1}{4}$ sec. cor. bet. secs. 20 and 21, previously described.
- Land, cultivated bottom, 15.30 chs.
nearly level mesa land, 64.68 chs.
Soil, 1st rate, 15.30 chs.; 2nd rate 64.68 chs.
Scattered mesquite and greasewood, 64.68 chs.
- March 23, 1915. At this cor. I set off $0^{\circ} 50'$ N. on decl. arc, and at apparent noon observe the sun on the meridian; the resulting lat. is $32^{\circ} 7\frac{1}{2}'$ which is within $1'$ of the proper lat.
-
- Returning to the $\frac{1}{4}$ sec. cor. bet. secs. 21 and 28, previously described, I run
- N. $1^{\circ} 1'$ W. on a true line through the middle of sec. 21, along W. bdy. of Papago Indian Reservation, through scattered mesquite and greasewood.
- 5.00 Set an iron post 1 in. dia., for $1/256$ sec. cor. of sec. 21, stamped on cap
P I R in E.
 $1/256$ S 21 in center.
1915 in S.
- Dig pits 18 x 18 x 12 ins. N. & S. of cor. 3 ft. dist.; and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, W. of cor.
- 10.01 Set an iron post 1 in. dia., for $1/64$ sec. cor. of sec. 21, stamped on cap
P I R in E.
 $1/64$ S 21 in center.
1915 in S.
- Dig pits 18 x 18 x 12 ins. N. & S. of cor. 3 ft. dist.; and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, W. of cor.
- 15.01 Set an iron post 1 in. dia., for $1/256$ sec. cor. of sec. 21, stamped on cap
P I R in E.
 $1/256$ S 21 in center.
1915 in S.
- Dig pits 18 x 18 x 12 ins. N. & S. of cor. 3 ft. dist.; and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, W. of cor.
- 17.50 Road, brs. E. & W.
- 20.02 Set an iron post 1 in. dia., for S. $1/16$ sec. cor. ^{on $\frac{1}{4}$ sec. line} of sec. 21, stamped on cap
S $1/16$ in W.
 $\frac{1}{4}$ in N.
S 21 P I R in E.
 $\frac{1}{4}$ 1915 in S.

Resurvey of Subdivision lines of T. 15 S., R. 13 E.

Chains

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

25.02 Set an iron post 1 in. dia., for $1/256$ sec. cor. of
sec. 21, stamped on cap

P I R in E.
 $1/256$ S 21 in center.
1915 in S.

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

30.03 Set an iron post 1 in. dia., for $1/64$ sec. cor. of
sec. 21, stamped on cap

P I R in E.
 $1/64$ S 21 in center.
1915 in S.

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

35.03 Set an iron post 1 in. dia., for $1/256$ sec. cor. of
sec. 21, stamped on cap

P I R in E.
 $1/256$ S 21 in center.
1915 in S.

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

40.04 The center $\frac{1}{4}$ sec. cor. of sec. 21.

45.04 Set an iron post 1 in. dia., for $1/256$ sec. cor. of
sec. 21, stamped on cap

P I R in E.
 $1/256$ S 21 in center.
1915 in S.

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

45.10 Fence, brs. N. & S.

50.05 Set an iron post 1 in. dia., for $1/64$ sec. cor. of
sec. 21, stamped on cap

P I R in E.
 $1/64$ S 21 in center.
1915 in S.

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

53.90 Fence, brs. E. & W.

55.05 Set an iron post 1 in. dia., for $1/256$ sec. cor. of
sec. 21, stamped on cap

P I R in E.
 $1/256$ S 21 in center.
1915 in S.

Resurvey of Subdivision lines of T. 15 S., R. 13 E.

Chains

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

60.06

Set an iron post 1 in. dia., for the N. $1/16$ sec. cor.
on $\frac{1}{4}$ sec. line of sec. 21, stamped on cap

N. $1/16$ in W.
 $\frac{1}{4}$ in N.
S 21 P I R in E.
 $\frac{1}{4}$ 1915 in S.

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

62.70

House, 2 chs. W.

64.80

Fence, brs. E. & W.

Leave open; enter scattered mesquite and greasewood.

65.06

Set an iron post 1 in. dia., for $1/256$ sec. cor. of
sec. 21, stamped on cap

P I R in E.
 $1/256$ S 21 in center.
1915 in S.

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

70.07

Set an iron post 1 in. dia., for $1/64$ sec. cor. of
sec. 21, stamped on cap

P I R in E.
 $1/64$ S 21 in center.
1915 in S.

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

75.07

Set an iron post 1 in. dia., for $1/256$ sec. cor. of
sec. 21, stamped on cap

P I R in E.
 $1/256$ S 21 in center.
1915 in S.

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

80.08

The $\frac{1}{4}$ sec. cor. bet. secs. 16 and 21, previously
described.

Land, nearly level mesa.
Soil, 2nd rate.
Scattered mesquite and greasewood, 60.38 chs.

March 23, 1915.

Resurvey of Subdivision lines of T. 15 S., R. 13 E.

Chains

March 24, 1915. At 8^h 0^m a.m., l.m.t., I set off 32° 7' on lat. arc, and 1° 10½' N. on decl. arc, and determine a meridian with the solar at the E. 1/16 sec. cor. bet. secs. 21 and 28.

Thence I run

N. 0° 55' W. on a true line through the middle of the SE. ¼ of sec. 21, setting temp. 1/64 and 1/256 sec. cors.

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

40.08 Fall 6 lks. E. of the E. 1/16 sec. cor. on ¼ sec. line of sec. 21.

(Move temp. SE. 1/16 sec. cor., 3 lks. W.)

From the S. 1/16 sec. cor. on ¼ sec. line of sec. 21, I run

N. 89° 48' E. on a random line through the middle of the SE. ¼ of sec. 21, setting temp. 1/64 and 1/256 sec. cors.

20.00 Fall 4 lks. N. of temp. SE. 1/16 sec. cor.

39.98 Intersect the S. 1/16 sec. cor. bet. secs. 21 and 22.

(Therefore, the point for the SE. 1/16 sec. cor. is 4 lks. N. 1° W. from temp. SE. 1/16 sec. cor.)

Thence I run

S. 89° 48' W. on a true line through the middle of the SE. ¼ of sec. 21,

Over level cultivated land.

1.90 Fence, brs. NW. and SE.

2.60 Fence, brs. NE. & SW.

4.99 Set an iron post 1 in dia., for 1/256 sec. cor. of sec. 21, stamped on cap

1/256 S 21 in center.
1915 in S.

Dig pits 18 x 18 x 12 ins. E. & W. of cor. 3 ft. dist.; and raise a mound of earth 3½ ft. base, 1½ ft. base, N. of cor.

8.70 Fence, brs. NW. & SE.

Leave cultivated land; enter mesa land through scattered mesquite and greasewood.

9.40 Road, Tucson to San Xavier Mission, brs. NW. & SE.

9.99 Set an iron post 1 in. dia., for 1/64 sec. cor. of sec. 21, stamped on cap

Resurvey of Subdivision lines of T. 15 S., R. 13 E.

Chains

- 14.98 Set an iron post 1 in. dia., for 1/256 sec. cor. of sec. 21, stamped on cap
1/256 S 21 in center.
1915 in S.
Dig pits 18 x 18 x 12 ins. E. & W. of cor. 3 ft. dist.; and raise a mound of earth 3½ ft. base, 1½ ft. high, N. of cor.
- 19.98 Set an iron post 1 in. dia., for SE. 1/16 sec. cor. of sec. 21, stamped on cap
SE 1/16 S 21 in center.
1915 in S.
Dig pits 18 x 18 x 12 ins. E. & W. of cor. 3 ft. dist., and raise a mound of earth 3½ ft. base, 1½ ft. high, N. of cor.
- 22.80 Road, brs. NW. & SE.
- 24.98 Set an iron post 1 in. dia., for 1/256 sec. cor. of sec. 21, stamped on cap
1/256 S 21 in center.
1915 in S.
Dig pits 18 x 18 x 12 ins. E. & W. of cor. 3 ft. dist.; and raise a mound of earth 3½ ft. base, 1½ ft. high, N. of cor.
- 29.98 Set an iron post 1 in. dia., for 1/64 sec. cor. of sec. 21, stamped on cap
1/64 S 21 in center.
1915 in S.
Dig pits 18 x 18 x 12 ins. E. & W. of cor. 3 ft. dist.; and raise a mound of earth 3½ ft. base, 1½ ft. high, N. of cor.
- 30.30 Road, Tucson to Nogales, brs. N. & S.
- 34.98 Set an iron post 1 in. dia., for 1/256 sec. cor. of sec. 21, stamped on cap
1/256 S 21 in center.
1915 in S.
Dig pits 18 x 18 x 12 ins. E. & W. of cor. 3 ft. dist.; and raise a mound of earth 3½ ft. base, 1½ ft. high, N. of cor.
- 39.98 The S. 1/16 sec. cor. on ¼ sec. line of sec. 21.
Land, cultivated bottom 8.70 chs.; mesa 31.28 chs.
Soil, 1st rate, 8.70 chs.; 2nd rate, 31.28 chs.
Scattered mesquite and greasewood, 31.28 chs.

Returning to the E. 1/16 sec. cor. bet. secs. 21 and 28, I run

BOOK 1922

Resurvey of Subdivision lines of T. 15 S., R. 13 E.

Chains

N. 1° W. on a true line through the middle of the
SE. $\frac{1}{4}$ of sec. 21,

Over mesa land, through scattered mesquite and
greasewood.

4.30 Road, brs. NE. & SW.

5.01 Set an iron post 1 in. dia., for $1/256$ sec. cor. of
sec. 21, stamped on cap

$1/256$ S 21 in center.
1915 in S.

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

10.02 Set an iron post 1 in. dia., for $1/64$ sec. cor. of
sec. 21, stamped on cap

$1/64$ S 21 in center.
1915 in S.

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

14.10 Junction roads, brs. N. 30° W. and S. 30° E. and
NW. & SE.

15.03 Set an iron post 1 in. dia., for $1/256$ sec. cor. of
sec. 21, stamped on cap

$1/256$ S 21 in center.
1915 in S.

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

20.04 The SE. $1/16$ sec. cor.

25.05 Set an iron post 1 in. dia., for $1/256$ sec. cor. of
sec. 21, stamped on cap

$1/256$ S 21 in center.
1915 in S.

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

27.20 Indian house, 20 lks. W.

30.06 Set an iron post 1 in. dia., for $1/64$ sec. cor. of
sec. 21, stamped on cap

$1/64$ S 21 in center.
1915 in S.

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

Resurvey of Subdivision lines of T. 15 S., R. 13 E.

Chains

- 35.07 Set an iron post 1 in. dia., for 1/256 sec. cor. of sec. 21, stamped on cap
- 1/256 S. 21 in center.
1915 in S.
- Dig pits 18 x 18 x 12 ins. N. & S. of cor. 3 ft. dist.; and raise a mound of earth 3½ ft. base, 1½ ft. high, W. of cor.
- 40.08 The E. 1/16 sec. cor. on ¼ sec. line of sec. 21.
- Land, mesa.
Soil, 2nd rate.
Scattered mesquite and greasewood, 40.08 chs.
- March 24, 1915. At this cor. I set off 1° 14' N. on decl. arc, and at apparent noon observe the sun on the meridian; the resulting lat. is 32° 7½' which is within 1' of the proper lat.
-
- Thence from the E. 1/16 sec. cor. on ¼ sec. line of sec. 21, I run
- N. 0° 55' W. on a random line through the middle of the NE. ¼ of sec. 21, setting temp. 1/64 and 1/256 sec. cors.
- 20.00 Set temp. NE. 1/16 sec. cor.
- 40.06 Fall 5 lks. E. of the E. 1/16 sec. cor. bet. secs. 16 and 21.
- (Move temp. NE. 1/16 sec. cor. 2½ lks. W.)
-
- From the N. 1/16 sec. cor. on ¼ sec. line of sec. 21, I run
- N. 89° 42' E. on a random line through the middle of the NE. ¼ of sec. 21, setting temp. 1/64 and 1/256 sec. cors.
- 20.04 Fall 3 lks. N. of temp. NE. 1/16 sec. cor.
- 40.08 Fall 2 lks. N. of N. 1/16 sec. cor. bet. secs. 21 and 22.
- (Therefore, the point for the NE. 1/16 sec. cor. is 2 lks. N. 0° 59' W. from the temp. NE. 1/16 sec. cor.)
-
- Thence I run
- S. 89° 44' W. on a true line through the middle of the NE. ¼ of sec. 21,
- Over level cultivated land.
- 5.01 Set an iron post 1 in. dia., for 1/256 sec. cor. of sec. 21, stamped on cap

Resurvey of Subdivision lines of T. 15 S., R. 13 E.

Chains

1/256 S 21 in center.
1915 in S.

Dig pits 18 x 18 x 12 ins. E. & W. of cor. 3 ft. dist.;
and raise a mound of earth 3½ ft. base, 1½ ft. high,
N. of cor.

10.02 Set an iron post 1 in. dia., for 1/64 sec. cor. of
sec. 21, stamped on cap

1/64 S 21 in center.
1915 in S.

Dig pits 18 x 18 x 12 ins. E. & W. of cor. 3 ft. dist.;
and raise a mound of earth 3½ ft. base, 1½ ft. high,
N. of cor.

15.03 Set an iron post 1 in. dia., for 1/256 sec. cor. of
sec. 21, stamped on cap

1/256 S 21 in center.
1915 in S.

Dig pits 18 x 18 x 12 ins. E. & W. of cor. 3 ft. dist.;
and raise a mound of earth 3½ ft. base, 1½ ft. high,
N. of cor.

