

Book "L"
Subdivisions
FIELD NOTES

BOOK 2777

OF THE SURVEY OF THE

COMPLETION OF THE

SUBDIVISION LINES

RETRACEMENT OF PART OF EAST BDY. (ARIZ.-NEW MEX. STATE LINE)

& RESURVEY OF

PART OF THE SUBDIVISION LINES

OF FRACTIONAL TOWNSHIP 8 SOUTH, RANGE 32 EAST

Of the Gila and Salt River Base and Meridian,

In the State of ARIZONA

EXECUTED BY

WILLIAM B. KIMMEL

In the capacity of U. S. Surveyor, under instructions dated September 19, 1912, issued by the United States Surveyor General to govern surveys included in Group No. 26, which were approved by the Commissioner of the General Land Office, September 27, 1912, pursuant to authority contained in the Act of Congress dated June 23, 1913.

Survey & ReSurvey commenced May 4, 1914

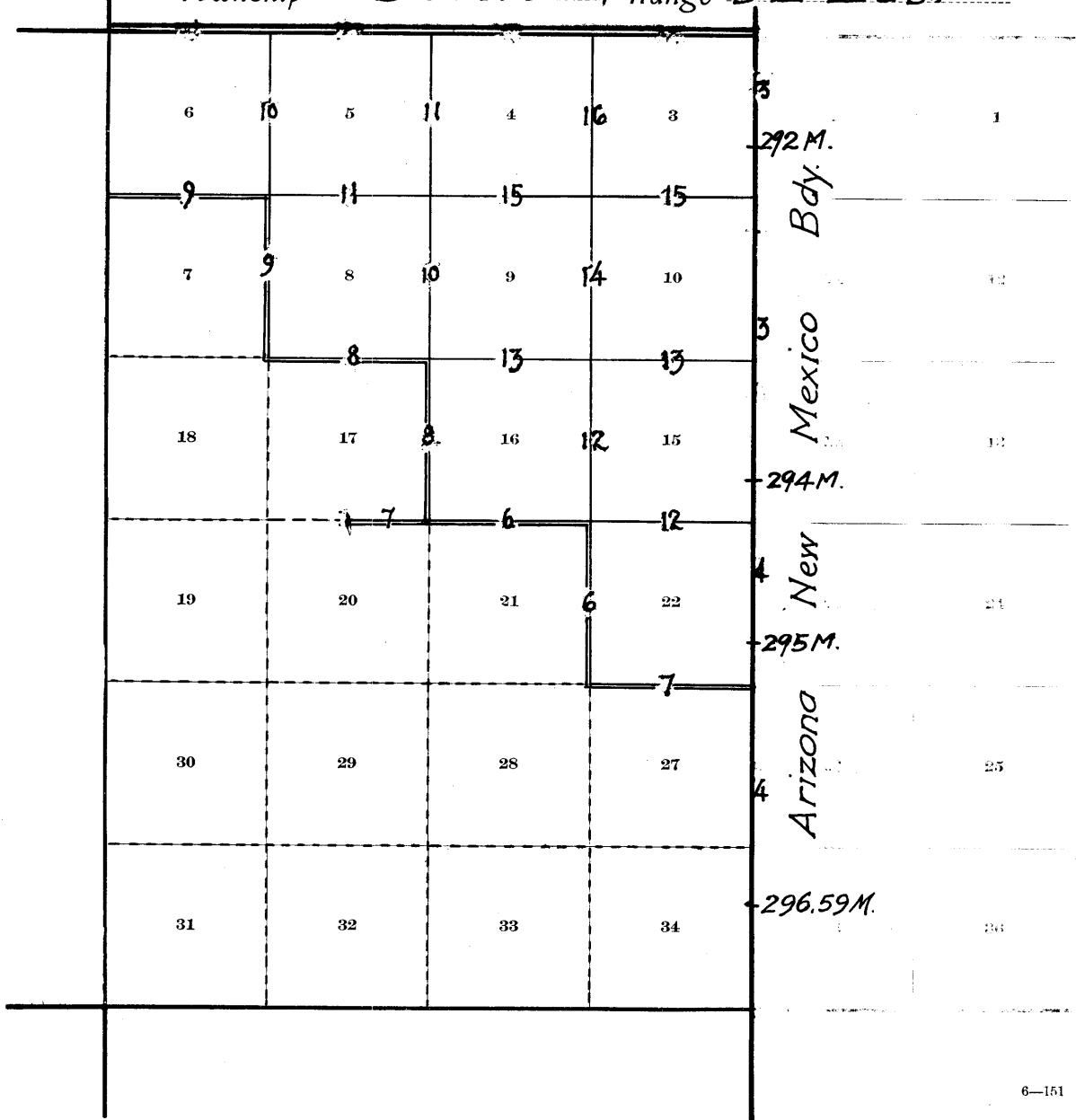
Survey & ReSurvey completed May 14, 1914

Book "L"

BOOK 2777

INDEX DIAGRAM.

