

3425

Book "H"

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Duplicate

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BOOK 3425

# FIELD NOTES

OF THE ~~RESURVEY~~ THE

RESURVEY OF

Subdivision lines

in

TOWNSHIP 16 SOUTH RANGE 13 EAST

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,

issued by the Commissioner of the General Land Office to A. F. Dunnington, Topographer in Charge of Indian Surveys.

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

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

Congress dated \_\_\_\_\_, 191-

Survey commenced April 26, 1915

Survey completed May 21, 1915

1A

BOOK 3425

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

Chains

Survey commenced April 26, 1915, and executed with a Young and Sons Light Mountain Transit No. 8501, with solar attachment.

The iron posts used in this survey are the regular General Land Office iron posts, 3 ft. long, set 26 ins. in the ground, filled with cement and fitted with brass caps. The posts at section corners on the south bdy. of the Papago Indian Reservation are 3 ins. dia., and those at section corners within the township are 2 ins. dia. The posts at all other corners are 1 inch in dia.

Instrument was adjusted and tested on meridian at camp near  $\frac{1}{4}$ -sec. cor. bet. secs. 22 and 27, T. 15 S., R. 13 E., <sup>described</sup> in book of "Subdivision of T. 15 S., R. 13 E."

April 26, 1915.

At 8h. 0m., a.m., l.m.t., I set off  $32^{\circ} 05'$  on the lat. arc, and  $13^{\circ} 18\frac{1}{2}'$  N. on the decl. arc, and determine a meridian with the solar at the re-established C. C. bet. secs. 1 and 2, on north boundary of Township, previously described.

Thence I run

South, retracing line bet. secs. 1 and 2.

49.48 Set temp  $\frac{1}{4}$ -sec. cor. No signs of old cor.

89.03 Fall 50 lks. East of old cor. of secs. 1, 2, 11 and 12.

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

South, retracing line bet. secs. 11 and 12.

40.00 Set temp.  $\frac{1}{4}$ -sec. cor. No signs of old cor.

80.18 Fall 14 lks. East of old cor. of secs. 11, 12, 13 and 14.

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From old cor. of secs. 11, 12, 13 and 14, I run

South, retracing line bet. secs. 13 and 14.

40.00 Fall 5 lks. W. of old  $\frac{1}{4}$ -sec. cor. bet. secs. 13 and 14.

April 26, 1915. At this cor. I set off  $13^{\circ} 21'$  N. on the decl. arc, and at apparent noon, observe the sun on the meridian. The resulting lat. is  $32^{\circ} 03'$ , which is the proper lat.

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From old  $\frac{1}{4}$ -sec. cor. bet. secs. 13 and 14,

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

Chains	
40.00	Continue South, retracing line bet. secs. 13 and 14. Set temp. cor. of secs. 13, 14, 23 and 24. No signs of old cor. -----
40.00	Continue South, retracing line bet. secs. 23 and 24. Fall 20 lks. East of point for $\frac{1}{4}$ -sec. cor. bet. secs. 23 and 24, as established from old Bearing Trees. Note: The temp. cor. of secs. 13, 14, 23 and 24, is adjusted to its proper position on meridional line. -----
40.00	From re-established point for $\frac{1}{4}$ -sec. cor. bet. secs. 23 and 24, Continue South, retracing line bet. secs. 23 and 24. Set temp. cor. of secs. 23, 24, 25 and 26. No signs of old cor. -----
40.00	Continue South, retracing line bet. secs. 25 and 26. Set temp. $\frac{1}{4}$ -sec. cor. No signs of old cor.
80.90	Fall 46 $\frac{1}{2}$ lks. W. of old cor. of secs. 25, 26, 35 and 36. Note; the temp. corners are adjusted to their proper <sup>tional</sup> positions on meridional line. April 26, 1915. -----
48.90	April 27, 1915. At 8h. Om., a.m., l.m.t., I set off 32° 05' on the lat. arc, and 13° 38' N. on the decl. arc, and determine a meridian with the solar at true point for re-established C. C. bet. secs. 2 and 3, (in wash). Thence South, retracing line bet. secs. 2 and 3. Set temp. $\frac{1}{4}$ -sec. cor. No signs of old cor.
88.90	Set temp. cor. of secs. 2, 3, 10 and 11. No signs of old cor. -----
40.00	Continue South, retracing line bet. secs. 10 and 11. Set temp. $\frac{1}{4}$ -sec. cor. No signs of old cor.
80.00	Set temp. cor. of secs. 10, 11, 14 and 15. No signs of old cor. -----
40.00	Continue South, retracing line bet. secs. 14 and 15. Set temp. $\frac{1}{4}$ -sec. cor. No signs of old cor.

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

Chains

80.00 Set temp. cor. of secs. 14, 15, 22 and 23. No signs of old cor.

April 27, 1915. At this cor. I set off 13° 40½° N. on the decl. arc, and at apparent noon, observe the sun on the meridian. The resulting lat. is 32° 02½', which is the proper lat.

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Continue South retracing line bet. secs. 22 and 23.

40.00 Set temp. ¼-sec. cor. No signs of old cor.

80.41 Fall 70 lks. East of old cor. of secs. 22, 23, 26 and 27.

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

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From old cor. of secs. 22, 23, 26 and 27,

South, retracing line bet. secs. 26 and 27.

40.04 Fall 23 lks. W. of point for ¼-sec. cor. bet. secs. 26 and 27, as established from old B. T'S.

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From point established for ¼-sec. cor. bet. secs. 26 and 27, I run

South, retracing line bet. secs. 26 and 27, S ¼

40.00 Set temp. cor. of secs. 26, 27, 34 and 35. No signs of old cor.

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Continue south, retracing line bet. secs. 34 and 35.

40.00 Set temp. ¼-sec. cor. No signs of old cor.

81.14 Fall 72½ lks. East of the re-established temp. cor. of secs. 34, 35, 2 and 3, on south boundary of Township, previously described.

April 27, 1915.

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April 28, 1915. At 8h. 0m., a.m., l.m.t., I set off 32° 05' on the lat. arc, and 13° 57' N. on the decl. arc, and determine a meridian with the solar at the re-established C. C. bet. secs. 3 and 4, on north boundary of the Township, previously described.

Thence South, retracing line bet. secs. 3 and 4.

49.56 Set temp. ¼-sec. cor. No signs of old cor.

89.56 Set temp. cor. of secs. 3, 4, 9 and 10. No signs of old cor..

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Continue South, retracing line bet. secs. 9 and 10.

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

Chains

40.00 Set temp. 1/4-sec. cor. No signs of old cor.

80.00 Set temp. cor. of secs. 9, 10, 15 and 16. No signs of old cor.

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Continue South, retracing line bet. secs. 15 and 16.

42.73 Fall 37 lks.W. of point for 1/4-sec. cor. as established from old Bearing Trees.

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From point established for 1/4-sec. cor. bet. secs. 15 and 16, I run

South, retracing line bet. secs. 15 and 16.

39.33 Fall 1 lk. East of old cor. of secs. 15, 16, 21 and 22.

April 28, 1915. At this cor., I set off 13° 59 1/2° N. on the decl. arc, and at apparent noon, observe the sun on the meridian. The resulting lat. is 32° 02 1/2°, which is the proper lat.

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From old cor. of secs. 15, 16, 21 and 22, I run

South, retracing line bet. secs. 21 and 22.

40.00 Set temp. 1/4-sec. cor. No signs of old cor.

79.14 Fall 21 lks. West of point for cor. of secs. 21, 22, 27 and 28, as established from old B. Ts.

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From point for cor. of secs. 21, 22, 27 and 28, I run

South, retracing line bet. secs. 27 and 28.

40.85 Fall 87 lks. W. of old 1/4-sec. cor. bet. secs. 27 and 28.

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From old 1/4-sec. cor. bet. secs. 27 and 28, I run

South, retracing line bet. secs. 27 and 28.

40.00 Set temp. cor. of secs. 27, 28, 33 and 34. No signs of old cor.

-----

Continue South, retracing line bet. secs. 33 and 34.

40.00 Set temp. 1/4-sec. cor. No signs of old cor.

79.76 Fall 2.51 chs. East of temp. re-established cor. of secs. 3, 4, 33 and 34, on south boundary of Township, previously described.

Note: The temp. corners are adjusted to their proper positions on meridional line.

April 28, 1915.

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

Chains

April 29, 1915. At 8h. 0m., a.m., l.m.t., I set off 32° 5' on the lat. arc, and 14° 16' N. on the decl. arc; and determine a meridian with the solar at the reestablished C.C. of secs. 4 and 5, on N. bdy. of tp., previously described.

Thence I run

South retracing line bet. secs. 4 and 5.

49.72 Set temp. 1/4 sec. cor.  
No trace of old cor.

89.72 Set temp. cor. of secs. 4, 5, 8 and 9.  
No trace of old cor.

-----

Continue South, retracing bet. secs. 8 and 9.

40.00 Set temp. 1/4 sec. cor.  
No trace of old cor.

83.44 Falls 19 lks. E. of old cor. of secs. 8, 9, 16 and 17.

Note: The temp. cors. are adjusted to their proportional position on meridional lines.

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From the old cor. of secs. 8, 9, 16 and 17, I run

South, retracing line bet. secs. 16 and 17.

40.30 Falls 40 lks. E. of point for 1/4 sec. cor. as established from stump of old B.T.

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From reestablished point for 1/4 sec. cor. bet. secs. 16 and 17, I run

South, retracing line bet. secs. 16 and 17 (S 1/2).

38.31 Fall 109 lks. W. of the old cor. of secs. 16, 17, 20 and 21.

April 29, 1915. At this cor., I set off 14° 18 1/2' N. on the decl. arc, and at apparent noon observe the sun on the meridian; the resulting lat. is 32° 02 1/2', which is the proper lat.

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From the old cor. of secs. 16, 17, 20 and 21, I run

South, retracing line bet. secs. 20 and 21.

40.00 Set temp. 1/4 sec. cor.  
No trace of old cor.

79.36 Falls 30 lks. W. of the old cor. of secs. 20, 21, 28 and 29.

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From the old cor. of secs. 20, 21, 28 and 29, I run

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

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Chains

South, retracing line bet. secs. 28 and 29.

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

80.00 Set temp. cor. of secs. 28, 29, 32 and 33.  
No trace of old cor.

-----

Continue South, retracing line bet. secs. 32 and 33.

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

80.88 Falls 194 lks. E. of the temp. reestablished cor. of secs.  
4, 5, 32 and 33, on S. bdy. of Tp., previously des-  
cribed.

Note: The temp. cors. are adjusted to their proportion-  
al position on meridional line.

April 29, 1915.

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April 30, 1915. At 8h 0m a.m., l.m.t., I set off  $32^{\circ}05'$   
on the lat. arc,  $14^{\circ}34\frac{1}{2}'$  N. on the decl. arc, and  
determine a meridian with the solar, at the old C.C.  
of secs. 5 and 6, which is  $S.88^{\circ}45'W.$ , 1.20 chs.,  
and then South 1.84 chs. from reestablished S.C. of  
secs. 31 and 32, on 3rd Standard Parallel S., previ-  
ously described.

From the old C.C. of secs. 5 and 6, I run

South retracing line bet. secs. 5 and 6.

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

89.36 Falls 3 lks. E. of point for cor. of secs. 5, 6, 7 and 8,  
as established from stump of old B.T.

(Note: Proportional dist. for position of  $\frac{1}{4}$  sec. cor. bet.  
secs. 5 and 6 was computed from distance bet. old C.C.  
and point for reestablished cor. of secs. 5, 6, 7 and 8.

-----

From reestablished point for cor. of secs. 5, 6, 7 and 8,  
I run

South, retracing line bet. secs. 7 and 8.

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

79.25 Falls 1.64 chs. W. of old cor. of secs. 7, 8, 17 and 18.

-----

From the old cor. of secs. 7, 8, 17 and 18, I run

South, retracing line bet. secs. 17 and 18.

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

80.00 Set temp. cor. of secs. 17, 18, 19 and 20.  
No trace of old cor.



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

Chains

Continue South, retracing line bet. secs. 19 and 20.

39.70 Falls 73 lks. E. of old  $\frac{1}{4}$  sec. cor. bet. secs. 19 and 20.

Note: On account of ~~eliminating error~~ of 10.00 chs. <sup>error</sup> in range line on W. bdy. of Tp., I was instructed to reestablish any missing corners in this 5th tier of sections, within the Papago Indian Reservation, by putting them on line between old corners found, therefore the temp. corners were adjusted to their proportionate positions on meridional line.

April 30, 1915. At this cor., I set off 14° 37' N. on the decl. arc, and at apparent noon observe the sun on the meridian; the resulting lat. is 32° 02', which is within 1' of the proper lat.

-----  
From the old  $\frac{1}{4}$  sec. cor. bet. secs. 19 and 20, I run South, retracing line bet. secs. 19 and 20 ( $S\frac{1}{2}$ ).

40.00 Set temp. cor. of secs. 19, 20, 29 and 30.  
No trace of old cor.

-----  
Continue South, retracing line bet. secs. 29 and 30.

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

80.00 Set temp. cor. of secs. 29, 30, 31 and 32.  
No trace of old cor.

-----  
Continue South, retracing line bet. secs. 31 and 32.

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

80.70 Falls 41 lks. E. of temp. reestablished cor. of secs. 5, 8, 31 and 32, on S. bdy. of Tp.

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

April 30, 1915.

-----  
May 1, 1915. At 8h 0m a.m., l.m.t., I set off 32° 04' on the lat. arc, 14° 53' N. on the decl. arc, and determine a meridian with the solar at the cor. of secs. 1, 6, 7 and 12, on E. bdy. of Tp., previously described.

Thence I run

West, retracing line bet. secs. 1 and 12.

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

79.86 Falls 40 lks. S. of old cor. of secs. 1, 2, 11 and 12.

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

Chains

From the old cor. of secs. 1, 2, 11 and 12, I run West, retracing line bet. secs. 2 and 11.

40.11 Falls 11 lks. S. of point for  $\frac{1}{4}$  sec. cor. as established from old B.T.

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

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From reestablished point for  $\frac{1}{4}$  sec. cor. bet. secs. 2 and 11, I run

West, retracing line bet. secs. 2 and 11 ( $W\frac{1}{2}$ ).

39.94 Falls 9 lks. N. of adjusted temp. cor. of secs. 2, 3, 10 and 11.

-----

Continue West, retracing line bet. secs. 3 and 10.

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

79.76 Falls 204 chs. N. of adjusted temp. cor. of secs. 3, 4, 9 and 10.

May 1, 1915. At this temp. cor., I set off  $14^{\circ} 55\frac{1}{2}'$  N. on the decl. arc, and at apparent noon observe the sun on the meridian; the resulting lat. is  $32^{\circ} 04'$  which is the proper lat.

-----

Continue West, retracing line bet. secs. 4 and 9.

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

80.18 Falls 3.13 chs. N. of adjusted temp. cor. of secs. 4, 5, 8 and 9.

-----

Continue West, retracing line bet. secs. 5 and 8.

40.18 Falls 4.68 chs. N. of the old  $\frac{1}{4}$  sec. cor. bet. secs. 5 and 8.

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From the old  $\frac{1}{4}$  sec. cor. bet. secs. 5 and 8, I run West, retracing line bet. secs. 5 and 8 ( $W\frac{1}{2}$ ).

40.29 Falls 4 lks. S. of reestablished point for cor. of secs. 5, 6, 7 and 8.

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~~From reestablished point for cor. of secs. 5, 6, 7 and 8, I run~~

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

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

~~79.34 Falls 30 lks. N. of reestablished cor. of secs. 1, 6, 7~~

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

Chains

~~and 12, on W. bdy. of Tp., previously described.~~

~~May 1, 1915.~~

-----  
May 3, 1915. At 8h 0m a.m., l.m.t., I set off 32° 03½' on the lat. arc; and 15° 29' N. on the decl. arc, and determine a meridian with the solar at the cor. of secs. 7, 12, 13 and 18, on E. bdy. of Tp., previously described.

Thence I run

West, retracing line bet. secs. 12 and 13.

40.00 Set temp. ¼ sec. cor.  
No trace of old cor.

79.52 Falls 16 lks. N. of the cor. of secs. 11, 12, 13 and 14.

-----  
From the old cor. of secs. 11, 12, 13 and 14, I run

West, retracing line bet. secs. 11 and 14.