20.04 Set an iron post 1 in. dia., for the NE. 1/16 sec. cor.
of sec. 21, stamped on cap

NE 1/16 S 21 in center.
1915 in S.

Dig pits 18 x 18 x 12 ins. E. & W. of cor. 3 ft. dist.;
and raise a mound of earth 3½ ft. base, 1½ ft. high,
N. of cor.

20.30 Fence, brs. NW. & SE.

20.70 Road, brs. NW. & SE.

21.00 Fence, brs. NW. & SE.

23.50 Fence, brs. NW. & SE.

Leave level cultivated land; enter mesa land, through
scattered mesquite and greasewood.

25.05 Set an iron post 1 in. dia., for 1/256 sec. cor. of
sec. 21, stamped on cap

1/256 S 21 in center.
1915 in S.

Dig pits 18 x 18 x 12 ins. E. & W. of cor. 3 ft. dist.;
and raise a mound of earth 3½ ft. base, 1½ ft. high,
N. of cor.

30.06 Set an iron post 1 in. dia., for 1/64 sec. cor. of
sec. 21, stamped on cap

1/64 S 21 in center.
1915 in S.

Pits and mound impracticable.

Resurvey of Subdivision lines of T. 15 S., R. 13 E.

Chains

- 30.10 Road, Tucson to Nogales, brs. N. & S.
- 32.10 Road, brs. N. & S.
- 35.07 Set an iron post 1 in. dia., for 1/256 sec. cor. of sec. 21, stamped on cap
 1/256 S 21 in center.
 1915 in S.
- Dig pits 18 x 18 x 12 ins. E. & W. of cor. 3 ft. dist.; and raise a mound of earth 3½ ft. base, 1½ ft. high, N. of cor.
- 39.60 Fence, brs. N. & S.
- Leave scattered mesquite and greasewood; enter open.
- 40.08 The N. 1/16 sec. cor. on ¼ sec. line of sec. 21.
- Land, level bottom, 23.50 chs.; mesa, 16.58 chs.
 Soil, 1st rate 23.50 chs.; 2nd rate, 16.58 chs.
 Scattered mesquite and greasewood, 16.10 chs.
-
- Returning to the N. 1/16 sec. cor. on ¼ sec. line of sec. 21, I run
- N. 0° 59' W. on a true line through the middle of the NE. ¼ of sec. 21.
- Over level mesa land, through scattered mesquite and greasewood.
- .20 Road, Tucson to San Xavier Mission, brs. NW. & SE.
- 5.00 Set an iron post 1 in. dia., for 1/256 sec. cor. of sec. 21, stamped on cap
 1/256 S 21 in center.
 1915 in S.
- Dig pits 18 x 18 x 12 ins. N. & S. of cor. 3 ft. dist.; and raise a mound of earth 3½ ft. base, 1½ ft. high, W. of cor.
- 7.10 Fence, brs. NW. & SE.
- Leave mesa and scattered brush; enter level cultivated land.
- 10.01 Set an iron post 1 in. dia., for 1/64 sec. cor. of sec. 21, stamped on cap
 1/64 S 21 in center.
 1915 in S.
- Dig pits 18 x 18 x 12 ins. N. & S. of cor. 3 ft. dist.; and raise a mound of earth 3½ ft. base, 1½ ft. high, W. of cor.
- 10.05 Fence, brs. E. & W.
- 15.01 Set an iron post 1 in. dia., for 1/256 sec. cor. of sec. 21, stamped on cap

Resurvey of Subdivision lines of T. 15 S., R. 13 E.

Chains

1/256 S 21 in center.
1915 in S.

Dig pits 18 x 18 x 12 ins. N. & S. of cor. 3 ft. dist.;
and raise a mound of earth 3½ ft. base, 1½ ft. high,
W. of cor.

19.40 Fence, brs. NW. & SE.

19.50 Road, brs. NW. & SE.

19.60 Fence, brs. NW. & SE.

20.02 The NE. 1/16 sec. cor. of sec. 21.

25.03 Set an iron post 1 in. dia., for 1/256 sec. cor. of
sec. 21, stamped on cap

1/256 S 21 in center.
1915 in S.

Dig pits 18 x 18 x 12 ins. N. & S. of cor. 3 ft. dist.;
and raise a mound of earth 3½ ft. base, 1½ ft. high,
W. of cor.

25.20 Indian house on line.

27.00 Fence, brs. N. & S.

Leave cultivated land; thence open.

30.04 Set an iron post 1 in. dia., for 1/64 sec. cor. of
sec. 21, stamped on cap

1/64 S 21 in center.
1915 in S.

Dig pits 18 x 18 x 12 ins. N. & S. of cor. 3 ft. dist.;
and raise a mound of earth 3½ ft. base, 1½ ft. high,
W. of cor.

35.05 Set an iron post 1 in. dia., for 1/256 sec. cor. of
sec. 21, stamped on cap

1/256 S 21 in center.
1915 in S.

Dig pits 18 x 18 x 12 ins. N. & S. of cor. 3 ft. dist.;
and raise a mound of earth 3½ ft. base, 1½ ft. high,
W. of cor.

39.90 Fence, brs. N. 5° W. and S. 5° E.

40.06 The E. 1/16 sec. cor. bet. secs. 16 and 21.

Land, level.

Soil, 1st rate.

Scattered mesquite and greasewood, 7.10 chs.

March 24, 1915.

LOC 322

Resurvey of Subdivision lines in T. 15 S., R. 13 E.

Chains

Feb. 23, 1915. -

From the cor. of secs. 16, 17, 20 and 21, I run

N. 0° 33' E. on a true line bet. secs. 16 and 17.

Over nearly level land, through mesquite brush; greasewood and cactus.

1.00 Fence, brs. E. and W.

40.00 The proportional point for the $\frac{1}{4}$ sec. cor. bet. secs. 16 and 17.

Set temp. cor. only.

80.00 The proportional point for the cor. of secs. 8, 9, 16 and 17.

Set temp. cor. only.

Land, nearly level mesa, 80.00 chs.

Soil, 2nd rate.

Brush, mesquite, greasewood and cactus.

Feb. 23, 1915. At this temp. cor., I set off 10° 00' S. on the decl. arc, and at apparent noon, observe the sun on the meridian; the resulting lat. is 32° 08 $\frac{1}{2}$ ', which is the proper lat.

Thence

N. 89° 38' E. on a true line bet. secs. 9 and 16.

Over level mesa land, through mesquite brush, greasewood and cactus.

40.11 The proportional point for $\frac{1}{4}$ sec. cor. bet. secs. 9 and 16, on the Papago Indian Reservation boundary.

Set an iron post 3 ins. dia., stamped in cap

$\frac{1}{4}$ in W.
S 9 in N.
S 16 1915 in S.
P I R in E.

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

45.12 The proportional point for 1/256 sec. cor. bet. secs. 9 and 16,

Set an iron post 1 in. dia., stamped on cap

1/256 in W.
S 9 in N.
S 16 1915 in S.

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

50.14 The proportional point for 1/64 sec. cor. bet. secs. 9 and 16.

Set an iron post 1 in. dia., stamped on cap

BOOK 102

Resurvey of Subdivision lines in T. 15 S., R. 13 E.

Chains

1/64 in W.
S 9 in N.
S 16 1915 in S.

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

55.15 The proportional point for 1/256 sec. cor. bet. secs. 9
and 16.

Set an iron post 1 in. dia., stamped on cap

1/256 in W.
S 9 in N.
S 16 1915 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.

59.60 Junction of roads, bearing N. and S., and N. 89° W. and
S. 89° E.

Thence along N. side of road,
leaving brush, greasewood and cactus.

60.16 The proportional point for E. 1/16 sec. cor. bet. secs.
9 and 16.

Set an iron post 1 in. dia., stamped on cap

E 1/16 in W.
S 9 in N.
S 16 1915 in S.

This post is driven flush with the ground. Pits and
mound impracticable.

65.17 The proportional point for 1/256 sec. cor. bet. secs. 9
and 16,

Set an iron post 1 in. dia., stamped on cap

1/256 in W.
S 9 in N.
S 16 1915 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.

69.10 Arroyo, 15 lks. wide, 3 ft. deep, course NE.

70.18 The proportional point for 1/64 sec. cor. bet. secs. 9
and 16.

Set an iron post 1 in. dia., stamped on cap

1/64 in W.
S 9 in N.
S 16 1915 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.

75.19 The proportional point for 1/256 sec. cor. bet. secs. 9
and 16.

Set an iron post 1 in. dia., stamped on cap

Resurvey of Subdivision lines in T. 15 S., R. 13 E.

Chains

1/256 in W.
S 9 in N.
S 16 1915 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.

80.20 The cor. of secs. 9, 10, 15 and 16.

Land, mesa, 59.60 chs.; level bottom, 20.60 chs.
Soil, 2nd rate, 59.60 chs.; 1st rate, 20.60 chs.
Brush, mesquite, greasewood and cactus.
No timber.

Feb. 23, 1915.

March 25, 1915. At 8h 0m a.m., l.m.t., I set off 32°07½'
on the lat. arc, 1° 34' N. on the decl. arc, and
determine a meridian with the solar at the reestablish-
ed ¼ sec. cor. bet. secs. 16 and 21, previously des-
cribed.

Thence I run

N. 1° 35' E. on a random line through the middle of sec.
16 (S½), retracing along the W. bdy. of the Papago
Indian Reservation, setting temp. 1/64 and 1/256 sec.
cors.

20.00 No trace of old 1/16 sec. cor.
Set temp.

40.60 Falls 30 lks. W. of the old center ¼ sec. cor.

Returning to the ¼ sec. cor. bet. secs. 16 and 21,
thence I run

N. 2° 01' E. on a true line through the middle of sec.
16 (S½), along W. bdy. of Papago Indian Reservation.

Over nearly level mesa land, through scattered mesquite
and greasewood.

5.07 Set an iron post 1 in. dia. for 1/256 sec. cor. of sec.
16, stamped on cap

P I R in E.
1/256 S 16 in center
1915 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.

10.15 Set an iron post 1 in. dia. for 1/64 sec. cor. of sec.
16, stamped in cap

P I R in E.
1/64 S 16 in center
1915 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.

15.22 Set an iron post 1 in. dia. for 1/256 sec. cor. of sec.
16, stamped on cap

Resurvey of Subdivision lines in T. 15 S., R. 13 E.

Chains

P I R in E.
 1/256 S 16 in center
 1915 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.

15.40 Road, brs. NE. and SW.

20.30 Set an iron post 1 in. dia. for S. 1/16 sec. cor. on ¼
 sec. line of sec. 16, stamped on cap

P I R in E.
 ¼ in N.
 S 1/16 S 16 in center
 ¼ 1915 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.

25.37 Set an iron post 1 in. dia. for 1/256 sec. cor. of sec.
 16, stamped in cap

P I R in E.
 1/256 S 16 in center
 1915 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.

30.45 Set an iron post 1 in. dia. for 1/64 sec. cor. of sec.
 16, stamped on cap

P I R in E.
 1/64 S 16 in center
 1915 in S.

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

35.52 Set an iron post 1 in. dia. for 1/256 sec. cor. of sec.
 16, stamped in cap

P I R in E.
 1/256 S 16 in center
 1915 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.

40.60 The old center ¼ sec. cor. of sec. 16, which is a post
 3 ins. square, mkd. ¼ S on W. face, from which the
 stump of the old bearing tree, - mesquite 8 ins. dia.,
 brs. S. 88½° E., 174 lks. dist. The tree has been cut
 for wood, but the stump shows the old blaze at the
 bottom; no marks visible.

North and alongside, I set an iron post 1 in. dia. for
 center ¼ sec. cor. of sec. 16, stamped in cap

P I R in E.
 C ¼ S 16 in center
 1915 in S.

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

Resurvey of Subdivision lines in T. 15 S., R. 13 E.

Chains.

Land, nearly level mesa.
Soil, 2nd rate.
Scattered mesquite and greasewood, 40.60 chs.

From the Center $\frac{1}{4}$ sec. cor. of sec. 16, I run

S. $89^{\circ} 26' E.$ on a true line (cor. visible) through the middle of sec. 16 ($E\frac{1}{2}$), setting temp. $1/16$, $1/64$ and $1/256$ sec. cors.

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

38.96 The $\frac{1}{4}$ sec. cor. bet. secs. 15 and 16, previously described.

(Move temp. E. $1/16$ sec. cor. on $\frac{1}{4}$ sec. line 52 lks. N. $89^{\circ} 26' W.$)

Thence I run

N. $89^{\circ} 26' W.$ on a true line through the middle of sec. 16. ($E\frac{1}{2}$).

Over level, cultivated land.

4.87 Set an iron post 1 in. dia., for $1/256$ sec. cor. of sec. 16, stamped on cap

$1/256$ S 16 in center
1915 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.

7.20 Fence, brs. N. and S.

9.74 Set an iron post 1 in. dia., for $1/64$ sec. cor. of sec. 16, with cap stamped

$1/64$ S 16 in center
1915 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.

14.61 Set an iron post 1 in. dia., for $1/256$ sec. cor. of sec. 16, stamped on cap

$1/256$ S 16 in center
1915 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.

18.60 Fence, brs. N. and S.

19.48 Set an iron post 1 in. dia. for E. $1/16$ sec. cor. on $\frac{1}{4}$ sec. line of sec. 16, stamped on cap

$\frac{1}{4}$ in W.
E $1/16$ S 16 in center
 $\frac{1}{4}$ in E.
1915 in S.