Frac.
Township 8 South, Range 32 East



6-151

- Subdivision Lines run under former Survey.
- ==== Subdivision Lines resurveyed under this Group.
- Notes in Book "A"

Retracement of part of Subdivision lines of frac.T.8 S. R.32 E.

16

Chains.

Retracement commenced May 4, 1914, and executed with a Young and Sons light mountain transit No.8541, with Smith solar attachment. For description of this instrument, and Certificate of Approval, see Book "A."

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

At camp near the center of the SE. $\frac{1}{4}$ of sec.8, of frac.T. 8 S., R.32 E.; latitude, $32^{\circ} 44\frac{1}{2}'$ N.; longitude, $109^{\circ} 5'$ W., I set off $32^{\circ} 44\frac{1}{2}'$ N. on the lat.arc; $15^{\circ} 58\frac{1}{2}'$ N. on the decl.arc, and at 5h.p.m., l.m.t., determine with the solar a meridian, and mark a point thereon by setting a flag firmly in the ground, about 6 chs. north of my station.

At 9h. 43m. p.m., by my watch, which is correct l.m.t., I observe Polaris in accordance with Manual of Instructions, and mark a point in the line thus determined, on a peg driven in the ground, about 6 chs. north of the same station.

May 4, 1914.

May 5, 1914: At 6h. 30m. a.m., l.m.t., I lay off the azimuth of Polaris $0^{\circ} 20'$ to the east, which is the azimuth corresponding to an hour angle of 0h.57m., the point falling on flag set by solar observation yesterday.

At 6h. 33m. a.m., l.m.t., I set off $32^{\circ} 44\frac{1}{2}'$ N. on the lat. arc; $16^{\circ} 8\frac{1}{2}'$ N. on the decl.arc; and determine with the solar a meridian, which agrees with the p.m. observation of May 4, 1914; therefore, I conclude that the adjustments of the instrument are satisfactory.

The magnetic decl. of the true meridian, at 6h.30m.a.m., is $13^{\circ} 10'$ E.

I test the stadia wire interval by setting rod 801.6 lks. from my station; the rod reading is 4.000 ft., which is correct.

At 8h. a.m., l.m.t., I set off $32^{\circ} 43\frac{1}{2}'$ N. on the lat.arc; $16^{\circ} 8\frac{1}{2}'$ N. on the decl.arc; and determine a meridian with the solar at the original $\frac{1}{4}$ sec.cor. bet; secs. 17 and 20, which is a stone 6x8x8 ins. protruding from a mound of stone, marked $\frac{1}{4}$ on the N.face.

Thence I run, East, on retracement, bet. secs. 17 and 20, on east half mile.

40.00 No old corner found; set temp cor. for secs.16,17,20 and 21.

Thence I run, East, on retracement, bet. secs.16 and 21.

40.00 No old corner found; set temp. $\frac{1}{4}$ sec.cor.

80.00 No old corner found; set temp. corner for secs.15,16,21 and 22.

Thence I run, South, on retracement, bet. secs.21 and 22.

40.00 No old corner found; set temp. $\frac{1}{4}$ sec.cor.

80.17 Fall 9 lks.east of the original cor.to secs. 21,22,27 and 28, which is a stone, 8x6x8 ins. above ground, marked with 2 notches on the S. and 3 notches on the east edge, at the cor.of wire fence, brs.S and E. Pits and mound are obliterated.

Thence I run, East, on retracement, bet. secs.22 and 27.

40.00 No trace of original $\frac{1}{4}$ sec.cor. can be found.

79.70 No trace of original closing corner to secs.22 and 27 can be found. Set temp. closing corner May 5, 1914.

(2) Retracement of part of Subdivision lines of frac. T. 8 S., R. 32 E.

Chains.