39.82 Falls 5 lks. N. of point for ¼ sec. cor. as established from old B.T.s.

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From reestablished point for ¼ sec. cor. bet. secs. 11 and 14, I run

West, retracing line bet. secs. 11 and 14 (W½).

40.23 Falls 7 lks. S. of adjusted temp. cor. of secs. 10, 11, 14 and 15.

-----  
Continue West, retracing line bet. secs. 10 and 15,

40.00 Set temp. ¼ sec. cor.  
No trace of old cor.

79.34 Falls 2.67 chs. N. of adjusted temp. cor. of secs. 9, 10, 15 and 16.

May 3, 1915. At this temp. cor., I set off 15° 32' N. on the decl. arc, and at apparent noon observe the sun on the meridian; the resulting lat. is 32° 03', which is within 1' of the proper lat.

-----  
Continue West, retracing line bet. secs. 9 and 16.

40.47 Falls 4.20 chs. N. of the old ¼ sec. cor. bet. secs. 9 and 16.

-----  
From the old ¼ sec. cor. bet. secs. 9 and 16, I run

West, retracing line bet. secs. 9 and 16 (W½).

40.04 Falls 11 lks. N. of old cor. of secs. 8, 9, 16 and 17.

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

Chains

From the old cor. of secs. 8, 9, 16 and 17, I run West, retracing line bet. secs. 8 and 17.

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

78.74 Falls 91 lks. S. of old cor. of secs. 7, 8, 17 and 18.

~~From the old cor. of secs. 7, 8, 17 and 18, I run West on a random line bet. secs. 7 and 18.~~

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

~~80.90 Falls 105 lks. N. of reestablished cor. of secs. 7, 12, 13 and 18, on W. bdy. of Tp., previously described.~~

May 3, 1915.

May 4, 1915. At 8h 0m a.m., l.m.t., I set off  $32^{\circ} 02\frac{1}{2}'$  on the lat. arc, and  $15^{\circ} 47' N.$  on the decl. arc, and determine a meridian with the solar at the reestablished cor. of secs. 13, 18, 19 and 24, on E. bdy. of Tp., previously described.

Thence I run

West retracing line bet. secs. 13 and 24.

39.43 Falls 16 lks. N. of the point for  $\frac{1}{4}$  sec. cor. bet. secs. 13 and 24, as established from old B.T.s.

From reestablished point for the  $\frac{1}{4}$  sec. cor. bet. secs. 13 and 24, I run

West, retracing line bet. secs. 13 and 24.

40.01 Falls 14 lks. S. of adjusted temp. cor. of secs. 13, 14, 23 and 24.

Continue West, retracing line bet. secs. 14 and 23.

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

80.14 Falls 9 lks. S. of adjusted temp. cor. of secs. 14, 15, 22 and 23.

Continue West, retracing line bet. secs. 15 and 22.

40.08 Falls 96 lks. N. of point for  $\frac{1}{4}$  sec. cor. bet. secs. 15 and 22, as established from old B.T.

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

Chains

From reestablished point for  $\frac{1}{4}$  sec. cor. bet. secs. 15 and 22, I run

West, retracing line bet. secs. 15 and 22.

39.07 Falls 130 lks. N. of old cor. of secs. 15, 16, 21 and 22.

May 4, 1915. At this cor., I set off  $15^{\circ} 49'$  N. on decl. arc, and at apparent noon observe the sun on the meridian; the resulting lat. is  $32^{\circ} 02\frac{1}{2}'$ , which is the proper lat.

-----

From the old cor. of secs. 15, 16, 21 and 22, I run

West, retracing line bet. secs. 16 and 21.

39.47 Falls 2 lks. S. of old  $\frac{1}{4}$  sec. cor. bet. secs. 16 and 21.

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From the old  $\frac{1}{4}$  sec. cor. bet. secs. 16 and 21, I run

West, retracing line bet. secs. 16 and 21 ( $W\frac{1}{2}$ ).

40.38 Falls 33 lks. N. of the old cor. of secs. 16, 17, 20 and 21.

-----

From the old cor. of secs. 16, 17, 20 and 21, I run

West, retracing line bet. secs. 17 and 20.

40.17 Falls 54 lks. N. of point for  $\frac{1}{4}$  sec. cor. bet. secs. 17 and 20, as established from old B.T.s.

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From reestablished point for  $\frac{1}{4}$  sec. cor. bet. secs. 17 and 20, I run

West, retracing line bet. secs. 17 and 20.

39.83 Falls 31 lks. S. of adjusted temp. cor. of secs. 17, 18, 19 and 20, which is the point for cor. of secs. 17, 18, 19 and 20, as established on line bet. old cors. found, at proportionate distance.

-----

~~From the reestablished point for the cor. of secs. 17, 18, 19 and 20, I run~~

~~West on a random line bet. secs. 18 and 19.~~

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

~~80.25 Falls 1.39 chs. N. of reestablished cor. of secs. 13, 18, 19 and 24, on W, bdy. of Tp., previously described.~~

~~May 4, 1915.~~

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

Chains	
	<p>May 5, 1915. At 8 a.m., l.m.t., I set off 32° 02' on the lat. arc, 16° 04' N. on the 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.</p> <p>Thence I run</p> <p>West, retracing line bet. secs. 24 and 25.</p>
39.32	<p>Falls 16 lks. N. of point for <math>\frac{1}{4}</math> sec. cor. as established from old B.T.s.</p> <p>-----</p> <p>From reestablished point for <math>\frac{1}{4}</math> sec. cor. bet. secs. 24 and 25, I run</p> <p>West, retracing line bet. secs. 24 and 25 (<math>W\frac{1}{2}</math>).</p>
39.96	<p>Falls 6 lks. N. of adjusted temp. cor. of secs. 23, 24, 25 and 26.</p> <p>-----</p> <p>Continue West, retracing line bet. secs. 23 and 26.</p>
40.16	<p>Falls 10 lks. S. of old <math>\frac{1}{4}</math> sec. cor. bet. secs. 23 and 26.</p> <p>-----</p> <p>From old <math>\frac{1}{4}</math> sec. cor. bet. secs. 23 and 26, I run</p> <p>West, retracing line bet. secs. 23 and 26.</p>
40.04	<p>Intersect reestablished point for cor. of secs. 22, 23, 26 and 27.</p> <p>-----</p> <p>From reestablished point for cor. of secs. 22, 23, 26 and 27. I run</p> <p>W. retracing line bet. secs. 22 and 27.</p>
40.00	<p>Set temp. <math>\frac{1}{4}</math> sec. cor. No trace of old cor. is found.</p>
78.94	<p>Fall 1.61 chs. N. of reestablished point for cor. of secs. 21, 22, 27 and 28.</p> <p>-----</p> <p>May 5, 1915. At this cor. I setoff 16° 7' N. on decl. arc, and at apparent noon observe the sun on the meridian; the resulting lat. is 32° 2' which is the proper lat.</p> <p>-----</p> <p>From reestablished point for cor. of secs. 21, 22, 27 and 28.</p> <p>W. retracing line bet. secs. 21 and 28.</p>
40.00	<p>Set temp. <math>\frac{1}{4}</math> sec. cor. No trace of old cor. is found.</p>
79.89	<p>Fall 56 lks. N. of old cor. of secs. 20, 21, 28 and 29.</p> <p>-----</p>

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

Chains	
	From old cor. of secs. 20, 21, 28 and 29.
	W. retracing line bet. secs. 20 and 29.
40.00	Set temp. $\frac{1}{4}$ sec. cor. No trace of old cor. is found.
80.68	Fall 82 lks. N. of adjusted temp. cor. of secs. 19, 20, 29 and 30, which is the point for the cor. of secs. 19, 20, 29 and 30, as established on line at proportionate distance, bet. old cors. found.
-----	
	<del>From reestablished point for cor. of secs. 19, 20, 29 and 30.</del>
	<del>W. on a random line bet. secs. 19 and 30.</del>
<del>40.00</del>	<del>Set temp. <math>\frac{1}{4}</math> sec. cor.</del>
<del>79.59</del>	<del>Fall 1.37 chs. N. of <sup>the true point for</sup> reestablished cor. of secs. 19, 24, 25 and 30, on W. bdy. of tp., previously described.</del>
	<del>May 5, 1915</del>
-----	
	May 6, 1915. At 8 <sup>h</sup> 0 <sup>m</sup> a.m., l.m.t., I set off 32° 1' on lat. arc, and 16° 21' N. on decl. arc, and determine a meridian with the solar at reestablished cor. of secs. 25, 30, 31 and 36, on E. bdy. of tp., previously described
	Thence I run
	W. retracing line bet. secs. 25 and 36.
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.
79.06	Fall 46 lks. N. of old cor. of secs. 25, 26, 35 and 36.
-----	
	From old cor. of secs. 25, 26, 35 and 36.
	W. retracing line bet. secs. 26 and 35.
20.00	Set temp. E. 1/16 sec. cor. No trace of old cor. is found.
40.60	Fall 51 lks. S. of old $\frac{1}{4}$ sec. cor. bet. secs. 26 and 35.
-----	
	From old $\frac{1}{4}$ sec. cor. bet. secs. 26 and 35.
	W. retracing line bet. secs. 26 and 35.
20.00	Set temp. W. 1/16 sec. cor. No trace of old cor. is found.
40.04	Fall 17 lks. N. of adjusted temp. cor. of secs. 26, 27, 34 and 35.
-----	

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

Chains	
	Continue W. retracing line bet. secs. 27 and 34.
20.00	Set temp. E. 1/16 sec. cor. No trace of old cor. is found.
40.00	Set temp. 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.
78.97	Fall 2.03 chs. N. of adjusted temp. cor. of secs. 27, 28, 33 and 34.
	<p>May 6, 1915. At this temp. cor. I set off 16° 24' N. on decl. arc, and at apparent noon observe the sun on the meridian; the resulting lat. is 32° 1' which is the proper lat.</p> <p>-----</p>
	Continue W. retracing line bet. secs. 28 and 33.
20.00	Set temp. E. 1/16 sec. cor. No trace of old cor. is found.
40.00	Set temp. 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.
80.86	Fall 2.19 chs. N. of adjusted temp. cor. of secs. 28, 29, 32 and 33.
	-----
	Continue W. retracing line bet. secs. 29 and 32.
20.00	Set temp. E. 1/16 sec. cor. No trace of old cor. is found.
40.00	Set temp. 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.
80.45	Fall 3.00 chs. N. of adjusted temp. cor. of secs. 29, 30, 31 and 32.
	-----



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

Chains

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

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

40.00 Set temp. 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.

78.52 Fall 4.17 chs. N. of reestablished cor. of secs. 25, 30, 31 and 36, on W. bdy. of tp., previously described.

May 6, 1915.

-----  
May 7, 1915. At 8<sup>h</sup> 0<sup>m</sup> a.m., l.m.t., I set off 32° 1' on lat. arc, and 16° 38' N. on decl. arc, and determine a meridian with the solar at the cor. of secs. 25, 30, 31 and 36, on W. bdy. of tp., previously described.

Thence I run

N. 89° 9' E. on a true line bet. secs. 30 and 31, along S. bdy. of Papage Indian Reservation.

Descend gradually over rolling land sloping towards NE., through scattered mesquite, palo verde and cactus.

19.01 The proportionate point for W. 1/16 sec. cor. bet. secs. 30 and 31.

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

W 1/16 in W.  
S 30 P I R in N.  
S 31 1915 in S.

From which a

Mesquite 5 ins. dia., brs. N. 80 1/4° E., 56 lks. dist., mkd. W 1/16 S 30 B T.

Mesquite 4 ins. dia., brs. S. 51 1/2° W., 115 lks. dist.; mkd. W 1/16 S 31 B T.

39.02 The proportionate point for 1/4 sec. cor. bet. secs. 30 and 31.

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

1/4 in W.  
S 30 P I R in N.  
S 31 1915 in S.

From which a

Palo verde 6 ins. dia., brs. N. 4 1/2° E., 53 lks. dist.; mkd. 1/4 S 30 B T.

Mesquite 5 ins. dia., brs. S. 15 1/4° W., 93 lks. dist., mkd. 1/4 S 31 B T.

59.02 The proportionate point for the E. 1/16 sec. cor. bet. secs. 30 and 31.

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

Chains

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

E 1/16 in W.  
P I R S 30 in N.  
S 31 1915 in S.

From which a

Mesquite 8 ins. dia., brs. N. 54° 45' E., 116 lks. dist.;  
mkd. E 1/16 S 30 B T.

Mesquite 5 ins. dia., brs. S. 67° E., 93 lks. dist.,  
mkd. E 1/16 S 31 B T.

63.80 Wash, 30 lks. wide, course NE.

66.40 Wash, 15 lks. wide, course NE.

79.03 The proportional point for the cor. of secs. 29, 30,  
31 and 32.

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

P I R in N.  
T 16 S S 30 in NW.  
R 13 E S 29 in NE.  
S 32 in SE.  
S 31 in SW.  
1915 in S.

From which a

Palo verde 6 ins. dia., brs. N. 14° 45' E., 44 lks. dist.,  
mkd. T 16 S R 13 E S 29 P I R B T.

Palo verde 4 ins. dia., brs. S. 61° E., 66 lks. dist.,  
mkd. T 16 S R 13 E S 32 P I R B T.

Palo verde 5 ins. dia., brs. S. 82° 45' W., 154 lks. dist.,  
mkd. T 16 S R 13 E S 31 P I R B T.

Palo verde 8 ins. dia., brs. N. 22½° W., 53 lks. dist.,  
mkd T 16 S R 13 E S 30 P I R B T.

Land, rolling.  
Soil, 3rd rate.  
Timber, scattered mesquite and palo verde and cactus.  
Mesquite and palo verde brush and cactus, 79.03 chs.

Thence N. 89° 25' E. on a true line bet. secs. 29 and  
32, along S. bdy. of Papago Indian Reservation.

Desc. over rolling land, sloping gradually towards NE.,  
through scattered mesquite, palo verde and cactus.

13.00 Wash, 30 lks. wide, course NE.

20.00 The proportional point for W. 1/16 sec. cor. bet. secs.  
29 and 32.

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

W 1/16 in W.  
P I R S 29 in N.  
S 32 1915 in S.

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

Chains

From which a

Palo verde 8 ins. dia., brs. N. 46° E., 44 lks. dist.,  
mkd. W 1/16 S 29 P I R B T.

Mesquite 5 ins. dia., brs. S. 23½° E., 38 lks. dist.;  
mkd. W 1/16 S 32 P I R B T.

37.00 Wash, 20 lks. wide, course NE.

40.01 The proportional point for ¼ sec. cor. bet. secs.  
29 and 32.

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

¼ in W.  
P I R S 29 in N.  
S 32 1915 in S.

From which a

Palo verde 6 ins. dia., brs. S. 89° 45' E., 14 lks. dist.,  
mkd. ¼ S 32 P I R B T.

Palo verde 4 ins. dia., brs. S. 17½° W., 117 lks. dist.,  
mkd. ¼ S 32 P I R B T.

May 7, 1915. At this cor. I set off 16° 40½' N. on  
decl. arc, and at apparent noon, observe the sun on  
the meridian; the resulting lat. is 32° 1' which is  
the proper lat.

48.40 Wash, 1.00 ch. wide, course N. 60° E.

60.01 The proportional point for the E. 1/16 sec. cor. bet.  
secs. 29 and 32.

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

E 1/16 in W.  
P I R S 29 in N.  
S 32 1915 in S.

From which a

Palo verde 6 ins. dia., brs. N. 56½° E., 37 lks. dist.,  
mkd. E 1/16 S 29 P I R B T.

Mesquite 4 ins. dia., brs. S. 81½° W., 44 lks. dist.,  
mkd. E 1/16 S 32 P I R B T.

60.60 Wash, 20 lks. wide, course NE.

79.90 Dim road, brs. NE. & SW.

80.02 The proportional point for the cor. of secs. 28, 29,  
32 and 33.

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

P I R in N.  
T 16 S S 29 in NW.  
R 13 E S 28 in NE.  
S 33 in SE.  
S 32 in SW.  
1915 in S.

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

Chains

From which a

Mesquite 8 ins. dia., brs. N.  $8^{\circ} 45'$  E., 105 lks. dist.,  
mkd. T 16 S R 13 E S 28 P I.R B T.

Mesquite 5 ins. dia., brs. S.  $44^{\circ} 45'$  E., 105 lks. dist.,  
mkd. T 16 S R 13 E S 33 P I.R B T.