Resurvey of Subdivision lines in T. 15 S., R. 15 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.

22.30 Fence, brs. N. and S.
Leave cultivated land, enter mesa land and scattered mesquite and greasewood.

23.90 Road, Tucson to Nogales, brs. N. & S.

24.35 Set an iron post 1 in. dia. for $1/256$ sec. cor. of sec. 16, stamped on cap

$1/256$ S 16 in center
1915 in S.

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

24.80 Road, Tucson to Nogales, brs. N. and S.

29.22 Set an iron post 1 in. dia. for $1/64$ sec. cor. of sec. 16, stamped on cap

$1/64$ S 16 in center
1915 in S.

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

34.09 Set an iron post 1 in. dia. for $1/256$ sec. cor. of sec. 16, with cap stamped

$1/256$ S 16 in center
1915 in S.

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

38.96 The center $\frac{1}{4}$ sec. cor. of sec. 16.

Land, cultivated bottom, 22.30 chs.; nearly level mesa, 16.66 chs.

Soil, 1st rate, 22.30 chs.; 2nd rate, 16.66 chs.

Scattered mesquite and greasewood, 16.66 chs.

March 25, 1915. At this cor., I set off $1^{\circ} 37'$ N. on the decl. arc, and at apparent noon observe the sun on the meridian; the resulting lat. is $32^{\circ} 08'$, which is the proper lat.

Thence from the center $\frac{1}{4}$ sec. cor. of sec. 16, I run

N. $1^{\circ} 0'$ W. on a random line through the middle of sec. 16 ($N\frac{1}{2}$), along W. bdy. of Papago Indian Reservation, setting temp. $1/64$ and $1/256$ sec. cors.

20.00 No trace of old $1/16$ sec. cor.
Set temp. cor.

39.44 Falls 7 lks. E. of reestablished $\frac{1}{4}$ sec. cor. bet. secs. 9 and 16.

Resurvey of Subdivision lines in T. 15 S., R. 13 E.

| Chains | |
|--------|--|
| | <p>Returning to the center $\frac{1}{4}$ sec. cor. of sec. 16, thence I run</p> <p>N. $1^{\circ} 06'$ W. on a true line through the middle of sec. 16 ($N\frac{1}{2}$), along W. bdy. of Papago Indian Reservation.</p> <p>Over nearly level mesa land, through scattered mesquite and greasewood.</p> |
| 4.93 | <p>Set an iron post 1 in. dia. for $1/256$ sec. cor. of sec. 16, stamped on cap</p> <p style="padding-left: 40px;">P I R in E. $1/256$ S 16 in center 1915 in S.</p> <p>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.</p> |
| 9.86 | <p>Set an iron post 1 in. dia. for $1/64$ sec. cor. of sec. 16, stamped in cap</p> <p style="padding-left: 40px;">P I R in E. $1/64$ S 16 in center 1915 in S.</p> <p>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.</p> |
| 14.79 | <p>Set an iron post 1 in. dia., for $1/256$ sec. cor. of sec. 16, stamped in cap</p> <p style="padding-left: 40px;">P I R in E. $1/256$ S 16 in center 1915 in S.</p> <p>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.</p> |
| 19.72 | <p>Set an iron post 1 in. dia. for N. $1/16$ sec. cor. on $\frac{1}{4}$ sec. line of sec. 16, stamped on cap</p> <p style="padding-left: 40px;">P I R in E. $\frac{1}{4}$ in N. N $1/16$ S 16 in center $\frac{1}{4}$ 1915 in S.</p> <p>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.</p> |
| 24.65 | <p>Set an iron post 1 in. dia. for $1/256$ sec. cor. of sec. 16, stamped on cap</p> <p style="padding-left: 40px;">P I R in E. $1/256$ S 16 in center 1915 in S.</p> <p>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.</p> |
| 29.58 | <p>Set an iron post 1 in. dia., for $1/64$ sec. cor. of sec. 16, stamped on cap</p> |

Resurvey of Subdivision lines in T. 15 S., R. 13 E.

Chains

P I R in E.
 1/64 S 16 in center
 1915 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.

34.51 Set an iron post 1 in. dia. for 1/256 sec. cor. of sec.
 16, stamped on cap

P I R in E.
 1/256 S 16 in center
 1915 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.

39.44 The ¼ sec. cor. bet. secs. 9 and 16, previously described.

Land, nearly level mesa.

Soil, 2nd rate.

Scattered mesquite and greasewood, 39.44 chs.

March 25, 1915.

March 26, 1915. At 8h 0m a.m., l.m.t., I set off 32°07½'
 on the lat. arc, 1° 58½' N. on the dec. arc.; and
 determine a meridian with the solar at the E. 1/16 sec.
 cor. bet. secs. 16 and 21.

Thence I run

N. 1° 18' E. on a random line through the middle of the
 SE¼ of sec. 16, setting temp. 1/64 and 1/256 sec. cors.

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

40.36 Falls 5 lks. W. of the E. 1/16 sec. cor. on ¼ sec. line
 of sec. 16.

(Move temp. SE. 1/16 sec. cor. 2½ lks. E.)

From the S. 1/16 sec. cor. on ¼ sec. line of sec. 16,
 I run

S. 89° 51' E. on a random line through the middle of the
 SE¼ of sec. 16, setting temp. 1/64 and 1/256 sec. cors.

19.78 Falls 16 lks. N. of temp. SE. 1/16 sec. cor.

39.56 Intersect the S. 1/16 sec. cor. bet. secs. 15 and 16.

(Therefore point for SE. 1/16 sec. cor. is 16 lks.
 N. 1° 22' E. from temp. SE. 1/16 sec. cor.)

Thence I run

N. 89° 51' W. on a true line through the middle of the
 SE¼ of sec. 16.

Over level cultivated land.

Resurvey of Subdivision lines in T. 15 S., R. 13 E.

Chains

- 4.94 Set an iron post 1 in. dia., for 1/256 sec. cor. of sec. 16, stamped in cap
- 1/256 S 16 in center
1915 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.
- 9.89 Set an iron post 1 in. dia. for 1/64 sec. cor. of sec. 16, stamped on cap
- 1/64 S 16 in center
1915 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.
- 14.83 Set an iron post 1 in. dia. for 1/256 sec. cor. of sec. 16, stamped in cap
- 1/256 S 16 in center
1915 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.
- 19.78 Set an iron post 1 in. dia. for SE. 1/16 sec. cor. of sec. 16, with cap stamped
- SE 1/16 S 16 in center
1915 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.
- 24.70 Fence, brs. N. and S.
Leave level cultivated land, enter nearly level mesa land, through scattered mesquite and greasewood.
Indian house, brs. S., 1.00 ch. dist.
- 26.30 Road, Tucson to Nogales, brs. N. & S.
- 24.72 Set an iron post 1 in. dia., for 1/256 sec. cor. of sec. 16, stamped on cap
- 1/256 S 16 in center
1915 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.
- 29.67 Set an iron post 1 in. dia., for 1/64 sec. cor. of sec. 16, stamped on cap
- 1/64 S 16 in center
1915 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.
- 34.61 Set an iron post 1 in. dia. for 1/256 sec. cor. of sec. 16, stamped on cap

Resurvey of Subdivision lines in T. 15 S., R. 13 E.

Chains

1/256 S 16 in center
1915 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.

34.80 Road, brs. NE. and SW.

39.56 The S. 1/16 sec. cor. on 1/4 sec. line of sec. 16.

Land, cultivated bottom, 21.80 chs.; nearly level mesa,
17.76 chs.

Soil, 1st rate, 21.80 chs.; 2nd rate, 17.76 chs.

Scattered mesquite and greasewood, 17.76 chs.

- - - - -

Returning to the E. 1/16 sec. cor. bet. secs. 16 and 21,
thence I run

N. 1° 22' E. on a true line through the middle of the
SE 1/4 of sec. 16.

Over level cultivated land.

.60 Fence, brs. NW. and SE.

5.04 Set an iron post 1 in. dia. for 1/256 sec. cor. of sec.
16, stamped on cap

1/256 S 16 in center
1915 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.

6.40 Fence, brs. E. and W.

10.08 Set an iron post 1 in. dia. for 1/64 sec. cor. of sec.
16, stamped on cap

1/64 S 16 in center
1915 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.

15.12 Set an iron post 1 in. dia. for 1/256 sec. cor. of sec.
16, stamped on cap

1/256 S 16 in center
1915 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.

19.00 Fence, brs. E. and W.

20.16 The SE. 1/16 sec. cor. of sec. 21.

25.21 Set an iron post 1 in. dia. for 1/256 sec. cor. of sec.
16, stamped on cap

1/256 S 16 in center
1915 in S.

Resurvey of Subdivision Lines in T. 15 S., R. 13 E.

| Chains | | |
|--------|---|--|
| | Dig pits 18x18x12ins. N. and S. of post 3 ft. dist.; and raise a mound of earth 3½ ft. base, 1½ ft. high, W. of cor. | |
| 27.20 | Fence, brs. E. and W. | |
| 30.26 | Set an iron post 1 in. dia. for 1/64 sec. cor. of sec. 16, with cap stamped 1/64 S 16 in center 1915 in S. Dig pits 18x18x12 ins. N. and S. of post 3 ft. dist.; and raise a mound of earth 3½ ft. base, 1½ ft. high, W. of cor. | |
| 35.31 | Set an iron post 1 in. dia. for 1/256 sec. cor. of sec. 16, stamped on cap 1/256 S 16 in center 1915 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. | |
| 39.10 | Fence, brs. E. and W. | |
| 40.36 | The E. 1/16 sec. cor. on ¼ sec. line of sec. 16. Land, cultivated bottom. Soil, 1st rate. No timber; no brush. March 26, 1915. At this cor., I set off 2° 01' N. on the decl. arc, and at apparent noon observe the sun on the meridian; the resulting lat. is 32° 08', which is the proper lat. ----- From the E. 1/16 sec. cor. on ¼ sec. line of sec. 16, I run N. 0° 15' W. on a random line through the middle of the NE¼ of sec. 16, setting temp. 1/64 and 1/256 sec. cors. | |
| 20.00 | Set temp. NE. 1/16 sec. cor. | |
| 39.80 | Falls 1 lk. E. of the E. 1/16 sec. cor. bet. secs. 9 and 16. (Move temp. NE. 1/16 sec. cor. ½ lk. W.) | |
| | From the N. 1/16 sec. cor. on ¼ sec. line of sec. 16, I run S. 89° 54' E. on a random line through the middle of the NE¼ of sec. 16, setting temp. 1/64 and 1/256 sec. cors. | |
| 19.77 | Falls 10 lks. S. of temp. NE. 1/16 sec. cor. | |
| 39.54 | Intersect N. 1/16 sec. cor. bet. secs. 15 and 16. (Therefore point for NE. 1/16 sec. cor. is 10 lks. S. 0° 16' E., from temp. cor.) Thence I run | |

Resurvey of Subdivision lines in T. 15 S., R. 13 E.

Chains

N. 89° 54' W. on a true line through the middle of the NE $\frac{1}{4}$ of sec. 16.

Over level cultivated land.

- 4.94 Set an iron post 1 in. dia. for 1/256 sec. cor. of sec. 16, stamped on cap

1/256 S 16 in center
1915 in S.

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

- 9.88 Set an iron post 1 in. dia. for 1/64 sec. cor. of sec. 16, stamped in cap

1/64 S 16 in center
1915 in S.

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

- 11.10 Fence, brs. N. and S.

- 14.83 Set an iron post 1 in. dia. for 1/256 sec. cor. of sec. 16, stamped on cap

1/256 S 16 in center
1915 in S.

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

- 19.20 Fence, brs. N. and S.

- 19.77 Set an iron post 1 in. dia. for NE. 1/16 sec. cor. of sec. 16, stamped on cap

NE 1/16 S 16 in center
1915 in S.

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

- 20.10 Fence, brs. N. and S.

- 21.80 Fence, brs. N. and S.
Leave cultivated land, enter mesa land, and scattered mesquite and greasewood.

- 23.40 Road, Tucson to Nogales, brs. N. and S.

- 24.71 Set an iron post 1 in. dia. for 1/256 sec. cor. of sec. 16, stamped on cap

1/256 S 16 in center
1915 in S.

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

- 29.65 Set an iron post 1 in. dia. for 1/64 sec. cor. of sec. 16, stamped in cap

Resurvey of Subdivision lines in T. 15 S., R. 13 E.

Chains

1/64 S 16 in center
1915 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.

34.60 Set an iron post 1 in. dia. for 1/256 sec. cor. of sec.
16, stamped on cap

1/256 S 16 in center
1915 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.

39.54 The N. 1/16 sec. cor. on ¼ sec. line of sec. 16.

Land, cultivated bottom, 21.80 chs.; nearly level mesa,
17.74 chs.

Soil, 1st rate, 21.80 chs.; 2nd rate, 17.74 chs.
Scattered mesquite and greasewood, 17.74 chs.

Returning to the E. 1/16 sec. cor. on ¼ sec. line of
sec. 16, thence Iron

N. 0° 16' W. on a true line through the middle of the
NE¼ of sec. 16.

Over level cultivated land, along N. side of road.

2.60 Fence, brs. E. and W.

3.40 Indian house, brs. W., 2.00 chs. dist.

4.80 Fence, brs. E. and W.

4.97 Set an iron post 1 in. dia. for 1/256 sec. cor. of sec.
16, stamped on cap

1/256 S 16 in center
1915 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.

7.80 Fence, brs. E. and W.

9.95 Set an iron post 1 in. dia. for 1/64 sec. cor. of sec.
16, stamped on cap

1/64 S 16 in center
1915 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.