May 6, 1914: At 7h.30m. a.m., l.m.t., I set off $32^{\circ}43\frac{1}{2}'$ N. on the lat.arc; $16^{\circ}26\frac{1}{2}'$ N. on the decl.arc, and determine a meridian with the solar at the temp.cor. of secs.16,17,20 and 21.

Thence I run,
North, on retracement, bet. secs.16 and 17.

40.00 No old corner found; set temp. $\frac{1}{4}$ sec.cor.
80.00 No old corner found, set temp. cor. for secs.8,9,16 and 17.

Thence I run,
West, on retracement, bet. secs.8 and 17.

39.925 No old corner found; set temp. $\frac{1}{4}$ sec.cor.
79.99 Fall 35 lks.S. of the true point for cor. of secs.7,8,17 and 18, which is at the intersection of the county road, bears S. and W.

Thence I run,
North on retracement, bet. secs.7 and 8.

40.00 No old cor. found. Note: At this point, May 6, 1914, I set off $16^{\circ}28'$ N. on the decl.arc; and at apparent noon, I observe the sun on the meridian; the resulting lat. is $33^{\circ}45'$ N. Set temp. $\frac{1}{4}$ sec.cor.
80.00 No old corner found; set temp. cor. for secs.5,6,7 and 8.

Thence I run,
West, on retracement, bet. secs.6 and 7.

40.00 No old cor. found; set temp. $\frac{1}{4}$ sec.cor.
80.11 Intersect west bdy. of the township, 14 lks.north of the original corner of secs.1,6, 7 and 12, which is a sandstone $8x4x10$ ins. above ground, marked with 5 notches on the S. and 1 notch on the N. edge (indication of pits) I raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high, west of corner. Pits impracticable.

May 6, 1914.

Retracement of Arizona-New Mexico Edy. from Mon. 291 to Mon. 296.59 (3)

Chains

May 9, 1914: At 7h.50m. a.m., l.m.t., I set off $32^{\circ}46\frac{1}{2}'$ N. on the lat. arc; $17^{\circ}15'$ N. on the decl. arc; and determine a true meridian with the solar, at the original 291 mile cor., a granite stone 11x5x12 ins. above ground, marked

N M in E., and
291 on N. side; other marks indistinct.

Thence I run, South, on retracement of the 292nd mile. Through dense undergrowth. Descend SE. slope, 110 ft.
2.99 A stone 12x4x10 ins. above ground, marked Arizona on the W.,

C C on the E., and
6 grooves on the N. and S. faces, with a mound of stone west of cor.

This is evidently a closing cor. to Ts. 17 and 18 S., R. 21 W., New Mexico.

10.20 Gulch, course west; ascend NW. slope, 60 ft. to
16.70 Ridge, brs. NE. and SW.; descend SE. slope, 105 ft. to
25.00 Draw, course SW.; ascend NW. slope, 40 ft. to
25.71 At this point, I establish the closing cor. to frac. Ts. 7 and 8 S., R. 32 E., Arizona, as described in Book "A."
31.30 Spur, slopes SW.; descend SE. slope, 80 ft. to
44.70 Draw, course SW.; ascend NW. slope, 70 ft.
45.70 Wagon road brs. NE. and SW.
59.70 Ridge, brs. NE. and SW.; descend SE. slope, 80 ft. to
67.70 Draw, course SW.; ascend NW. slope, 85 ft. to
78.70 Ridge, brs. NE. and SW.; descend SE. slope, 50 ft. to
81.28 Fall 2 lks. west of original 292 mile cor., which is a lava stone 14x14x14 ins. protruding from a mound of stone, marked

292 on N.,
N M on E., and
Ariz. on the W. side.

True course and dist. of this mile is therefore S. $0^{\circ}1'E.$, 81.28 chs.

Land, hilly.

Soil, sandy loam, gumbo, gravelly 2nd to 4th rate.

Timber, scattering cedar.

Undergrowth, dense greasewood, mesquite and cacti.

1.48 South, on retracement of the 293rd and 294th miles. Through dense undergrowth. Descend south slope, 40 ft. A stone 9x8x10 ins. above ground, marked, Arizona on the W.,

C C on the E.,
1 groove on the N., and
5 grooves on the S. face;

This is evidently the closing corner to secs. 6 and 7, T. 18 S., R. 21 W. New Mexico.