Palo verde 6 ins. dia., brs. S.  $19^{\circ} 45'$  W., 25 lks. dist.,  
mkd. T 16 S R 13 E S 32 P I.R B T.

Palo verde 5 ins. dia., brs. N.  $85\frac{1}{2}^{\circ}$  W., 61 lks. dist.,  
mkd. T 16 S R 13 E S 29 P I.R B T.

Land, rolling.

Soil, 3rd rate.

Timber, scattered mesquite and palo verde, 80.02 chs.;

Brush, mesquite, palo verde and cactus, 80.02 chs.

Thence N.  $89^{\circ} 53'$  E. on a true line bet. secs. 28 and  
33, along S. bdy. of Papago Indian Reservation.

Desc. gradually over rolling land, sloping gradually  
towards NE., through scattered mesquite, palo verde  
and cactus.

2.10 Wash, 50 lks. wide, course NE.

11.60 Wash, 60 lks. wide, course NE.

20.00 The proportional point for W.  $1/16$  sec. cor. bet.  
secs. 28 and 33.

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

W  $1/16$  in W.  
P I R S 28 in N.  
S 33 1915 in S.

From which a

Mesquite 10 ins. dia., brs. S.  $10\frac{1}{2}^{\circ}$  W., 90 lks. dist.,  
mkd. W  $1/16$  S 33 P I.R B T.

Mesquite 10 ins. dia., brs. N.  $88^{\circ} 45'$  W., 31 lks. dist.,  
mkd. W  $1/16$  S 28 P I.R B T.

29.30 Wash, 30 lks. wide, course NE.

40.01 The proportional point for  $\frac{1}{4}$  sec. cor. bet. secs.  
28 and 33.

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

$\frac{1}{4}$  in W.  
P I R S 28 in N.  
S 33 1915 in S.

From which a

Mesquite 12 ins. dia., brs. S.  $32\frac{1}{2}^{\circ}$  W., 26 lks. dist.,  
mkd.  $\frac{1}{4}$  S 33 P I.R B T.

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

Chains	
	Mesquite 10 ins. dia., brs. N. 12° 45' W., 142 lks. dist., mkd. $\frac{1}{4}$ S 28 P I R B T.
54.20	Wash, 30 lks. wide, course NE.
60.01	The proportional point for the E. 1/16 sec. cor. bet. secs. 28 and 33.  Set an iron post 1 in. dia., stamped on cap  E 1/16 in W. P I R S 28 in N. S 33 1915 in S.  From which a  Mesquite 5 ins. dia., brs. N. 70½° E., 33 lks. dist., mkd. E 1/16 S 28 P I R B T.  Mesquite 8 ins. dia., brs. S. 31½° E., 58 lks. dist., mkd. E 1/16 S 33 P I R B T.
66.80	Road, brs. N. & S.
80.02	The proportional point for the cor. of secs. 27, 28, 33 and 34.  Set an iron post 3 ins. dia., stamped on cap P I R in N. T 16 S S 28 in NW. R 13 E S 27 in NE. S 34 in SE. S 33 in SW. 1915 in S.  From which a  Palo verde 5 ins. dia., brs. N. 86° E., 17 lks. dist., mkd. T 16 S R 13 E S 27 P I R B T.  Mesquite 6 ins. dia., brs. S. 57° 45' E., 85 lks. dist., mkd. T 16 S R 13 E S 34 P I R B T.  Mesquite 6 ins. dia., brs. S. 51½° W., 110 lks. dist., mkd. T.16 S R 13 E S 33 P I R B T.  Mesquite 12 ins. dia., brs. N. 80° W., 35 lks. dist., mkd. T 16 S R 13 E S 28 P I R B T.  Land, rolling. Soil, 3rd rate. Timber, scattered mesquite and palo verde, 80.02 chs. Mesquite and palo verde brush and cactus, 80.02 chs.  May 7, 1915.

May 8, 1915. At 8<sup>h</sup> a.m., l.m.t., I set off 32° 1' on  
lat. arc, and 16° 54½' N. on decl. arc, and determine  
a meridian with the solar at the reestablished cor.  
of secs. 27, 28, 33 and 34, on S. bdy. of Papago  
Indian Reservation.  
  
Thence I run

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

Chains

N. 88° 40' E. on a true line bet. secs. 27 and 34,  
along S. bdy. of Papago Indian Reservation.

Desc. gradually over rolling land sloping towards  
NE., through scattered mesquite, palo verde and  
cactus.

20.01 The proportional point for W. 1/16 sec. cor. bet.  
secs. 27 and 34.

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

W 1/16 in W.  
P I R S 27 in N.  
S 34 1915 in S.

From which a

Mesquite 8 ins. dia., brs. N. 1° 45' E., 11 lks. dist.,  
mkd. W 1/16 S 27 P I R B T.

Mesquite 10 ins. dia., brs. S. 57° 45' E., 99 lks. dist.,  
mkd. W 1/16 S 34 P I R B T.

21.70 Wash, 40 lks. wide, course NE.

40.03 The proportional dist. for 1/4 sec. cor. bet. secs. 27 and  
34.

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

1/4 in W.  
P I R S 27 in N.  
S 34 1915 in S.

From which a

Mesquite 6 ins. dia., brs. S. 87 1/4° W., 64 lks. dist.,  
mkd. 1/4 S 34 P I R B T.

Mesquite 5 ins. dia., brs. N. 28° 45' W., 100 lks. dist.,  
mkd. 1/4 S 27 P I R B T.

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

60.04 The proportional point for E. 1/16 sec. cor. bet. secs.  
27 and 34.

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

E 1/16 in W.  
P I R S 27 in N.  
S 34 1915 in S.

From which a

Mesquite 10 ins. dia., brs. N. 10 1/2° E., 52 lks. dist.,  
mkd. E 1/16 S 27 P I R B T.

Mesquite 8 ins. dia., brs. S. 16° 45' W., 120 lks. dist.,  
mkd. E 1/16 S 34 P I R B T.

79.10 Wash, 20 lks. wide, course N. 75° E.

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

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

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

Chains

P I R in N.  
T 16 S B 27 in NW.  
R 13 E S 26 in NE.  
S 35 in SE.  
S 34 in SW.  
1915 in S.

No suitable B. T.s available.

Dig pits 18 x 18 x 12 ins. in each sec. 5 1/2 ft. dist.;  
and raise a mound of earth 4 ft. base, 2 ft. high,  
W. of cor.

Land, rolling.

Soil, 3rd rate.

Timber, scattered mesquite and palo verde, 80.06 chs.

Brush, mesquite and palo verde and cactus, 80.06 chs.

Thence N. 89° 45' E. on a true line bet. secs. 26 and 35,  
along S. bdy. of Papago Indian Reservation.

Desc. over gently rolling land, through scattered  
mesquite, palo verde and cactus.

10.30 Road, brs. N. 75° W. and S. 75° E.

17.70 Wash, 20 lks. wide, course N. 75° E.

20.01 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.  
P I R S 26 in N.  
S 35 1915 in S.

From which a

Mesquite 4 ins. dia., brs. S. 38 1/4° W., 47 lks. dist.,  
mkd. W 1/16 S 35 P I R B T.

Mesquite 4 ins. dia., brs. N. 24 1/4° W., 46 lks. dist.,  
mkd. W 1/16 S 26 P I R B T.

38.60 Road, brs. N. 75° E. and S. 75° W.

39.73 The old 1/4 sec. cor. bet. secs. 26 and 35, which is a  
post 3 ins. square, well set and plainly mkd.  
"1/4 S P R" on N.

N. and alongside set an iron post 1 in. dia., stamped  
on cap

1/4 in W.  
P I R S 26 in N.  
S 35 1915 in S.

From which a

Mesquite 6 ins. dia., brs. N. 46 1/4° W., 89 lks. dist.,  
mkd. 1/4 S 26 P I R B T.

No other B. T. available.

Resurvey of Subdivision lines in 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 1/2 ft. base, 1 1/2 ft. high,  
N. of cor.

Land, gently rolling.

Soil, 3rd rate.

Timber, scattered mesquite and palo verde, 39.73 chs.

Mesquite and palo verde brush and cactus, 39.73 chs.

May 8, 1915. At this cor. I set off 16° 56 1/2' N. on  
decl. arc, and at apparent noon observe the sun on  
the meridian; the resulting lat. is 32° 1' which  
is the proper lat.

Thence S. 89° 17' E. on a true line bet. secs. 26  
and 35, E. 1/4 along S. bdy. of Papago Indian Reserva-  
tion.

Over gently rolling land, through scattered mesquite,  
palo verde and cactus.

14.70 Wash, 40 lks. wide, course N. 75° E.

20.44 The proportional point for 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.  
P I R S 26 in N.  
S 35 1915 in S.

From which a

Mesquite 5 ins. dia., brs. N. 73 1/2° E., 64 lks. dist.,  
mkd. E 1/16 S 26 P I R B T.

Mesquite 6 ins. dia., brs. N. 51 1/2° W., 31 lks. dist.,  
mkd. E. 1/16 S 26 P I R B T.

25.80 Wash, 60 lks. wide, course N. 75° E.

39.00 NW. cor. of corral.

40.60 The old cor. of secs. 25, 26, 35 and 36 (at NE. cor. of  
corral) which is a mesquite post 4 ins. square, well  
set and plainly mkd.-

TXVIS XXV P R on NE.  
RXIIIE XXVI on SE.  
XXXV on SW.  
XXVI on NW.

N. and alongside set an iron post 3 ins. dia., stamped  
on cap

P I R in N.  
T 16 S S 26 in NW.  
R 13 E S 25 in NE.  
S 36 in SE.  
S 35 in SW.  
1915 in S.

To further perpetuate this cor. I take a

Mesquite 8 ins. dia., brs. N. 65° E., 173 lks. dist.,  
mkd. T 16 S R 13 E S 25 P I R B T.



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

Chains

(Stamp of old B. T.)

Mesquite 14 ins. dia., brs. N. 82° E., 215 lks. dist., but has been chopped off so close to the ground that no trace of old blaze was found.

No other B. T.s available, and Pits and mound impracticable.

Land, gently rolling.

Spil, 2nd rate.

Timber, scattered mesquite and palo verde, 40.60 chs.

Mesquite and palo verde brush and cactus, 40.60 chs.

Thence N. 89° 40' E. on a true line bet. secs. 25 and 36.

Desc. gradually over rolling land, through scattered mesquite, palo verde and cactus.

.30 Road, brs. N. & S.

19.76 The proportional point for 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.  
P I R S 25 in N.  
S 36 1915 in S.

From which a

Mesquite 5 ins. dia., brs. N. 52° 45' E., 93 lks. dist., mkd. W 1/16 S 25 P I R B T.

Mesquite 8 ins. dia., brs. S. 66½° W., 127 lks. dist., mkd. W 1/16 S 36 P I R B T.

39.30 Road, Tucson to Nogales, brs. N. & S.

39.53 The proportional point for ¼ sec. cor. bet. secs. 25 and 36.

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

¼ in W.  
P I R S 25 in N.  
S 36 1915 in S.

From which a

Mesquite 6 ins. dia., brs. S. 60° E., 47 lks. dist., mkd. ¼ S 36 P I R B T.

Mesquite 6 ins. dia., brs. S. 56½° W., 108 lks. dist., mkd. ¼ S 36 P I R B T.

59.29 The proportional point for E. 1/16 sec. cor. bet. secs. 25 and 36.

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

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

Chains

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

T 16 S S 23 in NW.  
R 13 E S 24 in NE.  
S 25 in SE.  
S 26 in SW.

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.

No B. T.s available.

Land, rolling.  
Soil, 2nd rate.  
Timber, scattered mesquite and palo verde, 80.60 chs.  
Mesquite and palo verde brush and cactus, 80.60 chs.

Thence N. 89° 55' E. on a true line bet. secs. 24  
and 25, W. ¼.

Over nearly level land, through scattered mesquite,  
palo verde and cactus.

38.80 Road, Tucson to Nogales, brs. N. & S,

40.02 The proportional point for ¼ sec. cor. as established  
from old B. T.s, plainly marked as described in  
original notes.

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

¼ in W.  
S 24 in N.  
S 25 1915 in S.

From which old B. T.s a

Mesquite 12 ins. dia., brs. N. 7½° E., 72 lks. dist.,  
mkd. ¼ S 24 B T.

Mesquite 12 ins. dia., brs. S. 17° 45' W., 65 lks. dist.,  
mkd. ¼ S 25 B T.

Land, level.  
Soil, 2nd rate.  
Timber, scattered mesquite and palo verde, 40.02 chs.  
Mesquite and palo verde brush and cactus. 40.02 chs.

Thence N. 89° 46' E. on a true line bet. secs. 24  
and 25, E. ¼.

Over nearly level land, through scattered mesquite, palo  
verde and cactus.

8.20 Wash, 30 lks. wide, course N. 60° E.

12.10 Road, brs. E. from N. 60° W.

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

Chains

E 1/16 in W.  
P I R S 25 in N.  
S 36 1915 in S.

From which a

Mesquite 12 ins. dia., brs. S. 51 1/2° E., 57 lks. dist.,  
mkd. E 1/16 S 36 P I R B T.

Mesquite 15 ins. dia., brs. N. 52 1/2° W., 51 lks. dist.,  
mkd. E 1/16 S 25 P I R B T.

75.50 Dry bed of Santa Cruz River, 2.00 chs. wide, course N.

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

Land, nearly level.  
Soil, 2nd rate.  
Timber, scatters mesquite and palo verde, 79.06 chs.  
Mesquite and palo verde brush and cactus, 79.06 chs.

May 8, 1915.

May 10, 1915. At 8<sup>h</sup> 0<sup>m</sup> a.m., l.m.t., I set off 32° 1' on lat. arc, and 17° 27' N. on decl. arc, and determine a meridian with the solar at the cor. of secs. 25, 26, 35 and 36, on S. bdy. of Papago Indian Reservation, previously described.

Thence I run

N. 0° 16' W. on a true line bet. secs. 25 and 26.

Over nearly level land, through scattered mesquite, palo verde and cactus.

9.20 Wash, 20 lks. wide, course E.

12.00 Road, brs. E. & W.

40.30 The proportional point for 1/4 sec. cor. bet. secs. 25 and 26.

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

1/4 in N.  
S 26 in W.  
S 25 in E.  
1915 in S.

From which a

Mesquite 6 ins. dia., brs. N. 67 1/2° E., 62 lks. dist.,  
mkd. 1/4 S 25 B T.

Mesquite 6 ins. dia., brs. S. 54° W., 63 lks. dist.,  
mkd. 1/4 S 26 B T.

64.20 Wash, 20 lks. wide, course E.

80.60 The proportional point for the cor. of secs. 23, 24, 25 and 26.

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

Chains	
22.70	Road, brs. N. 75° E. from W.
31.00	Dry Bed of Rio Santa Cruz, 2 chs. wide, course N.
39.32	The reestablished cor of secs. 19, 24, 25 and 30, on E. bdy. of tp. previously described.
	Land, nearly level.
	Soil, 1st and 2nd rate.
	Timber, scattered mesquite and palo verde, 39.32 chs.
	Mesquite and palo verde brush and cactus, 39.32 chs.
	May 10, 1915. At this cor. I set off 17° 29½' N. on decl. arc, and at apparent noon observe the sun on the meridian; the resulting lat. is 32° 2' which is the proper lat.
-----	
	From the cor. of secs. 23, 24, 25 and 26, I run
	N. 0° 8' W. on a true line bet. secs. 23 and 24, S. ¼.
	Over nearly level land, through scattered mesquite, palo verde and cactus.
40.30	The proportional point for ¼ sec. cor. as established from old B. T.s.
	Set an iron post 1 in. dia., stamped on cap
	¼ in N. S 23 in W. S 24 in E. 1915 in S.
	From which old B. T. a
	Mesquite 10 ins. dia., brs. S. 64° W., 31 lks. dist., mkd. "¼ S".
	No other 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 3½ ft. base, 1½ ft. high, W. of cor.
	Land, nearly level.
	Soil, 2nd rate.
	Timber, scattered mesquite and palo verde, 40.30 chs.
	Mesquite and palo verde brush and cactus, 40.30 chs.
-----	
	Thence N. 0° 10' E. on a true line bet. secs. 23 and 24, N. ¼.
	Over nearly level land, through scattered mesquite, palo verde and cactus.
40.00	The proportional point for the cor. of secs. 13, 14, 23 and 24.