14.92 Set an iron post 1 in. dia. for 1/256 sec. cor. of sec.
16, stamped on cap

1/256 S 16 in center
1915 in S.

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

Resurvey of Subdivision lines in T. 15 S., R. 13 E.

Chains

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

19.30 Fence, brs. E. and W.

19.90 The NE. $1/16$ sec. cor. of sec. 16.

24.87 Set an iron post 1 in. dia. for $1/256$ sec. cor. of sec.
16, stamped on cap

$1/256$ S 16 in center
1915 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.

28.00 Fence, brs. E. and W.

29.85 Set an iron post 1 in. dia., for $1/64$ sec. cor. of sec.
16, stamped on cap

$1/64$ S 16 in center
1915 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.

32.00 Fence, brs. N. 2° E. and S. 2° W.

34.82 Set an iron post 1 in. dia. for $1/256$ sec. cor. of sec.
16, stamped on cap

$1/256$ S 16 in center
1915 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.

39.70 Road, brs. E. & W.

39.80 The E. $1/16$ sec. cor. bet. secs. 9 and 16.

Land, level bottom (cultivated).
Soil, 1st rate.
No timber or brush.

March 26, 1915.

Feb. 23, 1915 -

From the cor. of secs. 8, 9, 16 and 17, I run

N. $0^\circ 20'$ E. on a true line bet. secs. 8 and 9.

Over level mesa land, through scattered mesquite timber;
mesquite brush; greasewood and cactus.

5.00 Road, brs. NE. and SW.

40.00 The proportional point for $\frac{1}{4}$ sec. cor. bet. secs. 8 and
9.

Set temp. cor. only.

80.00 The proportional point for the cor. of secs. 4, 5, 8 and
9.

Resurvey of Subdivision lines in T. 15 S., R. 13 E.

Chains

Land, level mesa.
Soil, 2nd rate.
Timber, scattered mesquite.
Brush, mesquite, greasewood and cactus.

N. 89° 36' E. on a true line bet. secs. 4 and 9.

Over nearly level mesa land, through scattered mesquite timber, mesquite brush, and greasewood & cactus.

21.90 Wash, 5 lks. wide, course NE.

40.02 The proportional point for $\frac{1}{4}$ sec. cor. bet. secs. 4 and 9, on the Papago Indian Reservation boundary.

Set an iron post 3 ins. dia., stamped on cap

P I R in SE.
 $\frac{1}{4}$ in W.
S 4 in N.
S 9 1915 in S.

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

45.02 The proportional point for $\frac{1}{256}$ sec. cor. of secs. 4 and 9,

Set an iron post 1 in. dia., stamped on cap

$\frac{1}{256}$ in W.
S 4 in N.
S 9 P I R 1915 in S.

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

50.01 The proportional point for $\frac{1}{64}$ sec. cor. bet. secs. 4 and 9.

Set an iron post 1 in. dia., stamped on cap

$\frac{1}{64}$ in W.
S 4 in N.
S 9 P I R 1915 in S.

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

55.01 The proportional point for $\frac{1}{256}$ sec. cor. bet. secs. 4 and 9.

Set an iron post 1 in. dia., stamped on cap

$\frac{1}{256}$ in W.
S 4 in N.
S 9 P I R 1915 in S.

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

60.01 The proportional point for E. $\frac{1}{16}$ sec. cor. bet. secs.

Resurvey of Subdivision lines in T. 15 S., R. 13 E.

Chains

4 and 9, stamped on cap

E 1/16 in W.
S 4 in N.
S 9 P I R 1915 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.

65.01 The proportional point for 1/256 sec. cor. bet. secs. 4
and 9.

Set an iron post 1 in. dia., stamped on cap

1/256 in W.
S 4 in N.
S 9 P I R 1915 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.

70.01 The proportional point for 1/64 sec. cor. bet. secs. 4
and 9,

Set an iron post 1 in. dia., stamped on cap

1/64 in W.
S 4 in N.
S 9 P I R 1915 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.

72.80 Road, Tucson to Nogales, brs. N. and S.
Leave brush; thence open.

75.01 The proportional point for 1/256 sec. cor. bet. secs. 4
and 9,

Set an iron post 1 in. dia., stamped on cap

1/256 in W.
S 4 in N.
S 9 P I R 1915 in S., from which

A mesquite 5 ins. dia. brs. N. 76½° E., 114 lks. dist.
mkd. 1/256 S 4 B T.

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.

79.30 Road, brs. N. and S.

79.60 Fence, brs. N. and S.

80.01 The cor. of secs. 3, 4, 9 and 10, previously described.

Land, nearly level.
Soil, 2nd rate.
Timber, scattered mesquite, 72.80 chs.
Brush, mesquite, greasewood and cactus.

Feb. 23, 1915.

Resurvey of Subdivision lines in T. 15 S., R. 13 E.

Chains

March 27, 1915. At 8h On a.m., l.m.t., I set off $32^{\circ}08\frac{1}{2}'$ on the lat. arc, $2^{\circ}21'$ N. on the decl. arc, and determine a meridian with the solar at the $\frac{1}{4}$ sec. cor. bet. secs. 9 and 16, previously described.

Thence I run

N. $0^{\circ}13'$ E. on a random line through the middle of sec. 9, along W. bdy. of Papago Indian Reservation, setting temp. $1/64$ and $1/256$ sec. cors.

20.00 No trace of old S. $1/16$ sec. cor.
Set temp.

40.00 Set temp. center $\frac{1}{4}$ sec. cor.
No trace of old cor.

60.00 Set temp. N. $1/16$ sec. cor.
No trace of old cor.

80.04 Falls 7 lks. W. of reestablished $\frac{1}{4}$ sec. cor. bet. secs. 4 and 9, previously described.

(Move temp. center $\frac{1}{4}$ sec. cor. $3\frac{1}{2}$ lks. E.)

- - - - -

From the temp. reestablished $\frac{1}{4}$ sec. cor. bet. secs. 8 and 9, previously described, I run

N. $89^{\circ}38'$ E. on a random line through the middle of sec. 9.

40.07 Falls 3 lks. N. of temp. center $\frac{1}{4}$ sec. cor.

80.11 Falls 2 lks. S. of the $\frac{1}{4}$ sec. cor. bet. secs. 9 and 10.

(Therefore, point for center $\frac{1}{4}$ sec. cor. of 4 lks. N. $0^{\circ}16'$ E. from temp. cor.)

Thence I run

S. $89^{\circ}37'$ W. on a true line through the middle of sec. 9.

Over level cultivated land.

.60 Fence, brs. N. and S.

5.00 Set an iron post 1 in. dia. for $1/256$ sec. cor. of sec. 9, stamped on cap

$1/256$ S 9 in center
1915 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.

10.01 Set an iron post 1 in. dia., for $1/64$ sec. cor. of sec. 9, stamped on cap

$1/64$ S 9 in center
1915 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.

Resurvey of Subdivision lines in T. 15 S., R. 13 E.

| Chains | |
|--------|---|
| 13.20 | Fence, brs. N. 15° E. and S. 15° W. Leave cultivated land; enter mesa land and scattered mesquite and greasewood. |
| 14.70 | Road, Tucson to Nogales, brs. N. and S. |
| 15.01 | Set an iron post 1 in. dia., for 1/256 sec. cor. of sec. 9, stamped on cap 1/256 S 9 in center 1915 in S. Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise a mound of earth 3½ ft. base, 1½ ft. high, N. of cor. |
| 20.02 | Set an iron post 1 in. dia. for E. 1/16 sec. cor. on ¼ sec. line of sec. 9, stamped on cap ¼ in W. E 1/16 S 9 in center ¼ in E. 1915 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. |
| 25.02 | Set an iron post 1 in. dia. for 1/256 sec. cor. of sec. 9, stamped on cap 1/256 S 9 in center 1915 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. |
| 26.90 | Road, brs. NE. and SW. |
| 30.03 | Set an iron post 1 in. dia. for 1/64 sec. cor. of sec. 9, stamped on cap 1/64 S 9 in center 1915 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. |
| 35.03 | Set an iron post 1 in. dia. for 1/256 sec. cor. of sec. 9, stamped in cap 1/256 S 9 in center 1915 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 1 in. dia. for center ¼ sec. cor. of sec. 9, stamped on cap C ¼ S 9 in center 1915 in S. P I R in E. 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. |

Resurvey of Subdivision lines in T. 15 S., R. 13 E.

Chains

- 80.11 The temp. reestablished $\frac{1}{4}$ sec. cor. bet. secs. 8 and 9.
 Land, cultivated bottom, 13.20 chs.; level mesa, 66.91 chs.
 Soil, 1st. rate, 13.20 chs.; 2nd rate, 66.91 chs.
 Scattered mesquite and greasewood, 66.91 chs.
- March 27, 1915. At this cor., I set off $2^{\circ} 24\frac{1}{2}'$ N. on the decl. arc, and at apparent noon observe the sun on the meridian; the resulting lat. is $32^{\circ} 08\frac{1}{2}'$, which is within 1' of the proper lat.
- - - - -
- Returning to the $\frac{1}{4}$ sec. cor. bet. secs. 9 and 16, thence I run
- N. $0^{\circ} 16'$ E. on a true line through the middle of sec. 9, along W. bdy. of Papago Indian Reservation.
- Over nearly level mesa land, through scattered mesquite and greasewood.
- 1.00 Road, brs. E. & W.
 5.00 Set an iron post 1 in. dia. for $1/256$ sec. cor. of sec. 9, stamped in cap
- P I R in E.
 $1/256$ S 9 in center
 1915 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.
- 10.01 Set an iron post 1 in. dia. for $1/64$ sec. cor. of sec. 9, stamped on cap
- P I R in E.
 $1/64$ S 9 in center
 1915 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.
- 15.01 Set an iron post 1 in. dia., for $1/256$ sec. cor. of sec. 9, stamped in cap
- P I R in E.
 $1/256$ S 9 in center
 1915 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.
- 20.02 Set an iron post 1 in. dia. for S. $1/16$ sec. cor. on $\frac{1}{4}$ sec. line of sec. 9, stamped on cap
- P I R in E.
 $\frac{1}{4}$ in N.
 S $1/16$ S 9 in center
 $\frac{1}{4}$ 1915 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.
- 25.02 Set an iron post 1 in. dia., for $1/256$ sec. cor. of sec. 9, stamped on cap

Resurvey of Subdivision lines in T. 15 S., R. 13 E.

Chains

P I R in E.
1/256 S 9 in center
1915 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.

28.40 Road, brs. NE. and SW.

30.03 Set an iron post 1 in. dia. for 1/64 sec. cor. of sec.
9, stamped on cap

P I R in E.
1/64 S 9 in center
1915 in S.

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

35.03 Set an iron post 1 in. dia., for 1/256 sec. cor. of sec.
9, stamped in cap

P I R in E.
1/256 S 9 in center
1915 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.

40.04 The center ¼ sec. cor. of sec. 9.

45.04 Set an iron post 1 in. dia. for 1/256 sec. cor. of sec.
9, stamped in cap

P I R in E.
1/256 S 9 in center
1915 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.

50.04 Set an iron post 1 in. dia. for 1/64 sec. cor. of sec.
9, stamped in cap

P I R in E.
1/64 S 9 in center
1915 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.

55.04 Set an iron post 1 in. dia., for 1/256 sec. cor. of sec.
9, stamped in cap

P I R in E.
1/256 S 9 in center
1915 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.

60.04 Set an iron post 1 in. dia. for N. 1/16 sec. cor. on ¼
sec. line of sec. 9, stamped on cap

Resurvey of Subdivision lines in T. 15 S., R. 13 E.

Chains

P I R in E.
 $\frac{1}{4}$ in N.
 N $\frac{1}{16}$ S 9 in center
 $\frac{1}{4}$ 1915 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.

65.04 Set an iron post 1 in. dia., for $\frac{1}{256}$ sec. cor. of sec.
 9, stamped on cap

P I R in E.
 $\frac{1}{256}$ S 9 in center
 1915 in S.

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

70.04 Set an iron post 1 in. dia., for $\frac{1}{64}$ sec. cor. of sec.
 9, stamped in cap

P I R in E.
 $\frac{1}{64}$ S 9 in center
 1915 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.

75.04 Set an iron post 1 in. dia., for $\frac{1}{256}$ sec. cor. of sec.
 9, stamped on cap

P I R in E.
 $\frac{1}{256}$ S 9 in center
 1915 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.

80.04 The $\frac{1}{4}$ sec. cor. bet. secs. 4 and 9, previously described.

Land, nearly level mesa, 80.04 chs.

Soil, 2nd rate.

Scattered mesquite and greasewood, 80.04 chs.

March 27, 1915.

March 29, 1915. At 8h 0m a.m., l.m.t., I set off $32^{\circ} 08\frac{1}{2}'$
 on the lat. arc, $3^{\circ} 08'$ N. on the decl. arc, and deter-
 mine a meridian with the solar at the E. $\frac{1}{16}$ sec. cor.
 bet. secs. 9 and 16.

Thence I run

N. $0^{\circ} 13'$ E. on a random line through the middle of the
 SE $\frac{1}{4}$ of sec. 9, setting temp. $\frac{1}{64}$ and $\frac{1}{256}$ sec. cors.

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

40.02 Falls 2 lks. W. of the E. $\frac{1}{16}$ sec. cor. on $\frac{1}{4}$ sec. line
 of sec. 9.

(Move temp. SE. $\frac{1}{16}$ sec. cor. 1 lk. E.)