8.40 Draw, course west; ascend NW. slope, 100 ft. to
22.40 Ridge, brs. E. and W.; descend south slope, 75 ft. to
35.40 Draw, course SW.; thence over rolling hills, draining west.
60.90 Draw, course west.
64.40 Draw, course west.
74.00 Draw, course west.
80.00 No trace of original 293 mile cor.
81.40 Draw, course west; ascend.
82.94 Fall 7 lks. west of a stone, 4x6x12 ins. above ground, marked

C C on the E.,
Arizona on the W.,
2 grooves on N., and
4 grooves on S. face.

This is evidently closing corner to secs. 7 and 18, T. 18 S., R. 21 W., New Mexico.

116.40 Long low ridge, brs. E. and W.
128.40 Wash, 40 lks. wide, 2 ft. deep, course W.

4. Retracement of Ariz.-New Mexico bdy. from Mon. 291 to Mon. 296.59

Chains.

- 135.40 Wash, 60 lks. wide, 1 ft. deep, course W.
 141.40 Wash, 30 lks. wide, 2 ft. deep, course W.
 148.25 Sharp gravelly ridge, 70 ft. high, brs. E. and W.
 151.45 Wash, 20 lks. wide, 3 ft. deep, course W.
 161.87 Fall 3 lks. east of the original 294 mile cor., which is a lava stone, 10x5x16 ins. above ground, marked
 294 on N.,
 N M on E.,
 Arizona on W., and
 32 W L on S. side, in a mound of stone.
 True course and dist. bet. Mons. 292 and 294 is therefore S. 0° 00' $\frac{1}{2}$ W., 161.87 chs.
 Land, hilly.
 Soil, sandy loam, gumbo, gravelly, 2nd to 4th rate.
 No timber.
 Undergrowth, dense greasewood, mesquite and cacti.
-
- South, on retracement of the 295th mile.
 Over rolling hills, through dense undergrowth.
 1.25 A stone 10x6x11 ins. above ground, marked
 C C on E.,
 Ariz. on the W., and
 3 grooves on N. and S. face;
 this is evidently closing cor. to secs. 18 and 19, T. 18 S. R. 21 W. New Mexico.
 40.60 Wash, 100 lks. wide, 5 ft. deep, course SW.
 46.60 Sharp spur ridge, slopes west.
 62.60 Wash, 40 lks. wide, 2 ft. deep, course SW.; ascend NW. slope, 130 ft. to.
 70.60 Enter mesa, brs. NE and SW.
 80.85 Fall 8 lks. west of the original 295 mile cor., which is a granite stone, 10x10x10 ins. above ground, marked
 295 on N.,
 N M on E.,
 32° W L on S., and
 Ariz. on W. side.
 True course and dist. of this mile is S. 0° 3' E., 80.85 chs.
 Land, hilly.
 Soil, sandy loam, gumbo, gravelly, 3rd and 4th rate.
 No timber.
 Undergrowth, dense greasewood and cacti.
-
- South, on retracement of the 296th, and part of the 297th mile.
 Over mesa, through scattering undergrowth.
 1.02 A stone 6x8x8 ins. above ground, marked
 C C on the E.,
 Ariz. on the W.,
 4 grooves on the N., and
 2 grooves on the S. face.
 This is evidently closing corner to secs. 19 and 30, T. 18 S., R. 21 W. New Mexico.
 7.10 Wire fence, brs. E. and W.; leave mesa, brs. E. and W.; descend over rolling hills, sloping south.
 22.67 The temp. closing cor. for secs. 22 and 27, T. 8 S., R. 32 E. set by me in retracing part of the Subdivision lines of said Tp., as hereinbefore noted.
 50.30 Wash, 30 lks. wide, 2 ft. deep, course W., 150 ft. below mesa; continue over rolling land.
 60.60 Draw, course west.
 78.23 Wire fence brs. NE and SW.
 81.06 Fall 4 lks. east of a granite stone, 16x10x18 ins. above ground, not marked. Evidently closing cor. to secs. 30 and 31, T. 18 S., R. 21 W., New Mexico.

Retracem~~t~~ of Ariz-New Mexico bdy. from Mon. 291 to Mon. 296.59 5.

Chains.

102.67 Fall 12 lks. east of a wash boulder 12x9x10 ins. above ground, marked
 1 groove on the S., and
 2 grooves on the E. face; with a mound of stone north. This is at the true point for closing cor. of secs. 27, and 34, T. 8 S., R. 32 E., Arizona, but does not correspond to description of original cor., nor is it properly marked.