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

Chains

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

T 26 S S 14 in NW.  
R 13 E S 13 in NE.  
S 24 in SE.  
S 23 in SW.  
1915 in S.

No suitable B. T.s available.

Dig pits 18 x 18 x 12 ins. in each sec. 5 1/2 ft. dist.;  
and raise a mound of earth 4 ft. base, 2 ft. high,  
W. of cor.

Land, nearly level.

Soil, 2nd rate.

Timber, scattered mesquite and palo verde, 40.00 chs.

Mesquite and palo verde brush and cactus, 40.00 chs.

Thence S. 89° 48' E. on a true line bet. secs. 13 and 24,  
W. 1/4.

Over nearly level land, through scattered mesquite  
and palo verde.

.80 Road, Tucson to Nogales, brs. NW. & SE.

5.10 Fence, brs. NW. & SE.

25.30 Road, brs. NW. & SE.

26.00 Leave scattered mesquite and palo verde, bearing NW. &  
SE.

Enter Santa Cruz bottom; dense timber and brush.

35.00 Wash, 1 ch. wide, course NE.

39.99 The proportional point for 1/4 sec. cor. as established  
from old B. T.s.

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

1/4 in W.  
S 13 in N.  
S 24 1915 in S.

From which old B. T.s a

Mesquite 18 ins. dia., brs. S. 58° E., 70 lks. dist.,  
mkd "1/4 S".

Mesquite 20 ins. dia., brs. S. 3° E., 67 lks. dist.,  
blazed, but marks indistinct.

(Stump of old B. T.)

Mesquite 15 ins. dia., brs. S. 33° W., 51 lks. dist.,

Land, level.

Soil, 1st rate, 13.99 chs.; 2nd rate 26.00 chs.

Timber, mesquite and scattered palo verde, 39.99 chs.

Mesquite and palo verde brush and cactus, 39.99 chs.

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

Chains

Thence N. 89° 46' E. on a true line bet. secs. 13 and 24,  
E.  $\frac{1}{4}$ .

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

6.50 Dry bed of Santa Cruz River, 2.00 chs. wide, course N.  
30° W.

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

Land, level bottom.

Soil, 1st rate.

Timber, dense mesquite, 39.43 chs.

Brush, mesquits and cat claw, 39.43 chs.

May 10, 1915.

May 11, 1915. At 8<sup>h</sup> 0<sup>m</sup> a.m., l.m.t., I set off 32°  
2 $\frac{1}{4}$ ' on lat. arc, and 17° 43' N. on decl. arc, and  
determine a meridian with the solar at the cor. of  
secs. 13, 14, 23 and 24.

Thence I run

N. 0° 7' E. on a true line bet. secs. 13 and 14.

Over nearly level land, through scattered mesquite,  
palo verde and cactus.

.60 Road, Tucson to Nogales, brs. NW. & SE.

6.50 Fence, brs. NW. & SE.

36.40 Wash, 50 lks. wide, course NE.

40.00 The old  $\frac{1}{4}$  sec. cor. bet. secs. 13 and 14, which is a  
post 3 ins. square, well set and plainly mkd. " $\frac{1}{4}$  S"  
on W. face.

N. and alongside set an iron post 1 in. dia., stamped  
on cap

$\frac{1}{4}$  in N.  
S 14 in W.  
S 13 in E.  
1915 in S.

From which old B. T. a

Mesquite 15 ins. dia., brs. N. 3° E., 102 lks. dist.,  
mkd. " $\frac{1}{4}$  S".

New B. T.

Mesquite 12 ins. dia., brs. S. 21° E., 85 lks. dist.,  
mkd.  $\frac{1}{4}$  S 13 B T.

Land, nearly level.

Soil, 2nd rate.

Timber, scattered mesquite and palo verde, 40.00 chs.

Mesquite and palo verde brush and cactus, 40.00 chs.

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

Chains

Thence N. 0° 4' W. on a true line bet. secs. 13 and 14,  
N. 1/4.

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

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

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

29.60 Road, brs. NW. & SE.

40.00 The old cor. of secs. 11, 12, 13 and 14, which is a  
post 4 ins. square, well set and plainly mkd.,

TXVI XII on NE.  
RXIII XIII on SE.  
XIV on SW.  
XI on NW.

N. and alongside set an iron post 2 ins. dia., stamped  
on cap

T 16 S S 11 in NW.  
R 13 E S 12 in NE.  
S 13 in SE.  
S 14 in SW.  
1915 in S.

From which a

Mesquite 6 ins. dia., brs. S. 31° E., 78 lks. dist.,  
mkd. T 16 S R 13 E S 13 B T.

Mesquite 14 ins. dia., brs. S. 43 1/4° W., 137 lks. dist.,  
mkd. T 16 S R 13 E S 14 B T.

Mesquite 6 ins. dia., brs. N. 59 1/4° W., 84 lks. dist.,  
mkd. T 16 S R 13 E S 11 B T.

No other B. T. available.

Dig pits 18 x 18 x 12 ins. in each sec. 5 1/2 ft. dist.;  
and raise a mound of earth 4 ft. base, 2 ft. high,  
W. of cor.

Land, level.  
Soil, 2nd rate.  
Timber, scattered mesquite, 40.00 chs.  
Mesquite brush and cactus, 40.00 chs.

Thence N. 89° 53' E. on a true line bet. secs. 12 and 13.

Over level land, through scattered mesquite and cactus.

5.00 Enter level Santa Cruz bottom, and dense mesquite  
timber and brush, bearing NW. & SE.

14.60 Dry bed of Santa Cruz River, 50 lks. wide, course NW.

18.10 Wood road, brs. NW. & SE.

38.80 Wood road, brs. NW. & SE.

BOOK 25

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

Chains

39.76 The proportional point for 1/4 sec. cor. bet. secs. 12 and 13.

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

1/4 in W.  
S 12 in N.  
S 13 1915 in S.

From which a

Mesquite 30 ins. dia., brs. S. 8° 45' E., 52 lks. dist., mkd. 1/4 S 13 B T.

Mesquite 5 ins. dia., brs. N. 62 1/2° W., 37 lks. dist., mkd. 1/4 S 12 B T.

61.50 Wood road, brs. NW. & SE.

77.40 Wood road, brs. N. & S.

79.52 The cor. of secs. 7, 12, 13 and 18, on E. bdy. of tp., previously described.

Land, level.  
Soil, 1st rate 74.52 chs.; 2nd rate 5.00 chs.  
Timber, mesquite 79.52 chs.  
Brush, mesquite and cactus, 79.52 chs.

From the cor. of secs. 11, 12, 13 and 14, I run N. 0° 6' E. on a true line bet. secs. 11 and 12.

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

5.00 Enter level Santa Cruz bottom; brs. NW. & SE.

16.70 Dry bed of Santa Cruz River, 40 lks. wide, course NW.

19.00 Leave scattered mesquite, brs. NW. & SE.

Enter dense mesquite timber and brush.

25.40 Wood road, brs. NW. & SE.

35.50 Arroyo, 20 lks. wide, 4 ft. deep; course NW.

40.09 The proportional point for 1/4 sec. cor. bet. secs. 11 and 12.

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

1/4 in N.  
S 11 in W.  
S 12 in E.  
1915 in S.

From which a

Mesquite 10 ins. dia., brs. S. 23° 45' E., 18 lks. dist., mkd. 1/4 S 12 B T.

Mesquite 5 ins. dia., brs. N. 60 1/2° W., 15 lks. dist., mkd. 1/4 S 11 B T.



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

Chains

May 11, 1915. At this cor. I set off 17° 45' N. on decl. arc, and at apparent noon observe the sun on the meridian; the resulting lat. is 32° 4' which is within 1' of the proper lat.

65.10 Wood road, hrs. NW. & SE.

70.20 Wood road, hrs. NW. & SE.

80.18 The old cor. of secs. 1, 2, 11 and 12, which is a post 4 ins. square, well set and plainly mkd.

TXVI S I on NE.  
RXIII XII on SE.  
XI on SW.  
II on NW.

N. and alongside set an iron post 2 ins. dia., stamped on cap

T 16 S S 2 in NW.  
R 13 E S 1 in NE.  
S 12 in SE.  
S 11 in SW.  
1915 in S.

From which a

Mesquite 6 ins. dia., hrs. N. 71° E., 20 lks. dist., mkd. T 16 S R 13 E S 1 B T.

Mesquite 10 ins. dia., hrs. S. 52° E., 19 lks. dist., mkd. T 16 S R 13 E S 12 B T.

Mesquite 5 ins. dia., hrs. S. 20° 45' W., 17 lks. dist., mkd. T 16 S R 13 E S 11 B T.

Old B. T.

Mesquite 36 ins. dia., hrs. N. 29½° W., 159 lks. dist., mkd. T XVI S R XIII E II B T.

Land, level.  
Soil, 2nd rate, 5.00 chs.; 1st rate, 75.18 chs.  
Timber, mesquite 80.18 chs.  
Brush, mesquite and cactus, 80.18 chs.

Thence S. 89° 43' E. on a true line bet. secs. 1 and 12.

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

39.93 The proportional point for ¼ sec. cor. bet. secs. 1 and 12.

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

¼ in W.  
S 1 in N.  
S 12 1915 in S.

From which a

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

## Chains

Mesquite 12 ins. dia., brs. N. 26° E., 54 lks. dist.,  
mkd.  $\frac{1}{4}$  S. I B T.

Mesquite 6 ins. dia., brs. S. 15 $\frac{1}{2}$ ° W., 80 lks. dist.,  
mkd.  $\frac{1}{4}$  S 12 B T.

40.60 Wash, 30 lks. wide, course N. 30° W.

50.20 Wood road, brs. N. & S.

54.60 Wood road, brs. N. & S.

79.86 The cor. of secs. 1, 6, 7 and 12, on E. bdy. of tp.,  
previously described.

Land, level bottom.

Soil, 1st rate.

Timber, dense mesquite, 79.86 chs.

Mesquite brush and cactus, 79.86 chs.

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

N. 0° 19' E. on a true line bet. secs. 1 and 2.

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

39.80 The proportional point for  $\frac{1}{4}$  sec. cor. bet. secs.  
1 and 2.

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

$\frac{1}{4}$  in N.  
S 2 in W.  
S 1 in E.  
1915 in S.

From which a

Mesquite 8 ins. dia., brs. N. 89 $\frac{1}{2}$ ° E., 44 lks. dist.,  
mkd.  $\frac{1}{4}$  S 1 B T.

Mesquite 5 ins. dia., brs., S. 81 $\frac{1}{2}$ ° W., 14 lks. dist.,  
mkd.  $\frac{1}{4}$  S 2 B T.

69.60 Wood road, brs. NW. & SE.

89.03 (49.23) The reestablished C. C. of secs. 1 and 2,  
on N. bdy. of tp. and 3rd Standard Parallel S.,  
previously described.

Land, level bottom.

Soil, 1st rate.

Timber, dense mesquite, 89.03 chs.

Mesquite brush and cactus, 89.03 chs.

May 11, 1915.

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

Chains

May 12, 1915. At 8<sup>h</sup> 0<sup>m</sup> a.m., l.m.t., I set off 32° 1' on lat. arc, and 17° 58½' on decl. arc, and determine a meridian with the solar at the reestablished cor. of secs. 26, 27, 34 and 35, on S. bdy. of Papago Indian Reservation, previously described.

Thence I run

N. 0° 6' W. on a true line bet. secs. 26 and 27.

Over nearly level land, through scattered mesquite, palo verde and cactus.

.90 Wash, 20 lks. wide, course N. 75° E.

34.90 Wash, 20 lks. wide, course N. 75° E.

40.38 The proportional point for ¼ sec. cor. as established from old B. T.

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

¼ in N.  
S 27 in W.  
S 26 in E.  
1915 in S.

From which <sup>the</sup> old B. T. a

Mesquite 12 ins. dia., brs. N. 5° W., 78 lks. dist., mkd. "¼ S".

No other 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 3½ ft. base, 1½ ft. high, W. of cor.

Land, nearly level.

Soil, 2nd rate.

Timber, scattered mesquite and palo verde, 40.38 chs.

Mesquite and palo verde brush and cactus, 40.38 chs.

Thence I run

N. 0° 20' W. on a true line bet. secs. 26 and 27, N. ¼.

Over nearly level land, through scattered mesquite, palo verde and cactus.

40.04 The cor. of secs. 22, 23, 26 and 27, which is a post 4 ins. square, well set and plainly mkd.

T XVI S XXIII on NE.  
R XIII XXVI on SE.  
XXVII on SW.  
XXII on NW.

N. and alongside set an iron post 2 ins. dia., stamped on cap

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

Chains

T 16 S S 22 in NW.  
R 13 E S 23 in NE.  
S 26 in SE.  
S 27 in SW.  
1915 in S.

From which old B. T. a

Mesquite 6 ins. dia., brs. N. 1 1/2° W., 42 lks. dist.,  
mkd. as described.

No other B. T.s available.

Dig pits 18 x 18 x 12 ins. in each sec. 5 1/2 ft. dist.,  
and raise a mound of earth 4 ft. base, 2 ft. high,  
N. of cor.

Land, nearly level.

Soil, 2nd rate.

Timber, scattered mesquite and palo verde, 40.04 chs.

Mesquite and palo verde brush and cactus, 40.04 chs.

Thence I run

E. on a true line bet. secs. 23 and 26, W. 1/2.

Over nearly level land, through scattered mesquite,  
palo verde and cactus.

40.04

The old 1/4 sec. cor. bet. secs. 23 and 26, which is  
a post 3 ins. square, well set and plainly mkd.  
"1/4 S" on N. face.

N. and alongside set an iron post 1 in. dia., stamped  
on cap

1/4 in W.  
S 23 in N.  
S 26 1915 in S.

From which a

Mesquite 8 ins. dia., brs. N. 19° E., 16 lks. dist.,  
mkd. 1/4 S 23 B T.

Mesquite 6 ins. dia., brs. S. 73 1/4° W., 92 lks. dist.,  
mkd. 1/4 S 26 B T.

Land, nearly level.

Soil, 2nd rate.

Timber, scattered mesquite and palo verde, 40.04 chs.

Mesquite and palo verde brush and cactus, 40.04 chs.

Thence S. 89° 46' E. on a true line bet. secs. 23 and  
26, E. 1/4

Over nearly level land, through scattered mesquite,  
palo verde and cactus.

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

Chains	
40.10	<p>The cor. of secs. 23, 24, 25 and 26, previously described.</p> <p>Land, nearly level. Soil, 2nd rate. Timber, scattered mesquite and palo verde, 40.10 chs. Mesquite and palo verde brush and cactus, 40.10 chs.</p>
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40.05	<p>from the cor. of secs. 22, 23, 26 and 27, I run N. 0° 3' E. on a true line bet. secs. 22 and 23. Over nearly level land, through scattered mesquite, palo verde and cactus.</p> <p>The proportional point for <math>\frac{1}{4}</math> sec. cor. bet. secs. 22 and 23.</p> <p>Set an iron post 1 in. dia., stamped on cap</p> <p style="padding-left: 40px;"><math>\frac{1}{4}</math> in N. 8 22 in W. 8 23 in E. 1915 in S.</p> <p>From which a</p> <p>Mesquite 4 ins. dia., brs. N. 62° W., 10 lks. dist., mkd. <math>\frac{1}{4}</math> S 22 B T.</p> <p>No other B. T.s available.</p> <p>Dig pits 18 x 18 x 12 ins. N. &amp; S. of cor. 3 ft. dist.; and raise a mound of earth <math>3\frac{1}{2}</math> ft. base, <math>1\frac{1}{2}</math> ft. high, N. of cor.</p> <p>May 12, 1915. At this cor. I set off 18° 00<math>\frac{1}{2}</math>' N. on decl. arc, and at apparent noon observe the sun on the meridian; the resulting lat. is 32° 2' which is within 1' of the proper lat.</p>
70.10	Wash, 20 lks. wide, course NE.
76.20	Wash, 30 lks. wide, course NE.
80.10	<p>The proportional point for the cor. of secs. 14, 15, 22 and 23.</p> <p>Set an iron post 2 ins. dia., stamped on cap</p> <p style="padding-left: 40px;">T 16 S S 15 in NW. R 13 E S 14 in NE. S 23 in SE. S 22 in SW. 1915 in S.</p> <p>No B. T.s available.</p> <p>Dig pits 18 x 18 x 12 ins. in each sec. <math>5\frac{1}{2}</math> ft. dist.; and raise a mound of earth 4 ft. base, 2 ft. high, W. of cor.</p> <p>Land, nearly level. Soil, 2nd rate. Timber, scattered mesquite and palo verde, 80.10 chs. Mesquite and palo verde brush and cactus, 80.10 chs.</p>
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## Resurvey of Subdivision lines in T. 16 S., R. 13 E.