Resurvey of Subdivision lines in T. 15 S., R. 13 E.

| Chains | |
|--------|---|
| | From the S. 1/16 sec. cor. on $\frac{1}{4}$ sec. line of sec. 9, I run |
| | N. 89° 38' E. on a random line through the middle of the SE $\frac{1}{4}$ of sec. 9, setting temp. 1/64 and 1/256 sec. cors. |
| 20.02 | Intersect the temp. SE. 1/16 sec. cor. |
| 40.06 | Intersect the S. 1/16 sec. cor. bet. secs. 9 and 10. (Therefore temp. SE. 1/16 sec. cor. is at point for SE. 1/16 sec. cor.) |
| | Thence I run |
| | S. 89° 38' W. on a true line through the middle of the SE $\frac{1}{4}$ of sec. 9. |
| | Over open, bottom land. |
| .80 | Arroyo 6 ft. deep, 10 lks. wide, course N. |
| 4.20 | Arroyo, 4 ft. deep, 5 lks. wide, course N. |
| 5.01 | Set an iron post 1 in. dia. for 1/256 sec. cor. of sec. 9, with cap stamped |
| | 1/256 S 9 in center 1915 in S. |
| | Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise a mound of earth 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, N. of cor. |
| 6.00 | Fence, brs. N. and S. Enter cultivated land. |
| 10.02 | Set an iron post ^{1 in. dia.} for 1/64 sec. cor. of sec. 9, stamped on cap |
| | 1/64 S 9 in center 1915 in S. |
| | Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise a mound of earth 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, N. of cor. |
| 10.40 | Fence, brs. N. and S. |
| 12.40 | Indian house on line. |
| 15.03 | Set an iron post 1 in. dia., for 1/256 sec. cor. of sec. 9, stamped on cap |
| | 1/256 S 9 in center 1915 in S. |
| | Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise a mound of earth 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, N. of cor. |
| 16.40 | Fence, brs. N. and S. Leave cultivated land; enter scattered mesquite and greasewood - over mesa land. |
| 17.60 | Road, Tucson to Nogales, brs. N. and S. |
| 20.04 | Set an iron post 1 in. dia. for SE. 1/16 sec. cor. of sec. 9, stamped on cap |
| | SE 1/16 S 9 in center 1915 in S. |

Resurvey of Subdivision lines in T. 15 S., R. 13 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. |
| 20.50 | Road, brs. NE. and SW. |
| 25.04 | Set an iron post 1 in. dia. for 1/256 sec. cor. of sec. 9, stamped on cap 1/256 S 9 in center 1915 in S. Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, N. of cor. |
| 30.05 | Set an iron post 1 in. dia. for 1/64 sec. cor. of sec. 9, stamped on cap 1/64 S 9 in center 1915 in S. Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, N. of cor. |
| 35.05 | Set an iron post 1 in. dia. for 1/256 sec. cor. of sec. 9, stamped in cap 1/256 S 9 in center 1915 in S. Dig pits 18x18x12 ins. E. and W. of post 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 | The S. 1/16 sec. cor. on $\frac{1}{4}$ sec. line of sec. 9. Land, level bottom, 16.40 chs.; mesa, 23.66 chs. Soil, 1st rate, 16.40 chs.; 2nd rate, 23.66 chs. Scattered mesquite and greasewood, 23.66 chs. - - - - - Returning to the E. 1/16 sec. cor. bet. secs. 9 and 16, thence I run N. $0^{\circ} 15'$ E. on a true line through the middle of the SE $\frac{1}{4}$ of sec. 9, Over level, open mesa land. |
| 5.00 | Set an iron post 1 in. dia., for 1/256 sec. cor. flush with the ground, in road from Tucson to Nogales bearing N. 5° E. and S. 5° W., stamped on cap 1/256 S 9 in center 1915 in S. Pits and mound impracticable. |
| 10.00 | Set an iron post 1 in. dia., for 1/64 sec. cor. of sec. 9, stamped on cap 1/64 S 9 in center 1915 in S. Dig pits 18x18x12 ins. N. and S. of post 3 ft. dist.; |

Resurvey of Subdivision lines in T. 15 S., R. 13 E.

Chains

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

11.50 Leave open land brs. N. 10° E. and S. 10° W.
Enter scattered mesquite and greasewood.

15.00 Set an iron post $\frac{1}{2}$ in. dia. for $1/256$ sec. cor. of sec.
9, stamped on cap

$1/256$ S 9 in center
1915 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.

20.00 The SE. $1/16$ sec. cor. of sec. 9.

20.50 Road, brs. NE. and SW.

25.00 Set an iron post ^{1 in. dia.} for $1/256$ sec. cor. of sec. 9, stamped
on cap

$1/256$ S 9 in center
1915 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.

30.01 Set an iron post ^{1 in. dia.} for $1/64$ sec. cor. of sec. 9, stamped
in cap

$1/64$ S 9 in center
1915 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.

35.01 Set an iron post 1 in. dia., for $1/256$ sec. cor. of sec.
9, stamped on cap

$1/256$ S 9 in center
1915 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.

40.02 The E. $1/16$ sec. cor. on $\frac{1}{4}$ sec. line of sec. 9.

Land, level mesa, 40.02 chs.

Soil, 2nd rate.

Scattered mesquite and greasewood, 28.52 chs.

March 29, 1915. At this cor., I set off $3^{\circ} 11'$ N. on
the decl. arc, and at apparent noon, observe the sun
on the meridian; the resulting lat. is $32^{\circ} 09'$, which
is within $1'$ of the proper lat.

BOOK 3422

Resurvey of Subdivision lines in T. 15 S., R. 13 E.

Chains

From the E. 1/16 sec. cor. on 1/4 sec. line of sec. 9,
I run

N. 0° 13' E. on a random line through the middle of the
NE 1/4 of sec. 9, setting temp. 1/16 and 1/256 sec. cors.

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

40.04 Falls 1 lk. W. of E. 1/16 sec. cor. bet. secs. 4 and 9.
(Move temp. NE. 1/16 sec. cor. 1/2 lk. E.)

- - - - -

From the N. 1/16 sec. cor. on 1/4 sec. line of sec. 9,
I run

N. 39° 37' E. on a random line through the middle of the
NE 1/4 of sec. 9, setting temp. 1/64 and 1/256 sec. cors.

20.00 Falls 2 lks. N. of temp. NE. 1/16 sec. cor.

40.02 Intersect the N. 1/16 sec. cor. bet. secs. 9 and 10.
(Therefore point for NE. 1/16 sec. cor. is 2 lks.
N. 0° 14' E. from temp. cor.)

Thence I run

S. 89° 37' W. on a true line through the middle of the
NE 1/4 of sec. 9.

Over open, nearly level mesa land.

.50 Fence, brs. N. and S.

5.00 Set an iron post 1 in. dia., for 1/256 sec. cor. of sec.
9, stamped on cap

1/256 S 9 in center
1915 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.

7.70 Road, brs. NE. and SW.

10.01 Set an iron post 1 in. dia., for 1/64 sec. cor. of sec.
9, stamped on cap

1/64 S 9 in center
1915 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.

11.10 Road, Tucson to Nogales, brs. N. and S.
Leave open land, enter scattered mesquite and greasewood.

15.01 Set an iron post 1 in. dia., for 1/256 sec. cor. of sec.
9, stamped on cap

1/256 S 9 in center
1915 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.

Resurvey of Subdivision lines in T. 15 S., R. 13 E.

Chains

- 20.02 Set an iron post 1 in. dia. for NE. 1/16 sec. cor. of sec. 9, stamped on cap
- NE 1/16 S 9 in center
1915 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.
- 25.02 Set an iron post 1 in. dia., for 1/256 sec. cor. of sec. 9, with brass cap stamped
- 1/256 S 9 in center
1915 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.
- 30.02 Set an iron post 1 in. dia., for 1/64 sec. cor. of sec. 9, with cap stamped
- 1/64 S 9 in center
1915 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.
- 35.02 Set an iron post 1 in. dia., for 1/256 sec. cor. of sec. 9, stamped on cap
- 1/256 S 9 in center
1915 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 The N. 1/16 sec. cor. on ¼ sec. line of sec. 9.
- Land, nearly level mesa.
Soil, 2nd rate.
Timber, scattered mesquite and greasewood, 28.92 chs.
- - - - -
- Returning to the E. 1/16 sec. cor. on ¼ sec. line, thence I run
- N. 0° 14' E. on a true line through the middle of the NE¼ of sec. 9.
- Over nearly level mesa land, through scattered mesquite and greasewood.
- 5.00 Set an iron post 1 in. dia. for 1/256 sec. cor. of sec. 9, stamped on cap
- 1/256 S 9 in center
1915 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.

Resurvey of Subdivision Lines in T. 15 S., R. 13 E.

Chains

Feb. 24, 1915. At 8h On a.m., l.m.t., I set off $32^{\circ}05'$ on the lat. arc, $9^{\circ}40\frac{1}{2}'$ S. on the decl. arc, and determine a meridian with the solar at the reestablished S.C. of secs. 31 and 32, on S. bdy. of Tp., previously described.

Thence I run

N. $0^{\circ}01'$ E. on a true line bet. secs. 31 and 32.

Descending from low saddle, through mesquite and palo verde timber; brush and cactus.

10.00 Drain, course E. Foot of descent. Begin ascent of low ridge.

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

33.00 Drain, course N. 60° E.
Foot of descent; begin steep ascent of rocky SE. slope of Black Mountain.

40.32 The proportional point for $\frac{1}{4}$ sec. cor. bet. secs. 31 and 32.

Set an iron post 1 in. dia., stamped on cap

$\frac{1}{4}$ in N.
S 31 in W.
S 32 in E.
1915 in S.

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

61.80 Top of ascent, brs. N. 60° E. and S. 60° W.
Begin descent of rocky NW. slope.

80.64 The proportional point for the cor. of secs. 29, 30, 31 and 32,

Set an iron post 2 ins. dia., stamped on cap

T 15 S S 30 in NW.
R 13 E S 29 in NE.
S 32 in SE.
S 31 in SW.
1915 in S.

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

Land, mountainous, 80.64 chs.
Soil, rocky, 4th rate.
Timber, scattered mesquite and palo verde.
Brush, mesquite, palo verde and cactus.

N. $89^{\circ}11'$ E. on a true line bet. secs. 29 and 32.

Ascending rocky NW. slope of Black Mountain, through scattered mesquite and palo verde timber, mesquite brush and cactus.

16.70 Top of ascent, brs. N. and S.
Thence descend over N. slope.

28.00 Begin descend of SE. slope.

Resurvey of Subdivision lines in T. 15 S., R. 13 E.

Chains

40.07 The proportional point for $\frac{1}{4}$ sec. cor. bet. secs. 29 and 32.

Set an iron post 1 in. dia., stamped on cap

$\frac{1}{4}$ in W.
S 29 in N.
S 32 1915 in S.

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

Feb. 24, 1915. At this cor., I set off $9^{\circ} 38'$ S. on the decl. arc, and at apparent noon observe the sun on the meridian; the resulting lat. is $32^{\circ} 06'$, which is the proper lat.

46.20 Foot of descent. Drain, course SE.
Begin ascent of SW. slope.

64.00 Top of ascent, brs. N. and S.
Begin descent of SE. slope.

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

Land, mountainous.
Soil, rocky, 4th rate.
Timber, scattered mesquite and palo verde.
Brush, mesquite and cactus.

From the cor. of secs. 29, 30, 31 and 32, I run
S. $88^{\circ} 50'$ W. on a true line bet. secs. 30 and 31.

Descending rocky NW. slope, through scattered mesquite
and palo verde timber; brush and cactus.

11.00 Foot of descent; drain, course N. 15° E.
Begin ascent of NE. slope.

40.17 The proportional point for $\frac{1}{4}$ sec. cor. bet. secs. 30 and 31.

Set an iron post 1 in. dia., stamped on cap

$\frac{1}{4}$ in W.
S 30 in N.
S 31 1915 in S.

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

43.50 Top of ascent, brs. N. and S.
Begin descent of NW. slope.

80.26 The reestablished cor. of secs. 25, 30, 31 and 36, on W.
bdy. of Tp., previously described.

Land, mountainous.
Soil, rocky 4th rate.
Timber, scattered mesquite and palo verde.
Brush, mesquite and cactus.

Feb. 24, 1915.

Resurvey of Subdivision lines in T. 15 S., R. 13 E.

Chains

Feb. 25, 1915. At 8h 0m a.m., l.m.t., I set off $32^{\circ}06'$ on the lat. arc, $9^{\circ}18\frac{1}{2}'$ S. 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. $0^{\circ}32'$ E. on a true line bet. secs. 29 and 30.

Descend rocky NW. slope of Black Mountain, through mesquite and palo verde timber, brush and cactus.

7.00 Foot of descent, brs. E. and W.
Leave scattered timber, enter greasewood.
Over nearly level land, sloping gradually towards N.

40.32 The proportional point for $\frac{1}{4}$ sec. cor. bet. secs. 29 and 30.

Set an iron post 1 in. dia., stamped on cap

$\frac{1}{4}$ in N.
S 29 in E.
S 30 in W.
1915 in S.

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

80.64 The old cor. of secs. 19, 20, 29 and 30, which is a mappais stone $20 \times 12 \times 10$ ins., with 2 notches on S. and 5 on E. edge. (This cor. is on N. bdy. of Papago Indian Reservation)

North and alongside, I set an iron post 3 ins. dia., stamped in cap

T 15 S S 19 in NW.
R 13 E S 20 in NE.
S 29 in SE.
S 30 in SW.
P I R 1915 in S.

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

Land, mountainous 7.00 chs.; nearly level 73.64 chs.
Soil, 4th rate, rocky, 80.64 chs.
Timber, scattered mesquite and palo verde, 7.00 chs.
Brush, mesquite, cactus and greasewood.

N. $89^{\circ}29'$ E. on a true line bet. secs. 20 and 29, along N. bdy. of Papago Indian Reservation.

Over level mesa land, through mesquite brush, greasewood and cactus.

20.52 The proportional point for W. $1/16$ sec. cor. bet. secs. 20 and 29.

Set an iron post 1 in. dia., stamped on cap

W $1/16$ in W.
S 20 in N.
S 29 P I R 1915 in S.

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

Resurvey of Subdivision lines in T. 15 S., R. 13 E.

Chains

41.04 The proportional point for $\frac{1}{4}$ sec. cor. bet. secs. 20 and 29.

Set an iron post 1 in. dia., stamped on cap

$\frac{1}{4}$ in W.
S 20 in N.
S 29 P I R 1915 in S.

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

Feb. 25, 1915. At this cor., I set off $9^{\circ} 15\frac{1}{2}'$ S. on the decl. arc, and at apparent noon observe the sun on the meridian; the resulting lat. is $32^{\circ} 07'$, which is the proper lat.

43.30 Cor. of fence, brs. N. and E.
Thence along same.

61.56 The proportional point for E. $1/16$ sec. cor. bet. secs. 20 and 29, stamped on cap

E $1/16$ on W.
S 20 in N.
S 29 P I R 1915 in S.

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

82.08 The cor. of secs. 20, 21, 28 and 29.

Land, nearly level.
Soil, 2nd rate.
Brush, mesquite, greasewood and cactus.
No timber.

From the cor. of secs. 19, 20, 29 and 30, I run

N. $89^{\circ} 52'W.$ on a true line bet. secs. 19 and 30, along N. bdy. of Papago Indian Reservation.

Over level mesa land, through mesquite brush, greasewood and cactus.

19.86 The proportional point for the E. $1/16$ sec. cor. bet. secs. 20 and 29.

Set an iron post 1 in. dia., stamped on cap

E $1/16$ in W.
S 19 in N.
S 30 P I R 1915 in S.

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

39.72 The old $\frac{1}{4}$ sec. cor. bet. secs. 19 and 30, a malpais stone 14x16x10 ins., mkd. $\frac{1}{4}$ S P R on N.

North and alongside, I set an iron post 1 in. dia., stamped on cap

$\frac{1}{4}$ in W.
S 19 in N.
S 30 P I R 1915 in S.

BOOK 8422

Resurvey of Subdivision lines in T. 15 S., R. 13 E.

Chains

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

Land, level.

Soil, 2nd rate.

Brush, mesquite, greasewood, and cactus, 39.70 chs.

No timber.

Thence

S. $88^{\circ} 14'$ W. on a true line bet. secs. 19 and 30, along N. bdy. of Papago Indian Reservation.

Over level mesa land, through mesquite brush, greasewood and cactus.

20.38 The proportional point for the W. $1/16$ sec. cor. bet. secs. 19 and 30,

Set an iron post 1 in. dia., stamped on cap

W $1/16$ in W.

S 19 in N.

S 30 P I R 1915 in S.

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

22.80 Road, brs. NE. and SW.

40.66 (20.28) The reestablished cor. of secs. 19, 24, 25 and 30, on W. bdy. of Tp., previously described.

Land, nearly level.

Soil, 2nd rate.

Brush, mesquite, greasewood and cactus.

No timber.

Feb. 25, 1915.

Resurvey of meanders of T. 15 S., R. 13 E.

Meanders of Right bank of Santa Cruz
River, up stream.

March 30, 1915. At 8h On a.m., l.m.t., I set off
32° 07' on the lat. arc, 3° 31' N. on the decl.
arc, and determine a meridian with the solar, at the
M.C. bet. secs. 14 and 23, on right bank of Santa Cruz
River.

Thence I run with meanders in sec. 23, along right bank,
up stream.

Over open land; out bank 12 ft. high.

| | | | |
|----------------|------|------|--|
| S. 20½° W., | 2.10 | chs. | |
| S. 40½° W., | 4.20 | " | Thence across mouth of barranca, course NW., 2.00 chs. wide, 8 ft. deep. |
| S. 29° W., | 6.10 | " | Thence across mouth of barranca, 8 ft. deep, course NW. |
| S. 16° W., | 2.40 | " | |
| S. 17½° E., | 4.20 | " | |
| S. 25° 7' E., | 3.60 | " | At 3.00 - Fence brs. E. and W. At 3.20 - Road, brs. E. and W. At 3.40 - Fence brs. E. and W. At 3.60 - N. 1/16 M.C., which is also 1/256 sec. cor. |
| S. 15½° E., | 1.90 | " | |
| S. 5½° W., | 3.30 | " | Indian house 50 lks. E. of this point. Thence across barranca, 8 ft. deep, course NW. |
| S. 1½° E., | 5.50 | " | |
| S. 21½° E., | 1.70 | " | |
| S. 18½° W., | 2.10 | " | |
| S. 9½° W., | 3.40 | " | |
| S. 14° E., | 1.50 | " | |
| S. 63° 33' E., | 2.14 | " | To M.C. on ¼ sec. line. |
| S. 18½° W., | 3.40 | " | |
| S. 33½° E., | 3.50 | " | At 2.50 chs. - Canal 50 lks. wide, course N. 30° E. |
| S. 32° W., | 4.30 | " | |
| S. 16½° W., | 5.90 | " | |
| S. 6° W., | 3.00 | " | |
| S. 9° 52' E., | 1.69 | " | To 1/16 M.C. |
| S. 18° W., | 2.90 | " | |
| S. 1½° W., | 3.60 | " | |
| S. 14° E., | 1.75 | " | To M.C. on N. bdy. of Rancho de Martinez. Thence with meanders across Rancho de Martinez. |
| S. 2° E., | .80 | " | |
| S. 19½° E., | 5.00 | " | |
| S. 25½° E., | 2.20 | " | |
| S. 41° 04' E., | 3.17 | " | To M.C. on S. bdy. of Rancho de Martinez. |
| S. 50½° E., | 2.20 | " | |
| S. 60° 55' E., | 1.47 | " | To M.C. bet. secs. 23 and 26. |

Land, open bottom.
Soil, 1st rate.

March 30, 1915. At this M.C. I set off 3° 35' N. on the
decl. arc, and at apparent noon observe the sun on the
meridian; the resulting lat. is 32° 07', which is the
proper lat.

Resurvey of meanders of T. 15 S., R. 13 E.

Chains

Thence with meanders in sec. 26. Along right bank, up stream, out bank 10 ft. high.

Enter mesquite brush and cactus.

| | | | |
|---------------------------|------|------|--|
| S. 70 $\frac{1}{2}$ ° E., | 2.40 | chs. | |
| S. 73° E., | 4.60 | " | |
| S. 82° 30' E., | 2.68 | " | To M.C. on 1/16 sec. line of sec. 26. Thence across mouth of barranca 10 ft. deep. |
| S. 6 $\frac{1}{2}$ ° E., | 3.40 | " | |
| S. 21° E., | 2.20 | " | |
| S. 64 $\frac{1}{2}$ ° E., | 1.40 | " | |
| S. 43 $\frac{1}{2}$ ° E., | 1.90 | " | |
| S. 4 $\frac{1}{2}$ ° E., | 1.40 | " | |
| S. 59° E., | 2.10 | " | |
| S. 20 $\frac{1}{2}$ ° W., | 1.80 | " | |
| S. 43 $\frac{1}{2}$ ° E., | 1.60 | " | |
| S. 56° E., | 1.40 | " | |
| S. 69° E., | 2.50 | " | |
| S. 47° E., | 1.90 | " | |
| S. 34° 25' E., | 2.10 | " | To M.C. on 1/16 sec. line of sec. 26. |
| S. 41 $\frac{1}{2}$ ° E., | .70 | " | |
| S. 17 $\frac{1}{2}$ ° E., | 1.70 | " | |
| S. 25 $\frac{1}{2}$ ° E., | 2.40 | " | |
| S. 18 $\frac{1}{2}$ ° W., | 2.90 | " | |
| S. 9° E., | 2.80 | " | |
| S. 2° E., | 2.90 | " | |
| S. 5 $\frac{1}{2}$ ° E., | 2.90 | " | |
| S. 26° 25' E., | 4.95 | " | To M.C. on $\frac{1}{4}$ sec. line of sec. 26. |
| S. 15 $\frac{1}{2}$ ° E., | 2.40 | " | |
| S. 4 $\frac{1}{2}$ ° W., | 3.40 | " | |
| S. 19 $\frac{1}{2}$ ° E., | 3.30 | " | |
| S. 7° E., | 4.90 | " | |
| S. 59° 07' E., | .93 | " | To M.C. on $\frac{1}{4}$ sec. line of sec. 26. |
| S. 31 $\frac{1}{2}$ ° E., | 3.00 | " | |
| S. 34° E., | 4.04 | " | To M.C. on 1/16 sec. line of sec. 26. |
| S. 26 $\frac{1}{2}$ ° E., | 3.20 | " | |
| S. 1° W., | 3.30 | " | |
| S. 16 $\frac{1}{2}$ ° W., | 3.00 | " | |
| S. 13 $\frac{1}{2}$ ° E., | 6.30 | " | |
| S. 32 $\frac{1}{2}$ ° E., | 2.50 | " | |
| S. 10° 43' E., | 2.85 | " | To M.C. bet. secs. 26 and 35. |

Land, level bottom.

Soil, 1st rate.

Scattered mesquite timber; dense mesquite brush and cactus.

March 30, 1915.

March 31, 1915. At 8h 0m a.m., l.m.t., I set off 32° 06' on the lat. arc, 3° 54 $\frac{1}{2}$ ' N. on the decl. arc, and determine a meridian with the solar, at the M.C. bet. secs. 26 and 35.

Thence I run with meanders in sec. 35, along out bank 12 ft. high, on right bank of Santa Cruz River, up stream.

Through scattered timber, dense mesquite brush and cactus.

| | | |
|---------------------------|------|------|
| S. 1 $\frac{1}{2}$ ° E., | 1.70 | chs. |
| S. 22 $\frac{1}{2}$ ° E., | 1.40 | " |
| S. 73° E., | 2.40 | " |
| S. 36 $\frac{1}{2}$ ° E., | 1.50 | " |

Resurvey of meanders in T. 15 S., R. 13 W.

Chains

S. 15 $\frac{1}{2}$ ° E., 3.60 chs.
 S. 8 $\frac{1}{2}$ ° W., 4.00 "
 S. 35° E., 5.20 "
 S. 16° 15' E., 3.68 " To M.C. on 1/16 sec. line of sec. 35.
 S. 25° E., 3.50 "
 S. 16 $\frac{1}{2}$ ° E., 3.00 "
 S. 30 $\frac{1}{2}$ ° E., 2.60 "
 S. 5° 12' E., 1.75 " To M.C. on 1/16 sec. line of sec. 35.
 S. 22 $\frac{1}{2}$ ° E., 3.10 "
 S. 4 $\frac{1}{2}$ ° W., 5.00 "
 S. 32° 11' E., 2.56 " To M.C. on $\frac{1}{4}$ sec. line of sec. 35.
 S. 44 $\frac{1}{2}$ ° E., 4.20 "
 S. 49 $\frac{1}{2}$ ° E., 3.80 "
 S. 6 $\frac{1}{2}$ ° W., 1.90 "
 S. 40 $\frac{1}{2}$ ° E., 1.00 "
 S. 59 $\frac{1}{2}$ ° E., 1.60 "
 N. 82 $\frac{1}{2}$ ° E., 1.70 "
 S. 35 $\frac{1}{2}$ ° E., 2.90 "
 S. 14 $\frac{1}{2}$ ° E., 3.50 "
 S. 27 $\frac{1}{2}$ ° E., 3.50 "
 S. 36° 21' E., 3.18 " To M.C. on 1/16 sec. line of sec. 35.
 S. 27 $\frac{1}{2}$ ° E., 1.30 "
 S. 59° 04' E., 2.26 " To M.C. bet. frac. secs. 35 and 36.

Land, level bottom.

Soil, 1st rate.

Scattered timber, dense mesquite brush and cactus.

Thence with meanders in Sec. 36, along out bank 10 ft. high, on right bank of Santa Cruz River, up stream.

Through scattered timber, dense mesquite brush and cactus.

S. 43 $\frac{1}{2}$ ° E., 1.30 chs.
 S. 57 $\frac{1}{2}$ ° E., 1.90 "
 S. 23° E., 3.10 "
 S. 8° E., 2.10 "
 S. 14 $\frac{1}{2}$ ° E., 1.40 "
 S. 25 $\frac{1}{2}$ ° E., 4.30 "
 S. 17° E., 5.30 "
 S. 61° 50' E., 1.29 " To standard M.C. of sec. 36, on right bank of Santa Cruz River.

Land, level bottom.

Soil, 1st rate.

Scattered timber, dense mesquite brush and cactus.

March 31, 1915. At this cor. I set off 3° 59' N. on the decl. arc, and at apparent noon observe the sun on the meridian; the resulting lat. is 32° 05', which is the proper lat.

Meanders of Left bank of Santa Cruz
River, down stream.

From the Standard Meander Cor., on left bank of Santa Cruz River in Sec. 36, I run with meanders in sec. 36, along out bank 10 ft. high, on left bank of Santa Cruz River, down stream.

Through scattered timber, dense mesquite brush and cactus.

N. 25° W., 2.50 chs.

Resurvey of meanders in T. 15 S., R. 13 E.