Chains	
	<p>Thence I run</p> <p>N. 89° 58' E. on a true line bet. secs. 14 and 23.</p> <p>Over nearly level land, through scattered mesquite, palo verde and cactus.</p>
4.70	Wash, 40 lks. wide, course NE.
40.13	<p>The proportional point for <math>\frac{1}{4}</math> sec. cor. bet. secs. 14 and 23.</p> <p>Set an iron post 1 in. dia., stamped on cap</p> <p style="padding-left: 40px;"><math>\frac{1}{4}</math> in W. S 14 in N. S 23 1915 in S.</p> <p>No B. T.s available.</p> <p>Dig pits 18 x 18 x 12 ins. E. &amp; W. of cor. 3 ft. dist.; and raise a mound of earth <math>3\frac{1}{2}</math> ft. base, <math>1\frac{1}{2}</math> ft. high, N. of cor.</p>
80.25	<p>The cor. of secs. 13, 14, 23 and 24, previously described.</p> <p>Land, nearly level. Soil, 2nd rate. Timber, scattered mesquite and palo verde, 80.25 chs. Mesquite and palo verde brush and cactus, 80.25 chs.</p>
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	<p>From the cor. of secs. 14, 15, 22 and 23, I run</p> <p>N. 0° 18' E. on a true line bet. secs. 14 and 15.</p> <p>Over nearly level land, sloping gradually towards NE., through scattered mesquite, palo verde and cactus.</p>
3.50	Wash, 20 lks. wide, course NE.
11.90	Wash, 20 lks. wide, course NE.
36.40	Wash, 10 lks. wide, course NE.
40.05	<p>The proportional point for the <math>\frac{1}{4}</math> sec. cor. bet. secs. 14 and 15.</p> <p>Set an iron post 1 in. dia., stamped on cap</p> <p style="padding-left: 40px;"><math>\frac{1}{4}</math> in N. S 15 in W. S 14 in E. 1915 in S.</p> <p>No B. T.s available.</p> <p>Dig pits 18 x 18 x 12 ins. N. &amp; S. of cor. 3 ft. dist.; and raise a mound of earth <math>3\frac{1}{2}</math> ft. base, <math>1\frac{1}{2}</math> ft. high, W. of cor.</p>
66.80	Wash, 30 lks. wide, course NE.

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

## Chains

80.10 The proportional point for the cor. of secs. 10, 11, 14 and 15.

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

T 16 S S 10 in NW.  
R 13 E S 11 in NE.  
S 14 in SE.  
S 15 in SW.  
1915 in S.

From which a

Mesquite 12 ins. dia., brs. S.  $74\frac{1}{2}^{\circ}$  E., 110 lks. dist.,  
mkd. T 16 S R 13 E S 14 B T.

No other 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 4 ft. base, 2 ft. high,  
W. of cor.

Land, nearly level.  
Soil, 2nd rate.  
Timber, scattered mesquite and palo verde, 80.10 chs.  
Mesquite and palo verde brush and cactus, 80.10 chs.

May 12, 1915.

May 13, 1915. At 8<sup>h</sup> 0<sup>m</sup> a.m., l.m.t., I set off  $32^{\circ}$   
 $3\frac{1}{2}'$  on lat. arc, and  $18^{\circ} 14'$  N. on decl. arc, and  
determine a meridian with the solar at the cor. of  
secs. 10, 11, 14 and 15.

Thence I run

S.  $89^{\circ} 54'$  E. on a true line bet. secs. 11 and 14.

Desc. over nearly level land, sloping gradually  
towards NE., through scattered mesquite, palo verde  
and cactus.

18.10 Wash, 30 lks. wide, course NE.

38.10 Road, Tucson to Nogales, brs. NW. & SE.

38.90 Fence, brs. NW. & SE.

40.07 The ~~proportional~~ point for  $\frac{1}{4}$  sec. cor. as established  
from stumps of old B. T.s.

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

$\frac{1}{4}$  in W.  
S 11 in N.  
S 14 1915 in S.

From which old B. T. a

Mesquite 15 ins. dia., brs. S.  $70^{\circ}$  E., 12 lks. dist.,  
signs of having been blazed, but no marks visible.

Stump of old B. T.

Mesquite

20 ins. dia., brs. S.  $11\frac{1}{2}^{\circ}$  W., 50 lks. dist.,  
plainly marked " $\frac{1}{4}$  S".

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

Chains

No other B. T. available.

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.

Land, nearly level.  
Soil, 2nd rate.  
Timber, scattered mesquite and palo verde, 40.07 chs.  
Mesquite and palo verde brush and cactus, 40.07 chs.

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Thence N. 89° 56' E. on a true line bet. secs. 11 and 14, E. 1/4.

Over nearly level land, sloping gradually towards NE., through scattered mesquite, palo verde and cactus.

16.20 Wash, 30 lks. wide, course NE.

26.10 Wood road, brs. NW. & SE

30.90 Wash, 30 lks. wide, course NE.

32.10 Wood road, brs. NW. & SE.

39.82 The cor. of secs. 11, 12, 13 and 14, previously described.

Land, nearly level.  
Soil, 2nd rate.  
Timber, scattered mesquite and palo verde, 39.82 chs.  
Mesquite and palo verde brush and cactus, 39.82 chs.

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From the cor. of secs. 10, 11, 14 and 15, I run N. 0° 2' W. on a true line bet. secs. 10 and 11.

Desc. over nearly level land, gradually sloping towards NE, through scattered mesquite, palo verde and cactus.

33.90 Wash, 15 lks. wide, course NE.

40.05 The proportional point for 1/4 sec. cor. bet. secs. 10 and 11.

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

1/4 in N.  
8 10 in W.  
8 11 in E.  
1915 in S.

No 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 1/2 ft. base, 1 1/2 ft. high, W. of cor.



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

Chains	
58.30	Road, Tucson to Nogales, brs. NW. & SE.
58.50	Fence, brs. NW. & SE.
68.60	Wash, 30 lks. wide, course NE.
69.80	Wood road, brs. NW. & SE.
80.10	The proportional point for the cor. of secs. 2, 3, 10 and 11.
	Set an iron post 2 ins. dia., stamped on cap
	<p style="margin-left: 40px;">T 16 S S 3 in NW.  R 13 E S 2 in NE.  S 11 in SE.  S 10 in SW.  1915 in S.</p>
	From which a
	Mesquite 5 ins. dia., brs. N. 29° E., 143 lks. dist., mkd. T 16 S R 13 E S 2 B T.
	Mesquite 5 ins. dia., brs. S. 7½° E., 39 lks. dist., mkd. T 16 S R 13 E S 11 B T.
	Mesquite 4 ins. dia., brs. S. 38½° W., 258 lks. dist., mkd. T 16 S R 13 E S 10 B T.
	Mesquite 6 ins. dia., brs. N. 42° W., 147 lks. dist., mkd. T 16 S R 13 E S 3 B T.
	Land, nearly level. Soil, 2nd rate. Timber, scattered mesquite and palo verde, 80.10 chs. Mesquite and palo verde brush and cactus, 80.10 chs.
	May 13, 1915. At this cor. I set off 18° 16' N. on decl. arc, and at apparent noon observe the sun on the meridian, the resulting lat. is 32° 4' which is the proper lat.
	Thence I run
	N. 89° 52' E. on a true line bet. secs. 2 and 11.
	Over nearly level land, sloping gradually towards NE., through scattered mesquite and cactus.
6.30	Wash, 30 lks. wide, course NE.
37.30	Wash, 10 lks. wide, course NE.
40.00	The <del>XXXXXXXXXXXX</del> point for ¼ sec. cor. as reestablished from old B. T.
	Set an iron post 1 in. dia., stamped on cap
	<p style="margin-left: 40px;">¼ in W.  S 2 in N.  S 11 1915 in S.</p>

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

Chains

From which an old B. T. a  
Mesquite 12 ins. dia., brs. N. 62° E., 190 lks. dist.,  
mkd. "1/4 S B T"

New B. T.

Mesquite 10 ins. dia., brs. S. 65 1/2° E., 77 lks. dist.,  
mkd. 1/4 S 11 B T.

Land, nearly level.  
Soil, 2nd rate.  
Timber, scattered mesquite and palo verde, 40.00 chs.  
Mesquite and palo verde brush and cactus, 40.00 chs.

-----  
Thence S. 89° 51' E. on a true line bet. secs. 2  
and 11, E. 1/4.

Over nearly level land, through scattered mesquite.

.30 Wood road, brs. NW. & SE.

.50 Leave scattered timber, brs. NW. & SE.

Enter dense mesquite, brush and cactus in level  
Santa Cruz bottom.

8.70 Dry bed of Santa Cruz River, 150 lks. wide, course NW.

18.20 Arroyo, 20 lks. wide, 4 ft, deep; course NW.

32.30 Wood road, brs. NW. & SE.

40.11 The cor. of secs. 1, 2, 11 and 12, previously described.

Land, level bottom.  
Soil, 1st rate.  
Timber, dense mesquite, 40.11 chs.  
Mesquite brush and cactus, 40.11 chs.

-----  
From the cor. of secs. 2, 3, 10 and 11, I run  
N. 0° 10' E. on a true line bet. secs. 2 and 3.

Over nearly level land, sloping gently towards NE.,  
through scattered mesquite, palo verde and cactus.

27.70 Wash, 20 lks. wide, course NE.

40.05 The proportional point for 1/4 sec. cor. bet. secs.  
2 and 3.

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

1/4 in N.  
3 in W.  
2 in E.  
1915 in S.

From which a

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

Chains	
	Mesquite 5 ins. dia., brs. S. $36\frac{1}{2}^{\circ}$ E., 85 lks. dist., mkd. $\frac{1}{4}$ S 2 B T.
	Mesquite 6 ins. dia., brs. N. $86\frac{1}{2}^{\circ}$ W., 178 lks. dist., mkd. $\frac{1}{4}$ S 3 B T.
71.90	Wood road, brs. NW. & SE.
81.10	Wash, 30 lks. wide, course NE.
83.40	Wood road, brs. E. & W.
88.71	Set an iron post 2 ins. dia., for W. C. to C. C. of secs. 2 and 3, (True point falls in wash.) stamped on cap  T 15 S R 13 E S 34 in N. S 3 T 16 S in SW. S 2 R 13 E in SE. W C C C 1915 in S.  From which a  Mesquite 20 ins. dia., brs. N. $64^{\circ} 45'$ E., 21 lks. dist., mkd. T 16 S R 13 E S 2 W C C C B T.  Mesquite 24 ins. dia., brs. S. $15\frac{1}{2}^{\circ}$ W., 119 lks. dist., mkd. T 16 S R 13 E S 3 W C C C B T.
89.01	The temp. reestablished C. C. of secs. 2 and 3, on N. bdy. of tp. and 3rd Standard Parallel S., previously described. (Falls in wash, 50 lks. wide, course E.)  Land, nearly level. Soil, 2nd rate. Timber, scattered mesquite and palo verde, 89.01 chs. Mesquite and palo verde brush and cactus, 89.01 chs.  May 13, 1915.
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	May 14, 1915. At 8 <sup>h</sup> 0 <sup>m</sup> a.m., l.m.t., I set off $32^{\circ} 1'$ on lat. arc, and $18^{\circ} 28\frac{1}{2}'$ N. on decl. arc, and deter- mine a meridian with the solar at the cor. of secs. 27, 28, 33 and 34, on S. bdy. of Papage Indian Reservation, previously described.  Thence I run  N. $2^{\circ} 18'$ E. on a true line bet. secs. 27 and 28.  Over rolling land, sloping gradually towards NE., through scattered mesquite, palo verde and cactus.
29.80	Wash, 20 lks. wide, course NE.
39.95	The old $\frac{1}{4}$ sec. cor. bet. secs. 27 and 28, which is a post 3 ins. square, well set and plainly mkd. " $\frac{1}{4}$ S " on W. face.  N. and alongside set an iron post 1 in. dia., stamped on cap

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

Chains

1/4 in N.  
8 28 in W.  
8 27 in E.  
1915 in S.

No 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 1/2 ft. base, 1 1/2 ft. high,  
W. of cor.

Land, rolling.  
Soil, 2nd rate.  
Timber, scattered mesquite and palo verde, 39.95 chs.  
Mesquite and palo verde brush and cactus, 39.95 chs.

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Thence N. 1° 13' W. on a true line bet. secs. 27 and  
28, N. 1/4.

Over rolling land, sloping gradually towards NE.,  
through scattered mesquite, palo verde and cactus.

40.86

The point for the cor. of secs. 21, 22, 27 and 28,  
as established from old B. T.

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

T 16 S S 21 in NW.  
R 13 E S 22 in NE.  
S 27 in SE.  
S 28 in SW.  
1915 in S.

From which old B. T. a

Mesquite 10 ins. dia., brs. S. 50° W., 116 lks. dist.,  
mkd. as described.

No other B. T.s available.

Dig pits 18 x 18 x 12 ins. in each sec. 5 1/2 ft. dist.,  
and raise a mound of earth 4 ft. base, 2 ft. high,  
W. of cor.

Land, rolling.  
Soil, 2nd rate.  
Timber, scattered mesquite and palo verde, 40.86 chs.  
Mesquite and palo verde brush and cactus, 40.86 chs.

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Thence N. 88° 50' E. on a true line bet. secs. 22  
and 27.

Desc. over rolling land, sloping gradually towards NE.,  
through scattered mesquite, palo verde and cactus.

27.80

Wash, 30 lks. wide, course NE.

39.48

The proportional point for 1/4 sec. cor. bet. secs.  
22 and 27.

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

Resurvey of Subdivision lines in T. 26 N., R. 13 E.

Chains	
	<p> <math>\frac{1}{4}</math> in W.            S 22 in N.            S 27 1915 in S.         </p> <p>From which a</p> <p>Mesquite 12 ins. dia., brs. N. 81° 45' E., 190 lks. dist.,            mkd. <math>\frac{1}{4}</math> S 22 B T.</p> <p>Mesquite 8 ins. dia., brs. S. 79<math>\frac{1}{4}</math>° E., 146 lks. dist.,            mkd. <math>\frac{1}{4}</math> S 27 B T.</p>
51.60	Wash, 40 lks. wide, course NE.
63.60	Wash, 30 lks. wide, course NE.
78.96	The cor. of secs. 22, 23, 26 and 27, previously described.
	<p>Land, rolling.            Soil, 3rd rate.            Timber, scattered mesquite and palo verde, 78.96 chs.            Mesquite and palo verde brush and cactus, 78.96 chs.</p> <p>May 14, 1915. At this cor. I set off 18° 30<math>\frac{1}{2}</math>' N. on decl. arc, and at apparent noon observe the sun on the meridian; the resulting lat. is 32° 2' which is the proper lat.</p>
<hr style="border-top: 1px dashed black;"/>	
	<p>From the cor. of secs. 21, 22, 27 and 28, I run</p> <p>N. 0° 9' W. on a true line bet. secs. 21 and 22.</p> <p>Over rolling land, sloping gradually towards NE., through scattered mesquite, palo verde and cactus.</p>
8.70	Wash, 80 lks. wide, course NE.
39.57	The proportional point for $\frac{1}{4}$ sec. cor. bet. secs. 21 and 22.
	Set an iron post 1 in. dia., stamped on cap
	<p> <math>\frac{1}{4}</math> in N.            S 21 in W.            S 22 in E.            1915 in S.         </p> <p>No B. T.s available.</p> <p>Dig pits 18 x 18 x 12 ins. N. &amp; S. of cor. 3 ft. dist., and raise a mound of earth 3<math>\frac{1}{2}</math> ft. base, 1<math>\frac{1}{2}</math> ft. high, W. of cor.</p>
46.10	Wash, 30 lks. wide, course N. 60° E.
78.50	Wash, 30 lks. wide, course N. 75° E.
79.14	The old cor. of secs. 15, 16, 21 and 22, which is a post 4 ins. square, well set and plainly mkd.
	<p>           T XVI S XV on NE.            R XIII E XXII on SE.            XXI on SW.            XVI in NW.         </p>

Resurvey of Subdivision lines in T. 26 N., R. 13 E.

Chains

N. and alongside set an iron post 2 ins. dia., stamped on cap

T 16 S S 15 in NW.  
R 13 E S 15 in NE.  
S 22 in SE.  
S 21 in SW.  
1915 in S.

No B. T.s available.

Dig pits 18 x 18 x 12 ins. in each sec. 5 1/2 ft. dist., and raise a mound of earth 4 ft. base, 2 ft. high, W. of cor.

Land, rolling.  
Soil, 2nd rate.  
Timber, scattered mesquite and palo verde, 79.14 chs.  
Mesquite and palo verde and cactus, 79.14 chs.

Thence N. 88° 8' E. on a true line bet. secs. 15 and 22.

Desc. over gently rolling land, through scattered mesquite, palo verde and cactus.

1.50 Wash, 30 lks. wide, course N. 75° E.

31.10 Wash, 10 lks. wide, course N. 60° E.

39.11 The point for 1/4 sec. cor. as established from old B. T.

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

1/4 in W.  
S 15 in N.  
S 22 1915 in S.

From which a

Mesquite 10 ins. dia., brs. N. 51° 45' E., 131 lks. dist., mkd. 1/4 S 15 B T.

Old. B. T.

Mesquite 8 ins. dia., brs. S. 87° E., 80 lks. dist., mkd. "1/4 S"

Land, rolling.  
Soil, 2nd rate.  
Timber, scattered mesquite and palo verde, 39.11 chs.  
Mesquite and palo verde brush and cactus, 39. 11 chs.

Thence N. 88° 27' E. on a true line bet. secs. 15 and 22, E. 1/4.

Over gently rolling land, sloping towards NE., through scattered mesquite, palo verde and cactus.

3.50 Wash, 10 lks. wide, course N. 60° E.

12.80 Wash, 20 lks. wide, course NE.

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

Chains	
34.00	Wash, 20 lks. wide, course NE.
40.00	The cor. of secs. 14, 15, 22 and 23, previously described.
	<p>Land, gently rolling.            Soil, 2nd rate.            Timber, scattered mesquite and palo verde, 40.00 chs.            Mesquite and palo verde brush and cactus, 40.00 chs.</p> <p style="text-align: center;">May 14, 1915.</p>
<hr style="border-top: 1px dashed black;"/>	
	<p>May 15, 1915. At 8<sup>h</sup> 0<sup>m</sup> a.m. l.m.t., I set off 32° 2½' on lat. arc, and 18° 43' N. on decl. arc, and determine a meridian with the solar at the cor. of secs. 15, 16, 21 and 22, previously described.</p>
	<p>Thence I run            N. 0° 1' E. on a true line bet. secs. 15 and 16.</p>
	<p>Over rolling land, sloping gradually towards NE., through scattered mesquite, palo verde and cactus.</p>
39.33	The point for ¼ sec. cor. as established from old B. T.
	Set an iron post 1 in. dia., stamped on cap
	<p>¼ in N.            8 16 in W.            8 15 in E.            1915 in S.</p>
	<p>From which old B. T. a            Mesquite 12 ins. dia., brs. S. 87° E., 89 lks. dist., mkd. "¼".</p>
	No other B. T.s available.
	<p>Dig pits 18 x 18 x 12 ins. N. &amp; S. of cor. 3 ft. dist., and raise a mound of earth 3½ ft. base, 1½ ft. high, W. of cor.</p>
	<p>Land, rolling.            Soil, 2nd rate.            Timber, scattered mesquite and palo verde, 39.33 chs.            Mesquite and palo verde brush and cactus, 39.33 chs.</p>
<hr style="border-top: 1px dashed black;"/>	
	<p>Thence N. 0° 43' W. on a true line bet. secs. 15 and 16, N. ¼.</p>
	<p>Over rolling land, sloping gradually towards NE., through scattered mesquite, palo verde and cactus.</p>
40.52	The proportional point for cor. of secs. 9, 10, 15 and 16.
	Set an iron post 2 ins. dia., stamped on cap

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

Chains		
	<p>T 16 S S 9 in NW. R 13 E S 10 in NE. S 15 in SE. S 16 in SW. 1915 in S.</p> <p>No B. T.s available.</p> <p>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.</p> <p>Land, rolling. Soil, 2nd rate. Timber, scattered mesquite and palo verde, 40.52 chs. Mesquite and palo verde brush and cactus, 40.52 chs.</p>	
	<p>Thence N. 88° 2' E. on a true line bet. secs. 10 and 15.</p> <p>Over nearly level land, sloping gradually towards NE., through scattered mesquite, palo verde and cactus.</p>	
12.60	Wash, 15 lks. wide, course NE.	
39.97	The proportional point for ¼ sec. cor. bet. secs. 10 and 15.	
	<p>Set an iron post 1 in. dia., stamped on cap</p> <p>¼ in W. S 10 in N. S 15 1915 in S.</p> <p>From which a</p> <p>Mesquite 8 ins. dia., brs. S. 70½° E., 158 lks. dist., mkd. ¼ S 15 B</p> <p>Mesquite 8 ins. dia., brs. N. 78° 45' W., 111 lks. dist., mkd. ¼ S 10 B T.</p>	
79.95	The cor. of secs. 10, 11, 14 and 15, previously described.	
	<p>Land, nearly level. Soil, 2nd rate. Timber, scattered mesquite and palo verde, 79.95 chs. Mesquite and palo verde brush and cactus, 79.95 chs.</p>	
	<p>From the cor. of secs. 9, 10, 15 and 16, I run</p> <p>N. 0° 3' W. on a true line bet. secs. 9 and 10.</p> <p>Over nearly level land, sloping gradually towards NE., through scattered mesquite, palo verde and cactus.</p>	
10.20	Wash, 40 lks. wide, course NE.	
40.52	The proportional point for ¼ sec. cor. bet. secs. 9 and 10.	
	<p>Set an iron post 1 in. dia., stamped on cap</p>	



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

Chains

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

May 15, 1915. At this cor. I set off  $18^{\circ} 45'$  N. on decl. arc, and at apparent noon observe the sun on the meridian; the resulting lat. is  $32^{\circ} 4'$  which is within 1' of the proper lat.

81.04 The proportional point for the cor. of secs. 3, 4, 9 and 10.

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

T 16 S S 4 in NW.  
 R 13 E S 3 in NE.  
 S 10 in SE.  
 S 9 in SW.  
 1915 in S.

From which a

Mesquite 6 ins. dia., brs. N.  $22\frac{1}{2}^{\circ}$  E., 96 lks. dist., mkd. T 16 S R 13 E S 3 B T.

Mesquite 6 ins. dia., brs. N.  $15^{\circ}$  W., 95 lks. dist., mkd. T 16 S R 13 E S 4 B T.

No other 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 4 ft. base, 2 ft. high, N. of cor.

Land, nearly level.  
 Soil, 2nd rate.  
 Timber, scattered mesquite and palo verde, 81.04 chs.  
 Mesquite and palo verde brush and cactus, 81.04 chs.

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Thence N.  $89^{\circ} 36'$  E. on a true line bet. secs. 3 and 10.

Over nearly level land, sloping gradually towards NE., through scattered mesquite, palo verde and cactus.

28.30 Wash, 15 lks. wide, course NE.

39.98 The proportional point for  $\frac{1}{4}$  sec. cor. bet. secs. 3 and 10.

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

$\frac{1}{4}$  in W.  
 S 3 in N.  
 S 10 1915 in S.

From which a

Mesquite 6 ins. dia., brs. S.  $43\frac{1}{2}^{\circ}$  E., 54 lks. dist., mkd.  $\frac{1}{4}$  S 10 B T.

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

## Chains

Mesquite 4 ins. dia., brs. N. 79° W., 176 lks. dist.,  
mkd.  $\frac{1}{4}$  S 3 B T.

67.60 Road, Tucson to Nogales, brs. NW. & SE.

67.80 Fence, brs. NW. & SE.

71.10 Wood road, brs. NW. & SE.

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

Land, nearly level.

Soil, 2nd rate.

Timber, scattered mesquite and palo verde, 79.96 chs.

Mesquite and palo verde brush and cactus, 79.96 chs.

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

N. 0° 1' E. on a true line bet. secs. 3 and 4.

Over nearly level land, sloping gradually towards NE.,  
through scattered mesquite, palo verde and cactus.

39.10 Wash, 40 lks. wide, course NE.

40.20 Road, brs. NE. & SW.

40.52 The proportional point for  $\frac{1}{4}$  sec. cor. bet. secs. 3 and 4.

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

$\frac{1}{4}$  in N.  
8 4 in W.  
8 3 in E.  
1915 in S.

No 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.

85.10 Road, brs. NW. & SE.

90.73 The reestablished C. C. of secs. 3 and 4, on N. bdy.  
of tp. and 3rd Standard Parallel S., previously  
described.

Land, nearly level.

Soil, 2nd rate.

Timber, scattered mesquite and palo verde, 90.73 chs.

Mesquite and palo verde brush and cactus, 90.73 chs.

May 15, 1915.

May 17, 1915. At 8<sup>h</sup> 0<sup>m</sup> a.m., l.m.t., I set off 32° 0'  
on lat. arc, and 19° 11' N. on decl. arc, and deter-  
mine a meridian with the solar at the cor. of secs.  
28, 29 32 and 33, on S. bdy. of Papago Indian Reser-  
vation, previously described.

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

Chains	
	Thence N. $0^{\circ} 38'$ E. on a true line bet. secs. 28 and 29. Over rolling land, sloping gradually towards NE., through scattered mesquite, palo verde and cactus.
28.00	Wash, 20 lks. wide, course NE.
31.60	Wash, 1 ch. wide, course NE.
40.22	The proportional point for $\frac{1}{4}$ sec. cor. bet. secs. 28 and 29. Set an iron post 1 in. dia., stamped on cap  $\frac{1}{4}$ in N. S 29 in W. S 28 in E. 1915 in S.  From which a  Palo verde 5 ins. dia., brs. N. $80\frac{1}{2}^{\circ}$ E., 88 lks. dist., mkd. $\frac{1}{4}$ S 28 B T.  Mesquite 10 ins. dia., brs. N. $45^{\circ} 45'$ W., 37 lks. dist., mkd. $\frac{1}{4}$ S 29 B T.
77.80	Wash, 30 lks. wide, course NE.
80.44	The old cor. of secs. 20, 21, 28 and 29, which is a post 4 ins. square, well set and plainly mkd.  T XVI S XXI on NE. R XIII E XXVIII on SE. XXIX on SW. XX on NW.  N. and alongside set an iron post 2 ins. dia., stamped on cap  T 16 S S 20 in NW. R 13 E S 21 in NE. S 28 in SE. S 29 in SW. 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 4 ft. base, 2 ft. high, W. of cor.  Land, rolling. Soil, 3rd rate. Timber, scattered mesquite and palo verde, 80.44 chs. Mesquite and palo verde brush and cactus, 80.44 chs.
	Thence N. $89^{\circ} 36'$ E. on a true line bet. secs. 21 and 28. Over rolling land, sloping gradually towards NE., through scattered mesquite, palo verde and cactus.
3.70	Wash, 30 lks. wide, course NE.

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

Chains		
39.94	<p>The proportional point for <math>\frac{1}{4}</math> 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;"><math>\frac{1}{4}</math> in W. S 21 in N. S 28 1915 in S.</p> <p>From which a</p> <p>Mesquite 6 ins. dia., brs. N. <math>80^{\circ} 45'</math> E., 70 lks. dist., mkd. <math>\frac{1}{4}</math> S 21 B T.</p> <p>Palo verde 6 ins. dia., brs. S. <math>9\frac{1}{4}^{\circ}</math> E., 26 lks. dist., mkd. <math>\frac{1}{4}</math> S 28 B T.</p>	
58.60	Road, brs. N. $30^{\circ}$ E. and S. $30^{\circ}$ W.	
63.40	Wash, 60 lks. wide, course NE.	
65.10	Road, brs. N. & S.	
79.89	<p>The cor. of secs. 21, 22, 27 and 28, previously described.</p> <p>Land, rolling. Soil, 3rd rate. Timber, scattered mesquite and palo verde, 79.89 chs. Mesquite and palo verde brush and cactus, 79.89 chs.</p>	
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39.68	<p>From the cor. of secs. 20, 21, 28 and 29, I run N. <math>0^{\circ} 13'</math> W. on a true line bet. secs. 20 and 21.</p> <p>Over rolling land, sloping gently towards NE., through scattered mesquite and palo verde and cactus.</p> <p>The proportional point for <math>\frac{1}{4}</math> sec. cor. bet. secs. 20 and 21.</p> <p>Set an iron post 1 in. dia., stamped on cap</p> <p style="padding-left: 40px;"><math>\frac{1}{4}</math> in N. S 20 in W. S 21 in E. 1915 in S.</p> <p>No B. T.s available.</p> <p>Dig pits 18 x 18 x 12 ins. N. &amp; S. of cor. 3 ft. dist., and raise a mound of earth <math>3\frac{1}{2}</math> ft. base, <math>1\frac{1}{2}</math> ft. high, W. of cor.</p> <p>May 17, 1915. At this cor. I set off <math>19^{\circ} 13'</math> N. on decl. arc, and at apparent noon observe the sun on the meridian; the resulting lat. is <math>32^{\circ} 2'</math> which is within 1' of the proper lat.</p>	
50.20	Wash, 20 lks. wide, course NE.	
68.50	Wash, 30 lks. wide, course NE.	

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

Chains

79.36

The old cor. of secs. 16, 17, 20 and 21, which is a post 4 ins. square, well set and plainly mkd.

T XVI S XVI on NE.  
R XIII E XXI on SE.  
XX on SW.  
XVII on NW.

N. and alongside set an iron post 2 ins. dia., stamped on cap

T 16 S S 17 in NW.  
R 13 E S 16 in NE.  
S 21 in SE.  
S 20 in SW.  
1915 in S.

From which a

Palo verde 6 ins. dia., brs. N. 20½° E., 31 lks. dist., mkd. T 16 S R 13 E S 16 B T.

No other 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, rolling.

Soil, 3rd rate.

Timber, scattered mesquite and palo verde, 79.36 chs.

Mesquite and palo verde brush and cactus, 79.36 chs.

Thence N. 89° 32' E. on a true line bet. secs. 16 and 21.

Over rolling land, sloping gradually towards NE., through scattered mesquite, palo verde and cactus.

23.50

Wash, 50 lks. wide, course NE.

40.38

The old ¼ sec. cor. bet. secs. 16 and 21, which is a post 4 ins. square, well set and plainly mkd. "¼ S" on N. face.

N. and alongside set an iron post 1 in. dia., stamped on cap

¼ in W.  
S 16 in N.  
S 21 1915 in S.

No B. T.s available.

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.

Land, rolling.

Soil, 3rd rate.

Timber, scattered mesquite and palo verde, 40.38 chs.

Mesquite and palo verde brush and cactus, 40.38 chs.

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

Chains

Thence S. 89° 58' E. on a true line bet. secs. 16 and 21, E.  $\frac{1}{4}$ .

Over rolling land, sloping gradually towards NE., through scattered mesquite, palo verde and cactus.

5.70 Begin ascent of rocky S. slope of small hill.

13.60 Top of ascent, brs. N. & S.; begin desc.

26.00 Foot of descent; thence rolling land.

29.50 Road, brs. N. & S.

37.60 Bend of wash, 30 lks. wide, course S. 80° E. from S. 80° W.

39.47 The cor. of secs. 15, 16, 21 and 22, previously described.

Land, rolling.  
Soil, 3rd rate.  
Timber, scattered mesquite and palo verde, 39.47 chs.  
Mesquite and palo verde brush and cactus, 39.47 chs.

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Thence N. 1° 38' W. on a true line bet. secs. 16 and 17.

Over rolling land, gradually sloping towards NE., through scattered mesquite, palo verde and cactus.

19.30 Wash, 30 lks. wide, course NE.

38.32 The point for  $\frac{1}{4}$  sec. cor. as established from stump of old B. T., plainly mkd. " $\frac{1}{4}$ ".

N. and alongside set an iron post 1 in. dia., stamped on cap

$\frac{1}{4}$  in N.  
 S 17 in W.  
 S 16 in E.  
 1915 in S.

From which an old B. T. a

Mesquite 12 ins. dia., brs. N. 89° E., 110 lks. dist., mkd. " $\frac{1}{4}$ ".

No other 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.

Land, rolling.  
Soil, 3rd rate.  
Timber, scattered mesquite and palo verde, 38.32 chs.  
Mesquite and palo verde brush and cactus, 38.32 chs.