Chains

N. 7 $\frac{1}{2}$ ° W., 1.90 chs.
 N. 50 $\frac{1}{2}$ ° E., .50 "
 N. 15 $\frac{1}{2}$ ° W., 1.90 "
 N. 45 $\frac{1}{2}$ ° W., 1.10 "
 N. 37° W., 3.40 "
 N. 15° W., 3.90 "
 N. 40° W., .85 " To M.C. of frac. secs. 35 and 36.

Land, level bottom.

Soil, 1st rate.

Scattered timber, dense brush and cactus.

 Thence with meanders in sec. 35, along left bank of
 Santa Cruz River, out bank 10 ft. high, downstream.

Through scattered timber, dense mesquite brush and cactus.

N. 37 $\frac{1}{2}$ ° W., .70 chs.
 N. 56 $\frac{1}{2}$ ° W., 2.70 "
 N. 24° W., 3.20 "
 N. 40 $\frac{1}{2}$ ° W., 1.20 " To 1/16 M.C. of sec. 35.
 N. 41 $\frac{1}{2}$ ° W., 2.00 "
 N. 28° W., 1.90 "
 N. 32 $\frac{1}{2}$ ° W., 3.00 "
 N. 8 $\frac{1}{2}$ ° E., 1.30 "
 N. 25 $\frac{1}{2}$ ° W., 2.20 "
 N. 52 $\frac{1}{2}$ ° W., 4.70 "
 N. 18 $\frac{1}{2}$ ° W., 1.50 "
 N. 25 $\frac{1}{2}$ ° W., 2.30 "
 N. 53° W., 4.80 "
 N. 45° 39' W., 2.57 " To M.C. on $\frac{1}{4}$ sec. line of sec. 35
 (also E. 1/16 sec. cor.)
 N. 13 $\frac{1}{2}$ ° W., 2.00 "
 N. 7° E., 3.10 "
 N. 3 $\frac{1}{2}$ ° W., 2.80 "
 N. 14 $\frac{1}{2}$ ° W., 4.40 "
 N. 32 $\frac{1}{2}$ ° W., 4.10 "
 N. 3 $\frac{1}{2}$ ° E., 1.50 "
 N. 28° 55' W., 3.41 " To M.C. on 1/16 sec. line of sec. 35.
 N. 29 $\frac{1}{2}$ ° W., 2.90 "
 N. 35 $\frac{1}{2}$ ° W., 5.30 "
 N. 14 $\frac{1}{2}$ ° W., 2.10 "
 N. 28 $\frac{1}{2}$ ° E., 1.84 "
 N. 5° W., 2.10 "
 N. 20 $\frac{1}{2}$ ° W., 1.80 "
 N. 65 $\frac{1}{2}$ ° W., 3.20 "
 N. 27 $\frac{1}{2}$ ° W., 2.60 "
 N. 9° 46' E., 1.96 " To M.C. of frac. secs. 26 and 35,

Land, level bottom.

Soil, 1st rate,

Scattered timber, dense brush and cactus.

March 31, 1915.

 April 1, 1915. At 8h 0m a.m., l.m.t., I set off 32° 06'
 on the lat. arc, 4° 18' N. on the decl. arc, and deter-
 mine a meridian with the solar, at the M.C. of frac.
 secs. 26 and 35, on left bank of Santa Cruz River.

Thence I run with meanders in sec. 26, along left bank
 of Santa Cruz River, down stream; out bank 12 ft. high.

Through scattered timber, dense mesquite brush and cactus.

Resurvey of meanders in T. 15 S., R. 13 E.

| | | | |
|------------------------------------|------|------|--|
| N. 13 $\frac{1}{2}$ $^{\circ}$ W., | 2.00 | chs. | |
| N. 27 $\frac{1}{2}$ $^{\circ}$ W., | 3.00 | " | |
| N. 14 $\frac{1}{2}$ $^{\circ}$ W., | 2.20 | " | |
| N. 7 $\frac{1}{2}$ $^{\circ}$ W., | 1.60 | " | |
| N. 11 $\frac{1}{2}$ $^{\circ}$ W., | 1.40 | " | |
| N. 13 $^{\circ}$ W., | 2.70 | " | |
| N. 24 $\frac{1}{2}$ $^{\circ}$ E., | 2.90 | " | |
| N. 14 $^{\circ}$ W., | .80 | " | |
| N. 29 $\frac{1}{2}$ $^{\circ}$ W., | 1.70 | " | |
| N. 35 $\frac{1}{2}$ $^{\circ}$ W., | 1.20 | " | |
| N. 17 $\frac{1}{2}$ $^{\circ}$ W., | 1.70 | " | |
| N. 80 $^{\circ}$ 16' W., | 1.54 | " | To M.C. on $\frac{1}{4}$ sec. line (also S. 1/16 sec. cor. on $\frac{1}{4}$ sec. line) |
| N. 25 $\frac{1}{2}$ $^{\circ}$ W., | 4.40 | " | |
| N. 37 $\frac{1}{2}$ $^{\circ}$ W., | 4.10 | " | |
| N. 30 $\frac{1}{2}$ $^{\circ}$ W., | 2.40 | " | |
| N. 6 $\frac{1}{2}$ $^{\circ}$ E., | 5.30 | " | |
| N. 8 $^{\circ}$ W., | 2.50 | " | |
| N. 12 $\frac{1}{2}$ $^{\circ}$ W., | 2.60 | " | |
| N. 42 $^{\circ}$ W., | .52 | " | To M.C. on $\frac{1}{4}$ sec. line of sec. 26. |
| N. 23 $\frac{1}{2}$ $^{\circ}$ W., | 4.10 | " | |
| N. 16 $^{\circ}$ W., | 3.30 | " | |
| N. 1 $\frac{1}{2}$ $^{\circ}$ W., | 5.40 | " | |
| N. 16 $^{\circ}$ E., | 2.90 | " | |
| N. 4 $^{\circ}$ E., | 1.90 | " | |
| N. 19 $^{\circ}$ 08' W., | 3.21 | " | To M.C. on 1/16 sec. line of sec. 26. |
| N. 44 $\frac{1}{2}$ $^{\circ}$ W., | .60 | " | |
| N. 54 $\frac{1}{2}$ $^{\circ}$ W., | 2.00 | " | |
| N. 57 $\frac{1}{2}$ $^{\circ}$ W., | 1.60 | " | |
| N. 76 $\frac{1}{2}$ $^{\circ}$ W., | 1.50 | " | |
| N. 59 $\frac{1}{2}$ $^{\circ}$ W., | 2.10 | " | |
| N. 54 $\frac{1}{2}$ $^{\circ}$ W., | 1.70 | " | |
| N. 44 $\frac{1}{2}$ $^{\circ}$ W., | 1.60 | " | |
| N. 38 $^{\circ}$ 05' W., | 1.65 | " | To M.C. on 1/16 sec. line of sec. 26. |
| N. 7 $\frac{1}{2}$ $^{\circ}$ W., | 1.30 | " | |
| N. 26 $^{\circ}$ W., | 2.70 | " | |
| N. 35 $^{\circ}$ W., | 1.10 | " | |
| N. 10 $\frac{1}{2}$ $^{\circ}$ W., | 1.80 | " | |
| N. 24 $^{\circ}$ E., | .80 | " | |
| N. 50 $\frac{1}{2}$ $^{\circ}$ W., | 3.20 | " | |
| N. 86 $\frac{1}{2}$ $^{\circ}$ W., | 1.80 | " | |
| S. 84 $\frac{1}{2}$ $^{\circ}$ W., | 2.50 | " | |
| S. 82 $\frac{1}{2}$ $^{\circ}$ W., | 2.70 | " | |
| N. 70 $^{\circ}$ 36' W., | 3.20 | " | Across mouth of barranca, 12 ft. deep, course N. To M.C. "Rancho de Martinez" |
| N. 24 $^{\circ}$ W., | 1.00 | " | |
| N. 49 $^{\circ}$ 55' W., | 3.06 | " | To temp. M.C. of frac. secs. 23 and 26. |

Land, level.

Soil, 1st rate.

Scattered timber, dense mesquite brush and cactus.

April 1, 1915. At this cor., I set off 4 $^{\circ}$ 21' N. on the decl. arc, and at apparent noon observe the sun on the meridian; the resulting lat. is 32 $^{\circ}$ 07', which is the proper lat.

Thence with meanders in sec. 23, along left bank Santa Cruz River, down stream; cut bank 12 ft. high.

Over level open land.

3.78 To temp. M.C. bet. secs. 22 and 23.

Land, level open bottom.

Soil, 1st rate.

Resurvey of meanders in T. 15 S., R. 13 E.

Thence with meanders in sec. 22, along left bank of
Santa Cruz River, down stream; cut bank 10 ft. high,

Over level open land.

| | | | |
|--------------------------------|------|------|--|
| N. $8\frac{1}{2}^{\circ}$ W., | 2.50 | chs. | |
| N. $24\frac{1}{2}^{\circ}$ W., | 5.00 | " | |
| N. 18° W., | 2.26 | " | To M.C. on N. bdy. of Rancho de Martinez. |
| N. $1\frac{1}{4}^{\circ}$ E., | 4.00 | " | |
| N. $8\frac{1}{2}^{\circ}$ E., | 4.06 | " | To M.C. on 1/16 sec. line of sec. 22. |
| North | 1.90 | " | |
| N. $14^{\circ}41'E.$, | 8.68 | " | To M.C. of frac. secs. 22 and 23. |

Land, level bottom.
Soil, 1st rate.
No timber or brush.

Thence with meanders in sec. 23, along left bank of
Santa Cruz River, down stream; cut bank 12 ft. high.

| | | | |
|--------------------------------|------|------|--|
| N. $65\frac{1}{4}^{\circ}$ E., | 1.20 | chs. | |
| N. 15° E., | 2.50 | " | |
| N. $48\frac{1}{4}^{\circ}$ W., | 1.50 | " | |
| N. $7\frac{1}{2}^{\circ}$ W., | 3.10 | " | |
| N. $11^{\circ}25'E.$, | 2.75 | " | To M.C. on $\frac{1}{4}$ sec. line of sec. 23. |
| N. $35\frac{3}{4}^{\circ}$ E., | 1.40 | " | |
| N. $3\frac{1}{4}^{\circ}$ E., | 3.00 | " | |
| N. 3° W., | 4.50 | " | |
| N. 21° W., | 2.80 | " | |
| N. $7^{\circ}51'W.$, | 5.61 | " | To M.C. of frac. secs. 22 and 23. At 1.20 chs. - Barranca, 2.00 chs. wide, 10 ft. deep, course N. $15^{\circ}E.$ |

Land, level bottom.
Soil, 1st rate.
No timber or brush.

Thence with meanders in sec. 22, left bank Santa Cruz
River, down stream; cut bank 10 ft. high.

Over open level land.

| | | | |
|--------------------------------|------|------|--|
| N. 44° W., | 4.39 | chs. | To M.C. on 1/16 sec. line of sec. 22. |
| N. $2\frac{1}{4}^{\circ}$ W., | 1.70 | " | At .40 chs. - Road brs. E. and W. |
| N. $36\frac{1}{4}^{\circ}$ W., | 3.40 | " | |
| N. $4\frac{1}{2}^{\circ}$ W., | 3.30 | " | |
| N. 58° E., | 4.10 | " | |
| N. $27^{\circ}13'E.$, | 4.06 | " | To M.C. bet. secs. 22 and 23. |

Land, open, level bottom.
Soil, 1st rate.
No timber or brush.

Thence with meanders in sec. 23, left bank of Santa Cruz
River, down stream; cut bank 12 ft. high.

Over open level land.

| | | |
|--------------------------------|------|------|
| N. $40\frac{1}{4}^{\circ}$ E., | 5.90 | chs. |
|--------------------------------|------|------|

Resurvey of meanders of T. 15 S., R. 13 E.

N. 21° 28' E., 2.23 chs. To M.C. of frac. secs. 14
and 23.

Land, open bottom land.
Soil, 1st rate.
No timber or brush.

April 1, 1915.

Resurvey of the Rancho de Martinez.

Chains

Feb. 13, 1915. At 8h a.m., l.m.t., I set off $32^{\circ} 7'$ on lat. arc, and $13^{\circ} 32\frac{1}{2}'$ S. on decl arc, and determine a meridian with the solar at a temp. cor. which I set at the cor. of fences, bearing S. & E., which is known as the NW. cor. of "The Berger Ranch" or (Rancho^o Martinez). No trace of old cor. is found.

Thence I run

N. $77^{\circ} 40'$ E. on a random line.

16.70 Set temp. cor. #2. Unable after diligent search to find any trace of old cor.

N. 89° E on a random line

31.93 Set temp cor. #3. Unable after diligent search to find any trace of old cor.

Thence S. $32^{\circ} 35'$ W. on a random line

5.00 Intersect an old mound of stone at the foot of W. slope of "Berger Butte". After diligent search no signs of old mesquite post are found. This old mound of stone probably represents what remains of the old cor. #4.

Thence S. 15° E.

4.17 Set temp. cor. #5, which falls among several scattered stones which might have been the old mound.

Thence S. 10° E.

3.52 Set temp. cor. #6. Falls in bed of Santa Cruz. No chance for any signs of old cor.

Thence S. $32^{\circ} 15'$ W. in river bed.

4.00 Set temp. cor. #7, which also falls in bed of Santa Cruz. No chance of any signs of old cor.

Thence N. $81^{\circ} 15'$ W.

1.63 Set temp. cor. #8. After diligent search no trace of old cor. is found.

Resurvey of the Rancho de Martinez.