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Thence N. 0° 34' E. on a true line bet. secs. 16 and 17, N.  $\frac{1}{4}$ .

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

Chains

Over rolling land, sloping gradually towards NE.,  
through scattered mesquite, palo verde and cactus.

39.70 Wash, 40 lks. wide, course NE.

40.30 The old cor. of secs. 8, 9, 16 and 17, which is a  
post 4 ins. square, well set and plainly mkd.

T XVI S IX on NE.  
R XIII XVI on SE.  
XVII on SW.  
VIII on NW.

N. and alongside set an iron post, 2 ins. dia.,  
stamped on cap

T 16 S S 8 in NW.  
R 13 E S 9 in NE.  
S 16 in SE.  
S 17 in SW.  
1915 in S.

From which old B. T. a

Mesquite 14 ins. dia., brs. S.  $43\frac{1}{2}^{\circ}$  W., 50 lks. dist.,  
mkd. as described.

No other B. T.s available.

Land, rolling.

Soil, 3rd rate.

Timber, scattered mesquite and palo verde, 40.30 chs.

Mesquite and palo verde brush and cactus, 40.30 chs.

May 17, 1915.

May 18, 1915. At 8<sup>h</sup> 0<sup>m</sup> a.m., l.m.t., I set off  $32^{\circ} 3\frac{1}{2}'$   
on lat. arc, and  $19^{\circ} 25'$  N. on decl. arc, and deter-  
mine a meridian with the solar at the cor. of secs.  
8, 9, 16 and 17.

Thence N.  $89^{\circ} 51'$  E. on a true line bet. secs. 9 and 16.

Over rolling land, gradually sloping towards NE.,  
through scattered mesquite, palo verde and cactus.

3.80 Wash, 40 lks. wide, course NE.

16.40 Wash, 10 lks. wide, course NE.

40.04 The old  $\frac{1}{4}$  sec. cor. bet. secs. 9 and 16, which is a  
post 3 ins. square, well set and plainly mkd. " $\frac{1}{4}$  S"  
on N. face.

N. and alongside set an iron post 1 in. dia., stamped  
on cap

$\frac{1}{4}$  in W.  
S 9 in N.  
S 16 1915 in S.

No B. T.s available.

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 in T. 16 S., R. 13 E.

Chains

Land, rolling.  
Soil, 3rd rate.  
Timber, scattered mesquite and palo verde, 40.04 chs.  
Mesquite and palo verde brush and cactus, 40.04 chs.

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Thence N. 87° 49' E. on a true line bet. secs. 9 and 16.

Over nearly level land, sloping gradually towards NE.,  
through scattered mesquite, palo verde and cactus.

24.40 Road, brs. N. & S.

27.60 Wash, 30 lks. wide, course NE.

34.20 Wash, 10 lks. wide, course NE.

40.10 The cor. of secs. 9, 10, 15 and 16, previously  
described.

Land, nearly level.  
Soil, 3rd rate.  
Timber, scattered mesquite and palo verde, 40.10 chs.  
Mesquite and palo verde brush and cactus, 40.10 chs.

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From the cor. of secs. 8, 9, 16 and 17, I run

N. 0° 2' W. on a true line bet. secs. 8 and 9.

Over nearly level land, sloping gradually towards NE.,  
through scattered mesquite, palo verde and cactus.

40.81 The proportional point for  $\frac{1}{4}$  sec. cor. bet. secs.  
8 and 9.

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

$\frac{1}{4}$  in N.  
8 8 in W.  
8 9 in E.  
1915 in S.

No 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.

51.60 Wash, 15 lks. wide, course NE.

81.62 The proportional point for the cor. of secs. 4, 5, 8  
and 9.

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

T 16 S 8 5 in NW.  
R 13 E 8 4 in NE.  
8 9 in SE.  
8 8 in SW.  
1915 in S.



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

Chains

From which a

Mesquite 8 ins. dia., brs. S.  $10\frac{1}{2}^{\circ}$  E., 151 lks. dist.,  
mkd. T 16 S R 13 E S 9 B T.

No other 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, nearly level.

Soil, 3rd rate.

Timber, scattered mesquite and palo verde, 81.62 chs.

Mesquite and palo verde brush and cactus, 81.62 chs.

May 18, 1915. At this cor. I set off  $19^{\circ} 26\frac{1}{2}'$  N. on  
decl. arc, and at apparent noon, observe the sun  
on the meridian, the resulting lat. is  $32^{\circ} 4'$  which  
is the proper lat.

Thence N.  $89^{\circ} 13'$  E. on a true line bet. secs. 4 and 9.

Over nearly level land, sloping gradually towards NE.,  
through scattered mesquite, palo verde and cactus.

29.20 Wash, 15 lks. wide, course NE.

40.03 The proportional point for  $\frac{1}{4}$  sec. cor. bet. secs. 4  
and 9.

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

$\frac{1}{4}$  in W.  
S 4 in N.  
S 9 1915 in S.

From which a

Mesquite 6 ins. dia., brs. N.  $25^{\circ} 45'$  E., 127 lks. dist.,  
mkd.  $\frac{1}{4}$  S 4 B T.

Mesquite 8 ins. dia., brs., S.  $86\frac{1}{2}^{\circ}$  W., 119 lks. dist.,  
mkd.  $\frac{1}{4}$  S 9 B T.

55.20 Wash, 10 lks. wide, course NE.

65.80 Wash, 30 lks. wide, course NE.

69.80 Road, brs. N. & S.

80.06 The cor. of secs. 3, 4, 9 and 10, previously described.

Land, nearly level.

Soil, 3rd rate.

Timber, scattered mesquite and palo verde, 80.06 chs.

Mesquite and palo verde brush and cactus, 80.06 chs.

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

Chains

From the cor. of secs. 4, 5, 8 and 9, I run  
N. 0° 9' E. on a true line bet. secs. 4 and 5.  
Over nearly level land, sloping gradually towards NE.,  
through scattered mesquite, palo verde and cactus.

11.40 Wash, 15 lks. wide, course NE.

40.81 The proportional point for  $\frac{1}{4}$  sec. cor. bet. secs.  
4 and 5.

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

$\frac{1}{4}$  in N.  
S 5 in W.  
S 4 in E.  
1915 in S.

From which a

Mesquite 4 ins. dia., brs., S. 9° E., 162 lks. dist.,  
mkd.  $\frac{1}{4}$  S 4 B T.

Mesquite 6 ins. dia., brs. N. 41 $\frac{1}{2}$ ° W., 67 lks. dist.,  
mkd.  $\frac{1}{4}$  S 5 B T.

45.20 Wash, 30 lks. wide, course NE.

52.80 Wash, 40 lks. wide, course NE.

87.50 Wash, 20 lks. wide, course E.

91.54 The reestablished C. C. of secs. 4 and 5, on N. bdy.  
of tp. and 3rd Standard Parallel S., previously  
described.

Land, nearly level.  
Soil, 3rd rate.  
Timber, scattered mesquite and palo verde, 91.54 chs.  
Mesquite and palo verde brush and cactus, 91.54 chs.

May 18, 1915.

May 19, 1915. At 8<sup>h</sup> 0<sup>m</sup> a.m., l.m.t., I set off 32° 1'  
on lat. arc, and 19° 38' N. on decl. arc, and deter-  
mine a meridian with the solar at the cor. of secs.  
29, 30, 31 and 32, on S. bdy. of Papago Indian Reser-  
vation, previously described.

Thence N. 0° 14' E. on a true line bet. secs. 29  
and 30.

Over rolling land, sloping gradually towards NE.,  
through scattered mesquite, palo verde and cactus.

3.70 Wash, 15 lks. wide, course NE.

6.90 Wash, 30 lks. wide, course NE.

40.14 The proportional point for  $\frac{1}{4}$  sec. cor. bet. secs. 29  
and 30.

BOOK 2425

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

Chains

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

1/4 in N.  
S 30 in W.  
S 29 in E.  
1915 in S.

From which a

Palo verde 8 ins. dia., brs. S. 48° E., 75 lks. dist.,  
mkd. 1/4 S 29 B T.

Palo verde 6 ins. dia., brs. W. 65 lks. dist.,  
mkd. 1/4 S 30 B T.

80.28

The proportional point for the cor. of secs. 19, 20,  
29, 30

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

T 16 S S 19 in NW.  
R 13 E S 20 in NE.  
S 29 in SE.  
S 30 in SW.  
1915 in S.

From which a

Palo verde 6 ins. dia., brs. N. 66° E., 150 lks. dist.,  
mkd. T 16 S R 13 E S 20 B T.

Palo verde 5 ins. dia., brs. S. 72° 45' E., 109 lks. dist.,  
mkd. T 16 S R 13 E S 29 B T.

Palo verde 8 ins. dia., brs. S. 78 1/2° W., 110 lks. dist.,  
mkd. T 16 S R 13 E S 30 B T.

Palo verde 6 ins. dia., brs. N. 26 1/2° W., 132 lks. dist.,  
mkd. T 16 S R 13 E S 19 B T.

Land, rolling.  
Soil, 3rd rate.  
Timber, scattered mesquite and palo verde, 80.28 chs.  
Mesquite and palo verde brush and cactus, 80.28 chs.

Thence N. 89° 25' E. on a true line bet. secs. 20  
and 29.

Over rolling land, sloping gradually towards NE.,  
through scattered mesquite, palo verde and cactus.

12.40

Wash, 10 lks. wide, course NE.

40.34

The proportional point for the 1/4 sec. cor. bet. secs.  
20 and 29.

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

1/4 in W.  
S 20 in N.  
S 29 1915 in S.

From which a

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

Chains

Palo verde 6 ins. dia., brs. S. 24° 45' E., 26 lks. dist.,  
mkd.  $\frac{1}{4}$  S 29 B T.

Palo verde 8 ins. dia., brs. N. 31° W., 87 lks. dist.,  
mkd.  $\frac{1}{4}$  S 20 B T.

43.10 Wash, 20 lks. wide, course NE.

80.68 The cor. of secs. 20, 21, 28 and 29, previously described.

Land, rolling.  
Soil, 3rd rate.  
Timber, scattered mesquite and palo verde, 80.68 chs.  
Mesquite and palo verde brush and cactus, 80.68 chs.

May 19, 1915. At this cor. I set off 19° 40' N. on decl. arc, and at apparent noon, observe the sun on the meridian; the resulting lat. is 32° 2' which is the proper lat.

~~From the cor. of secs. 19, 20, 29 and 30, I run  
S. 89° 1' W. on a true line bet. secs. 19 and 30.~~

~~Over rolling land, sloping gradually towards NE.,  
through scattered mesquite, palo verde and cactus.~~

~~6.50 Wash, 10 lks. wide, course NE.~~

~~17.90 Wash, 15 lks. wide, course NE.~~

~~38.50 Wash, 30 lks. wide, course NE.~~

~~40.00 Set an iron post 1 in. dia., for  $\frac{1}{4}$  sec. cor. bet.  
secs. 19 and 30, stamped on cap~~

~~$\frac{1}{4}$  in W.  
S 19 in N.  
S 30 1915 in S.~~

~~From which a~~

~~Mesquite 5 ins. dia., brs. N. 37 $\frac{1}{2}$ ° E., 88 lks. dist.,  
mkd.  $\frac{1}{4}$  S 19 B T.~~

~~Palo verde 6 ins. dia., brs. S. 17° 45' W., 85 lks. dist.,  
mkd.  $\frac{1}{4}$  S 30 B T.~~

~~75.60 Wash, 15 lks. wide, course NE.~~

~~79.60 The true point for the reestablished cor. of secs.  
19, 24, 25 and 30, on W. bdy. of tp., previously  
described.~~

~~Land, rolling.  
Soil, 3rd rate.  
Timber, scattered mesquite and palo verde, 79.60 chs.  
Mesquite and palo verde brush and cactus, 79.60 chs.~~

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

Chains

From the cor. of secs. 19, 20, 20 and 30, I run  
 N. 0° 14' E. on a true line bet. secs. 19 and 20.  
 Over rolling land, sloping gradually towards NE.,  
 through scattered mesquite, palo verde and cactus.

8.10 Wash, 10 lks. wide, course NE.

11.20 Wash, 15 lks. wide, course NE.

40.14 The old  $\frac{1}{4}$  sec. cor. bet. secs. 19 and 20, which is a  
 post 3 ins. square, well set and plainly mkd. " $\frac{1}{4}$  S" on  
 W. face.

N. and alongside set an iron post 1 in. dia., stamped  
 on cap

$\frac{1}{4}$  in N.  
 S 19 in W.  
 S 20 in E.  
 1915 in S.

No 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.

Land, rolling.

Soil, 3rd rate.

Timber, scattered mesquite and palo verde, 40.14 chs.

Mesquite and palo verde brush and cactus, 40.14 chs.

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Thence N. 0° 21' E. on a true line bet. secs. 19  
 and 20, N.  $\frac{1}{2}$ .

Over rolling land, sloping gradually towards NE., through  
 scattered mesquite, palo verde and cactus.

16.30 Wash, 30 lks. wide, course NE.

39.90 The proportional point for the cor. of secs. 17, 18,  
 19 and 20.

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

T 16 S S 18 in NW.  
 R 13 E S 17 in NE.  
 S 20 in SE.  
 S 19 in SW.  
 1915 in S.

From which a

Mesquite 12 ins. dia., brs. N.  $24\frac{1}{2}$ ° E., 80 lks. dist.,  
 mkd. T 16 S R 13 E S 17 B T.

Mesquite 5 ins. dia., brs. S.  $38\frac{1}{2}$ ° E., 163 lks. dist.,  
 mkd. T 16 S R 13 E S 20 B T.

Mesquite 8 ins. dia., brs. S. 56° W., 212 lks. dist.,  
 mkd. T 16 S R 13 E S 19 B T.

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

Chains

Palo verde 10 ins. dia., brs. N. 66° W., 173 lks. dist.,  
mkd. T 16 S R 13 E S 18 B T.

Land, rolling.  
Soil, 3rd rate.  
Timber, scattered mesquite and palo verde, 39.90 chs.  
Mesquite and palo verde brush and cactus, 39.90 chs.

May 19, 1915.

May 20, 1915. At 8<sup>h</sup> 0<sup>m</sup> a.m., l.m.t., I set off 32° 2½' on lat. arc, and 19° 51' N. on decl. arc, and determine a meridian with the solar at the cor. of secs. 17, 18, 19 and 20.

Thence S. 89° 33' E. on a true line bet. secs. 17 and 20.

6.80 Wash, 10 lks. wide, course NE.

39.83 The point for the ¼ sec. cor. bet. secs. 17 and 20, as established from old B. T.

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

¼ in W.  
S 17 in N.  
S 20 1915 in S.

From which a

Mesquite 6 ins. dia., brs. S. 10° W., 68 lks. dist.,  
mkd. ¼ S 20 B T.

Old B. T. a

Mesquite 10 ins. dia., brs. N. 49½° W., 92 lks. dist.,  
mkd. "¼ S"

Land, rolling.  
Soil, 3rd rate.  
Timber, scattered mesquite and palo verde, 39.83 chs.  
Mesquite and palo verde brush and cactus, 39.83 chs.

Thence N. 89° 14' E. on a true line bet. secs. 17 and 20, E. ½.

Over rolling land, sloping gradually towards NE., through scattered mesquite, palo verde and cactus.

1.40 Wash, 30 lks. wide, course NE.

14.00 Wash. 10 lks. wide, course NE.

40.17 The cor. of secs. 16, 17, 20 and 21, previously described.

Land, rolling.  
Soil, 3rd rate.  
Timber, scattered mesquite and palo verde, 40.17 chs.  
Mesquite and palo verde brush and cactus, 40.17 chs.