Chains

Thence N. 83° 45' W.

10.75

Set temp. cor. #9. After diligent search, no signs of old cor. are found.

Thence S. 80° 15' W.

1.78

Set temp. cor. #10. After diligent search no trace of old cor. is found.

Thence S. 74° 15' W.

3.76

Set temp cor. #11. After diligent search no trace of old cor. is found.

S. 67° 15' W.

5.57

Set temp. cor. #12. After diligent search no trace of old cor. is found.

Thence S. 68° 40' W.

10.36

Set temp. cor. #13. After diligent search no trace of old cor. is found.

Thence N. 86° 30' W.

11.21

Set temp. cor. #14. After diligent search no trace of old cor. is found.

Thence N. 5° 15' W.

16.20

Intersect temp. NW. cor. and place of beginning.

Feb. 13, 1915. At this temp. cor. I set off 13° 30' S. on decl. arc, and at apparent noon observe the sun on the meridian. The resulting lat. is 32° 7' which is the proper lat.

After completing the traverse of "Rancho^{de} Martinez" which conforms very closely to the fence lines, claimed as boundaries of the claim, I am convinced that the old mound of stones at the foot of the W. slope of "Berger Butte", is the old mound built at cor. #4, and that the scattered stones around my temp. cor. #5 is the old remains of the old mound for that cor., therefore the temp. cors. as set are at true points for respective corners.

Resurvey of the Rancho de Martinez.

Ln 1. 15 S., R. 13 E.

| Chains | |
|--------|--|
| | <p>Therefore, at temp. beginning cor. at the cor. of fences bearing S & E., I set an iron post 1 in. dia., stamped on cap</p> <p style="padding-left: 40px;">T 15 S in N. R 13 E S 22 in NW. Cor 1 Beg cor R M in SE. 1915 in S.</p> <p style="padding-left: 40px;">S. and E. of post Dig pits 18 x 18 x 12 ins. on line, and raise a mound of earth 3½ ft. base, 1½ ft. high, SE. of cor.</p> <p>Thence I run</p> <p>N. 77° 40' E. on a true line, along fence and ditch.</p> <p>Over level land.</p> |
| 4.80 | Fence, brs. N. |
| 8.80 | Fence, brs. N. |
| 16.70 | <p>Set an iron post 1 in. dia., stamped on cap</p> <p style="padding-left: 40px;">T 15 S R 13 E S 22 in N. 2 R M 1915 in S.</p> <p>Pits and mound impracticable.</p> <p>Thence N. 89° E. on a true line, along fence and ditch.</p> <p>Over level bottom land.</p> |
| 2.70 | Fence, brs. N. |
| 2.80 | Ditch, brs. N. |
| 3.50 | Leave fence. Enter barranca 10 ft. deep, 1 ch. wide, course E. |
| 15.60 | Leave barranca, course N. 10° E. |
| 19.83 | <p>Left bank of Santa Cruz; cut bank 10 ft. high, brs. N.</p> <p>Set an iron post 1 in. dia., for the M. C., stamped on cap</p> <p style="padding-left: 40px;">T 15 S R 13 E S 22 in NW M C in E. R M 1915 in S.</p> <p>Dig pit 36x36x12 ins. 8 ft. W. of cor., and raise a mound of earth 4 ft. base, 2 ft. high, W. of cor.</p> <p>Thence across river</p> |
| 25.88 | <p>Right bank of Santa Cruz; cut bank 10 ft. high, brs. N.</p> <p>Set an iron post 1 in. dia., for the M. C. stamped in cap</p> <p style="padding-left: 40px;">M C in W. T 15 S R 13 E S 23 in NE. R M 1915 in S.</p> |

Resurvey of the Rancho de Martinez
in T. 15 S., R. 13 E.

BOOK 3422

Chains

Dig pit 36 x 36 x 12 ins. 8 ft. E. of cor.; and
raise a mound of earth 4 ft. base, 2 ft. high,
E. of cor.

25.90 Fence, brs. N. & E. Thence along same.

27.80 Ditch, 5 lks. wide, course N.

31.93 Set an iron post 1 in. dia., for cor. No. 3,
stamped on cap

T 15 S in N.
R M 3 in SW.
R 13 E S 23 in E.
1915 in S.

Dig pits 18 x 18 x 12 ins. on line; and raise a
mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, SW. of cor.

Thence S. $32^{\circ} 35'$ W. on a true line along foot of
W. slope of "Berger Butte".

5.00 Set an iron post 1 in. dia., for cor. # 4,
stamped on cap

R M 4 in W.
T 15 S R 13 E S 23 in E.
1915 in S.

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

Thence S. 15° E. along foot of W. slope of "Berger
Butte"

4.17 Set an iron post 1 in. dia., for cor. #5, stamped
on cap

R M 5 in W.
T 15 S R 13 E S 23 in E.
1915 in S.

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

Thence S. 10° E. on a true line, along foot of W.
slope of Berger Butte.

1.70 Ditch 5 lks. wide, course NW.

1.80 Right bank of Santa Cruz, cut bank 10 ft. high, brs.
NW.

Set an iron post 1 in. dia., for the M. C.,
stamped on cap

R M in NW.
T 15 S R 13 E S 23 in NE.
M C 1915 in S.

Resurvey of the Rancho de Martinez.
in T. 15 S., R. 13 E.

Chains

3.52 True point for cor. # 6 falls in bed of Santa Cruz.

Thence from true point for cor. #6

S. 32° 15' W. on a true line over river bed.

4.00 True point for cor. #7, also falls in Santa Cruz.

Thence from true point for cor. #7.

N. 81° 15' W. on a true line, over river bed.

.52 Left bank of Santa Cruz, cut bank 10 ft. high, brs. NW.

Set an iron post 1 in. dia. for the M. C.
stamped in cap

R M in NW.

M C in E.

T 15 S R 13 E S 23 in SW.

1915 in S.

Dig pit 36 x 36 x 12 ins. 8 ft. W. of cor., and
raise a mound of earth 4 ft. base, 2 ft. high,
W. of cor.

Thence over level bottom land

1.63 Set an iron post 1 in. dia. for cor. #8, stamped
on cap

R M 8 in N.

T 15 S R 13 E S 23 1915 in S.

From which a

Willow 8 ins. dia., brs. S. 30 $\frac{3}{4}$ ° E., 30 lks. dist.,
mkd. COR 8 R M B T

Cottonwood 36 ins. dia., brs. N. 73 $\frac{3}{4}$ ° W., 47 lks.
dist., mkd. COR 8 R M B T

Thence N. 83° 45' W. along fence.

9.60 Head of barranca, 6 ft. deep, 30 lks. wide, course N.

10.75 Set an iron post 1 in. dia. for cor. #9,
stamped on cap

R M 9 in N.

T 15 S R 13 E S 27 1915 in S.

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

Resurvey of the Rancho de Martinez.

~~in T. 15 S., R. 13 E.~~

Chairs

- 1.78
Thence S. $80^{\circ} 15'$ W. on a true line along fence.
Set an iron post 1 in. dia., for cor. # 10,
stamped on cap
R M 10 in N.
T 15 S R 13 E S 27 1915 in S.
Dig pits 18 x 18 x 12 ins. on line 3 ft. dist., and
raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, N.
of cor.
-
- 3.76
Thence S. $74^{\circ} 15'$ W. on a true line along fence.
Set an iron post 1 in. dia. for the cor. # 11,
stamped on cap
R M 11 in N.
T 15 S R 13 E S 27 in SE.
1915 in S.
From which a
Cottonwood 36 in. dia., brs. S. 79° E., 35 lks. dist.,
mkd. COR 11 R M B T
Cottonwood 18 in. dia., brs. S. $63\frac{1}{4}^{\circ}$ W., 102 lks. dist.,
mkd. COR 11 R M B T
-
- 5.57
Thence S. $67^{\circ} 15'$ W. on a true line along fence
Set an iron post 1 in. dia., for cor. # 12,
stamped on cap
R M 12 in N.
T 15 S R 13 E S 27 1915 in S.
From which a
Mesquite 10 ins. dia., brs. S. $15\frac{1}{4}^{\circ}$ W., 11 lks. dist.,
mkd. COR 12 R M B T
Cottonwood 36 ins. dia., brs. S. 57° W., 39 lks. dist.,
mkd. COR 12 R M B T.
-
- 4.20
Thence S. $68^{\circ} 40'$ W. on a true line along fence
Cor. fences, brs. E. and S.
- 4.30
Ditch, 5 lks. wide, course N.
- 5.10
Road, brs. N. 60° E. & S. 60° W.

Resurvey of the Rancho de Martinez.
in T. 15 S., R. 13 E.

Chains

8.20 Thence along hedge, brs. S. $68^{\circ} 40'$ W. from N. 60° E.

10.36 Set an iron post 1 in. dia. for cor. #13 (in S. bank of ditch) stamped on cap

R M 13 in N.

T 15 S R 13 E S 27 1915 in S.

Pits and mound impracticable.

Thence N. $86^{\circ} 30'$ W. on a true line along hedge, on S. bank of ditch.

5.90 Ditch, 10 lks. wide, course N.

11.21 Set an iron post 1 in. dia. for cor. #14, stamped in cap

T 15 S R 13 E in W.

R M 14 in E.

S 27 1915 in S.

From which a

Cottonwood 48 ins. dia., brs. S. 86° E. 74 lks. dist., mkd. COR 14 R M B T

Thence N. $5^{\circ} 15'$ W. on a true line along fence.

4.50 House, 40 lks. E.

6.10 House, 20 lks. E.

8.20 House, 30 lks. E.

16.20 To cor. #1 and place of beginning.

GENERAL DESCRIPTION.

This claim lies in the fertile bottom of the Santa Cruz River. It is mostly all first class agricultural land, of soil 1st rate.

Barramas are cutting back into it which will greatly depreciate its value unless stopped, and if not checked will eat away the best part of the claim. Only about $\frac{1}{3}$ of it is under cultivation at the present time.

The buildings are used as Agency Headquarters for the employees of the Indian Reservation.

There is no timber on the claim.

It is fenced on the west side and only partly fenced on the N. and S. sides.

Chas. M. Leedy,
U.S. Surveyor.

February 13, 1915.

T. 15 S., R. 13 E.

G E N E R A L D E S C R I P T I O N .

This fractional township contains three general varieties of land, level bottom, nearly level mesa, and mountainous land.

"Black Mountain" covers the western third of the township and the soil is rocky, 4th rate. "Berger Butte" lies in the $S\frac{1}{2}$ of sec. 23, and is of same character.

The Santa Cruz River flows northerly through secs. 22, 23, 26, 35 and 36, and from one-half to one mile on each side is level bottom land; soil 1st rate. The river in this township is from 2.20 to 4.80 chs. wide. The banks at present are well defined - cut banks from 12 to 20 feet high. About a mile south of the Standard Parallel in T. 16 S., R. 13 E. the stream disappears entirely, the flow being underground. The remainder of the fractional township is nearly level mesa land. It is practically covered with scattered mesquite and some palo verde timber, mesquite brush, greasewood, and numerous species of cacti.

Road from Tucson to Nogales enters in sec. 9, running through sec. 16, and dividing in sec. 21, the western branch being known as the hill road, and the other, the valley road. There are numerous cross roads from one part of the valley land to another.

The old San Xavier Mission is located in the $NE\frac{1}{4}$ of the $SW\frac{1}{4}$ of sec. 22.

The Berger Ranch (or Rancho de Martinez) lies in the $NE\frac{1}{4}$ of sec. 27, and $SE\frac{1}{4}$ of sec. 22, and is occupied as Agency headquarters for the employees of the Indian Service. The main village of the Papagos on this reservation is located near San Xavier Mission. There is a smaller village near the center $\frac{1}{4}$ sec. cor. of sec. 23.

T. 15 S., R. 13 E.

There are numerous scattered Indian houses along the road to Tucson in secs. 9, 16, and 21.

There are about 1500 acres under cultivation producing abundant crops. Probably 1500 acres more would be equally as productive if sufficient water for irrigation was available.

The fractional township as a whole is very well improved.

Charles M. Leedy

U. S. Surveyor.

Denver, Colorado, June 27-1916

I hereby certify that the resurvey of subdivision lines in T. 15 S., R. 13 E., within the Papago 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. 6, 1914, and the Manual of Surveying Instructions, and that these field notes are a correct representation thereof.

A. F. Dunnington

Topographer in Charge of
Indian Surveys.

259
E.C.C. 1112
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 final oath of U. S. Surveyor, see Book "A"
(3rd Standard Parallel N., through Rgs. 11, 12, and 13 E.)**

_____ 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 _____ }



W.G.H.

APPROVAL.

**OFFICE OF THE COMMISSIONER OF THE GENERAL LAND OFFICE
~~OFFICE OF THE UNITED STATES SURVEYOR GENERAL~~**

Washington, D.C., *May 5*, 1921, 191 _____

The foregoing field notes of the ^{re} survey of _____ subdivision lines in T. 15 S.,
R. 13 E., within the Papago Indian Reservation, Arizona,

executed by **Charles M. Leedy, U.S. Surveyor**, under direction of **A. F. Dunnington, Topographer in Charge of Indian Surveys** under his special instructions dated **Oct. 6,** 191 **4**, having been critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved.

(Signed) *William Spry*
Commissioner of the General Land Office

I certify that the foregoing transcript of the field notes of the above-described surveys in **T. 15 S., R. 13 E., Arizona,** _____, has been correctly copied from the original notes on file in this office.

William Spry
**U.S. Surveyor General
Commissioner of the General Land Office**