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

Chains

~~From the cor. of secs. 17, 18, 19 and 20, I run~~  
~~S. 89° 00' W. on a true line bet. secs. 18 and 19.~~  
~~Over rolling land, sloping gradually towards NE.,~~  
~~through scattered mesquite, palo verde and cactus.~~

~~2.10 Wash, 20 lks. wide, course NE.~~  
~~26.30 Wash, 15 lks. wide, course NE.~~  
~~34.60 Wash, 10 lks. wide, course NE.~~  
~~39.30 Wash, 20 lks. wide, course NE.~~  
~~40.00 Set an iron post 1 in. dia., for  $\frac{1}{4}$  sec. cor. bet.~~  
~~secs. 18 and 19, stamped on cap~~  
 ~~$\frac{1}{4}$  in W.~~  
~~S 18 in N.~~  
~~S 19 1915 in S.~~

~~From which a~~  
~~Mesquite 5 ins. dia., brs. S. 29° W., 56 lks. dist.,~~  
~~mkd.  $\frac{1}{4}$  S 19 B T.~~  
~~Mesquite 4 ins. dia., brs. N. 84 $\frac{1}{2}$ ° W., 73 lks. dist.,~~  
~~mkd.  $\frac{1}{4}$  S 19 B T.~~

~~54.20 Wash, 20 lks. wide, course NE.~~  
~~69.10 Wash, 20 lks. wide, course NE.~~  
~~76.40 Wash, 15 lks. wide, course NE.~~  
~~80.26 The reestablished cor. of secs. 13, 18, 19 and 24, on~~  
~~W. bdy. of tp., previously described.~~

~~Land, rolling.~~  
~~Soil, 3rd rate.~~  
~~Timber, scattered mesquite and palo verde, 80.20 chs.~~  
~~Mesquite and palo verde brush and cactus, 80.20 chs.~~

~~May 20, 1915. At this cor. I set off 19° 52 $\frac{1}{2}$ ' N. on~~  
~~decl. arc, and at apparent noon observe the sun on the~~  
~~meridian; the resulting lat. is 32° 2 $\frac{1}{2}$ ' which is the~~  
~~proper lat.~~

From the cor. of secs. 17, 18, 19 and 20, I run  
N. 0° 21' E. on a true line bet. secs. 17 and 18.  
Over rolling land, sloping gradually towards NE.,  
through scattered mesquite, palo verde and cactus.

2.00 Wash, 20 lks. wide, course NE.

Seeing that the true point for  $\frac{1}{4}$  sec. cor. will fall  
in wash, therefore at -

39.60 Set an iron post 1 in. dia., for W. C. to  $\frac{1}{4}$  sec. cor.  
bet. secs. 17 and 18, stamped on cap

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

Chains

W C 1/4 in N.  
S 18 in W.  
S 17 in E.  
1915 in S.

From which a

Mesquite 6 ins. dia., brs. N. 65 1/2° E., 71 lks. dist.,  
mkd. 1/4 S 17 W C B T.

Mesquite 6 ins. dia., brs. N. 23 1/4° W., 75 lks. dist.,  
mkd. 1/4 S 18 W C B T.

39.90 The proportional true point for 1/4 sec. cor. bet.  
secs. 17 and 18, in wash, 20 lks. wide, course NE.

57.60 Wash, 30 lks. wide, course NE.

79.80 The old cor. of secs. 7, 8, 17 and 18, which is a  
post 4 ins. square, well set and plainly mkd. -

T XVI S VIII on NE.  
R XIII E XVII on SE.  
XVIII on SW.  
VII on NW.

N. and alongside set an iron post 2 ins. dia., stamped  
on cap

T 16 S S 7 in NW.  
R 13 E S 8 in NE.  
S 17 in SE.  
S 18 in SW.  
1915 in S.

From which a

Mesquite 5 ins. dia., brs. N. 53° E., 321 lks. dist.,  
mkd. T 16 S R 13 E S 8 B T.

Mesquite 6 ins. dia., brs. S. 31° 45' E., 38 lks. dist.,  
mkd. T 16 S R 13 E S 17 B T.

Palo verde 6 ins. dia., brs. N. 23° W., 80 lks. dist.,  
mkd. T 16 S R 13 E S 7 B T.

No other B. T. available.

Dig pits 18 x 18 x 12 ins. in each sec. 5 1/2 ft. dist.,  
and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high,  
W. of cor.

Land, rolling.  
Soil, 3rd rate.  
Timber, scattered mesquite and palo verde, 79.80 chs.  
Mesquite and palo verde brush and cactus, 79.80 chs.

Thence S. 89° 21' E. on a true line bet. secs. 8 and 17.

Over rolling land, sloping gradually towards NE.,  
through scattered mesquite, palo verde and cactus.

20.20 Wash, 30 lks. wide, course NE.



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

Chains

32.70 Wash, 20 lks. wide, course NE.

39.37 The proportional point for  $\frac{1}{4}$  sec. cor. bet. secs. 8 and 17.

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

$\frac{1}{4}$  in W.  
8 8 in N.  
8 17 1915 in S.

No B. T.s available.

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.

78.74 The cor. of secs. 8, 9, 16 and 17, previously described.

Land, rolling.  
Soil, 3rd rate.  
Timber, scattered mesquite and palo verde, 78.74 chs.  
Mesquite and palo verde brush and cactus, 78.74 chs.

May 20, 1915.

~~May 21, 1915. At 9h 0<sup>m</sup> a.m., l.m.t., I set off  $32^{\circ} 31'$  on lat. arc, and  $20^{\circ} 3\frac{1}{2}'$  N. on decl. arc, and determine a meridian with the solar at the cor. of secs. 7, 8, 17 and 18.~~

~~Thence I run~~

~~S.  $89^{\circ} 15'$  W. on a true line bet. secs. 7 and 18.~~

~~Over rolling land, sloping gradually towards NE., through scattered mesquite, palo verde and cactus.~~

~~12.30 Wash, 30 lks. wide, course NE.~~

~~20.10 Wash, 10 lks. wide, course NE.~~

~~35.90 Wash, 30 lks. wide, course NE.~~

~~40.00 Set an iron post 1 in. dia., for  $\frac{1}{4}$  sec. cor. bet. secs. 7 and 18, stamped on cap~~

~~$\frac{1}{4}$  in W.  
S 7 in N.  
S 18 1915 in S.~~

~~From which a~~

~~Mesquite 3 ins. dia., brs. N.  $52\frac{1}{2}^{\circ}$  E., 181 lks. dist., mkd.  $\frac{1}{4}$  S 7 B T.~~

~~Palo verde 8 ins. dia., brs. E.  $46^{\circ}$  W., 119 lks. dist., mkd.  $\frac{1}{4}$  S 18 B T.~~

~~53.30 Wash, 20 lks. wide, course NE.~~

~~62.30 Wash, 10 lks. wide, course NE.~~

~~69.80 Wash, 15 lks. wide, course NE.~~

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

Chains

~~75.80 Road, Tucson to Nogales, brs. NE. & SW.~~

~~80.90 The reestablished cor. of secs. 7, 12, 13 and 18, on W. bdy. of tp., previously described.~~

~~Land, rolling.~~

~~Soil, 3rd rate.~~

~~Timber, scattered mesquite and palo verde, 80.90 chs.~~

~~Mesquite and palo verde brush and cactus, 80.90 chs.~~

From the cor. of secs. 7, 8, 17 and 18, I run

N. 1° 11' W. on a true line bet. secs. 7 and 8.

7.40 Wash, 30 lks. wide, course NE.

19.90 Wash, 15 lks. wide, course NE.

39.63 The proportional point for  $\frac{1}{4}$  sec. cor. bet. secs. 7 and 8.

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

$\frac{1}{4}$  in N.  
S 7 in W.  
S 8 in E.  
1915 in S.

From which a

Mesquite 6 ins. dia., brs. S. 54 $\frac{1}{2}$ ° E., 137 lks. dist., mkd.  $\frac{1}{4}$  S 8 B T.

Mesquite 10 ins. dia., brs. N. 84° W., 128 lks. dist., mkd.  $\frac{1}{4}$  S 7 B T.

44.30 Enter wash; course N. from S. 10° W.

46.80 Leave wash, N. 20° E. from S.

60.10 Wash, 20 lks. wide, course NE.

79.26 The point for cor. of secs. 5, 6, 7 and 8, as established from stump of old B. T.

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

T 16 S S 6 in NW.  
R 13 E S 5 in NE.  
S 8 in SE.  
S 7 in SW.  
1915 in S.

From which stump of old B. T. a

Mesquite 14 ins. dia., brs. N. 8 $\frac{1}{2}$ ° E., 120 lks. dist., cut off close to ground but showing signs of old blaze. From this stump located point for cor. on slight elevation which was probably the old mound; evidence of pits NE. & SW. visible.

No other trees in the vicinity and no signs of any other of reported diam., therefore, I conclude that reestablished point for the cor. of secs. 5, 6, 7 and 8, is correct.

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

Chains

Dig pits 18 x 18 x 12 ins. in each sec. 5 1/4 ft. dist.,  
and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high,  
W. of cor.

Land, rolling.  
Soil, 3rd rate.  
Timber, scattered mesquite and palo verde, 79.26 chs.  
Mesquite and palo verde brush and cactus, 79.26 chs.

Thence S. 89° 57' E. on a true line bet. secs. 5 and  
8, W. 1/4.

Over nearly level land, sloping gradually towards NE.,  
through scattered mesquite, palo verde and cactus.

18.80 Wash, 40 lks. wide, course NE.

40.29 The old 1/4 sec. cor. bet. secs. 5 and 8, which is a  
post 3 ins. square, well set and plainly mkd. "1/4 S"  
on N. face.

N. and alongside set an iron post 1 in. dia., stamped  
on cap

1/4 in W.  
S 5 in N.  
S 8 1915 in S.

From which a

Mesquite 5 ins. dia., brs. S. 36 1/4° E., 218 lks. dist.,  
mkd. 1/4 S 8 B T.

Mesquite 4 ins. dia., brs. N. 1 1/4° W., 84 lks. dist.,  
mkd. 1/4 S 5 B T.

Land, rolling.  
Soil, 3rd rate.  
Timber, scattered mesquite and palo verde, 40.29 chs.  
Mesquite and palo verde brush and cactus, 40.29 chs.

May 21, 1915. At this cor. I set off 20° 5' N. on  
decl. arc, and at apparent noon observe the sun on  
the meridian; the resulting lat. is 32° 4' which  
is the proper lat.

Thence N. 87° 51' E. on a true line bet. secs. 5  
and 8, E. 1/4.

Over nearly level land, sloping gradually towards Ne.,  
through scattered mesquite, palo verde and cactus.

15.00 Wash, 30 lks. wide, course NE.

32.30 Wash, 15 lks. wide, course NE.

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

Land, level.  
Soil, 3rd rate.  
Timber, scattered mesquite and palo verde, 40.07 chs.  
Mesquite and palo verde brush and cactus, 40.07 chs.

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

Chains

~~From the cor. of secs. 5, 6, 7 and 8, I run~~  
~~S. 89° 47' W. on a true line bet. secs. 6 and 7.~~  
~~Over nearly level land, sloping gradually towards NE.,~~  
~~through scattered mesquite, palo verde and cactus.~~

~~19.50 Road, Tucson to Nogales, brs. NE. & SW.~~

~~40.00 Set an iron post 1 in. dia., for 1/4 sec. cor. bet.~~  
~~secs. 6 and 7, stamped on cap~~

~~1/4 in W.~~  
~~S 6 in W.~~  
~~S 7 1915 in S.~~

~~From which a~~

~~Mesquite 6 ins. dia., brs. S. 81 1/4° E., 79 lks. dist.,~~  
~~mkd. 1/4 S 7 B T.~~

~~Mesquite 8 ins. dia., brs. N. 10 1/4° W., 44 lks. dist.,~~  
~~mkd. 1/4 S 6 B T.~~

~~44.10 Wash, 30 lks. wide, course NE.~~

~~76.50 Wash, 20 lks. wide, course NE.~~

~~79.34 The reestablished cor. of secs. 1, 6, 7 and 12, on~~  
~~W. bdy. of tp., previously described.~~

~~Land, nearly level.~~  
~~Soil, 3rd rate.~~  
~~Timber, scattered mesquite and palo verde, 79.34 chs.~~  
~~Mesquite and palo verde brush and cactus, 79.34 chs.~~

19.50  
40.00  
44.10  
76.50  
79.34

From the cor. of secs. 5, 6, 7 and 8, I run  
N. 0° 1' E. on a true line bet. secs. 5 and 6.  
Over nearly level land, sloping gradually towards NE.,  
through scattered mesquite, palo verde and cactus.

13.40 Wash, 10 lks. wide, course NE.

37.50 Road, Tucson to Nogales, brs. NE. and SW.

39.87 The proportional point for 1/4 sec. cor. bet. secs. 5 and 6.  
Set an iron post 1 in. dia., stamped on cap

1/4 in N.  
S 6 in W.  
S 5 in E.  
1915 in S.

From which a

Mesquite 5 ins. dia., brs. S. 52° 45' E., 68 lks. dist.,  
mkd. 1/4 S 5 B T.

Mesquite 4 ins. dia., brs. N. 65° 45' W., 61 lks. dist.,  
mkd. 1/4 S 6 B T.

13.40  
37.50  
39.87

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

## Chains

- 41.20 Wash, 20 lks. wide, course NE.
- 46.60 Wash, 10 lks. wide, course E.
- 72.40 Road, brs. E. & W.
- 76.20 Wash, 30 lks. wide, course E.
- 89.36 The old C. C. of secs. 5 and 6, which is a post 4 ins. square, well set and a mound of stone, plainly mkd. -
- C C T XVI S R XIII E on S.  
V on E.  
VI on W.
- From this old C. C. I project the line bet. secs. 5 and 6, N.  $0^{\circ} 1'$  E. (the bearing from the cor. of secs. 5, 6, 7 and 8 to old C. C.) 1.84 chs. to an intersect with 3rd Standard Parallel S., or at -
- 91.20 Intersect 3rd Standard Parallel S., at a point 1.20 chs. S.  $88^{\circ} 45'$  W. from the S. C. of secs. 31 and 32.
- Set an iron post 2 ins. dia., stamped on cap
- T 15 S R 13 E S in N.  
S 6 T 16 S in SW.  
S 5 R 13 E in SE.  
C C 1915 in S.
- Post set 6 ins. in ground, with mound of stone around.
- No suitable B. T.s available.

May 21, 1915.

## GENERAL DESCRIPTION.

This fractional township contains two varieties of land. The northeast corner being level bottom land. Soil of rich black loam of 1st rate. A rocky spur of "Black mountain" extends into the northern half of secs. 5 and 6. The remainder of the township is gently rolling, sloping gently towards NE. Soil of sandy loam, 2nd and 3rd rate.

The bottom land is covered with dense mesquite timber, mesquite brush and cactus. The remainder is covered with scattered mesquite and palo verde timber, mesquite and palo verde brush and cactus.

The Santa Cruz River runs through the eastern half of the township, mostly on top of the ground with no definite channels before it crosses the 3rd Standard Parallel S. The west fork being the old channel and the east fork being the newer, which is well defined and will probably become the main channel, having started about 15 years ago, cutting back from Tucson. If sufficient water could be developed, the immediate valley of the Santa Cruz would produce an abundance of various crops.

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

Chains

The "valley road" from Tucson to Nogales runs through the eastern half of the tp., practically paralleling the river.

The "hill road" between the above mentioned places runs through secs. 5, 6, 7 and 18.

The pumping station for land under irrigation in T. 15 S., R. 13 E., is situated on right bank of old channel of Santa Cruz River about 10 chs. SE. from S. C. of secs. 34 and 35.

Paralleling the valley road on its east side is a fence, under which the Indians try to hold their stock. This fence also encloses the valuable part of the valley, not only for its agricultural worth, but for the value of the timber therein.

There are no settlers or other improvements.

Charles M. Leedy,

U. S. Surveyor.

Denver, Colorado, *June 27-1916.*

I hereby certify that the resurvey of subdivision lines in T. 16 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.

CERTIFICATE OF ASSISTANTS.

We, the undersigned, hereby certify upon honor that we assisted, to the best of our skill and ability, \_\_\_\_\_, U. S. Surveyor, during the periods and in the capacities stated opposite our several signatures, in surveying all those parts or portions of \_\_\_\_\_

For certificate of assistants 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 him, and under his direction; and that said survey has been, in all respects, to the best of our knowledge and belief, well and faithfully executed.

Table with 3 columns: NAME, PERIOD OF SERVICE (BEGUN, ENDED), and CAPACITY. The table contains multiple rows for recording assistant data.

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



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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 \_\_\_\_\_



EGP.

APPROVAL.

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

Washington, D.C., May 5, 1921

The foregoing field notes of the <sup>re</sup> survey of \_\_\_\_\_ subdivision lines in T. 16 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, Oct. 6, 1914, having been under his special instructions dated \_\_\_\_\_, critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved.

(Signed) William Spry  
~~U.S. Surveyor General~~  
Commissioner of the General Land Office

I certify that the foregoing transcript of the field notes of the above-described surveys in T. 16 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