127.50 Wagon road, brs. NW. and SE.

128.87 Fall 4 lks. E. of Astronomical Monument 296.59 (witness monument), which is a wash boulder 40x30x22 ins., marked on upper side,
 W C A S 32° 41' 19" N L 1875 296.59; on the opposite or lower side N M. This old cor. I find alongside an iron post, 4 ins. in diam., 15 ins. above ground, marked on brass cap,

U S G S
 ELEV
 3736 ft.

True course and dist. bet. Mon. 295 and Mon. 296.59 is therefore S. 0° 1' W., 128.87 chs.

Land, hilly and rolling.
 Soil, sandy loam, gumbo, gravelly, 2nd to 4th rate.
 No timber.
 Undergrowth, scattering greasewood and cacti.
 May 9, 1914.

Note: For Table of latitudes, departures and closing errors of frac. T. 8 S., R. 32 E., see notes of survey of N. bdy. of said Tp. in Book "A."



6. Resurvey of part of Subdivision lines frac. T. 8 S., R. 32 E.

Chains.

Note: I now proceed to the resurvey of the section lines retraced, preserving the distances set forth in the notes of the original survey. Courses as per result of retracement.

May 11, 1914:

N. 0° 7' E., on a true line, bet. secs. 21 and 22.

Over rolling hills, through scattering undergrowth.

9.00

Draw, 35 ft. deep, course west.

24.00

Draw, 50 ft. deep, course west.

40.00

Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground, for reestablished 1/4 sec. cor., marked on brass cap,

1914 on S. rim,
1/4 S 21 on W., and
S 22 on E. half;

raise a mound of stone 2 ft. base, 1 1/2 ft. high, west of corner. Pits impracticable.

49.00

Draw, 40 ft. deep, course west; ascend SE. slope; 105 ft. to

56.00

Top of ascent; thence along west slope.

63.00

Descend NW. slope, 115 ft. to

69.00

Gulch, course SW.; ascend S. slope, 85 ft. to

74.00

Top of ascent; thence along west slope.

80.00

Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in the ground, for the reestablished cor. of secs. 15, 16, 21 and 22, marked on brass cap,

1914 on S. rim,
T 8 S S 16 in NW.,
R 32 E S 15 in NE.,
S 22 in SE., and
S 21 in SW. quadrant;

raise a mound of stone 2 ft. base, 1 1/2 ft. high, west of corner. Pits impracticable.

Land, hilly.

Soil, sandy loam and gumbo, gravelly, 2nd and 3rd rate.

No timber.

Undergrowth, scattering, with patches of dense greasewood.

N. 89° 55' W., on a true line, bet. secs. 16 and 21.

Over hilly land, through scattering undergrowth.

.10

Draw, course S. 15° W.; ascend SE. slope, 90 ft.

.50

Trail, brs. NE. and SW.

5.70

Wire fence, brs. NE. and SW.

6.75

Short narrow spur, slopes SW.; descend W. slope, 140 ft. to

13.00

Foot of spur, brs. N. and S.; enter level land.

15.00

Wash, 40 lks. wide, 7 ft. deep, course SW.

24.00

Ascend SE. slope, 125 ft. to

32.00

Ridge, brs. NE. and SW.; descend west slope, 150 ft.

40.07

Set an iron post, 3 ft. long, 1 in. in diam., 10 ins. in the ground, on hardpan, supported by a mound of stone, for reestablished 1/4 sec. cor., marked on brass cap,

1914 on S. rim,
1/4 S 16 on N., and
S 21 on S. half;

raise a mound of stone 2 ft. base, 1 1/2 ft. high, north of corner. Pits impracticable.

48.00

Draw, course SW.; ascend SE. slope, 70 ft. to

54.00

Spur, slopes SW.; descend NW. slope, 85 ft. to

64.00

Enter level land, brs. NE. and SW.

80.01

Wire fence brs. N. 13° E., and S. 13° W.

80.14

Set an iron post 3 ft. long, 2 ins. in diam., 24 ins. in the ground, for reestablished cor. of secs. 16, 17, 20 and 21, marked on brass cap,

1914 on S. rim,
T 8 S S 17 in NW.,
R 32 E S 16 in NE.,
S 21 in SE., and
S 20 in SW. quadrant;

Chains.

- raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high, west of corner. Pits impracticable.
Land, level and hilly.
Soil, sandy loam and gumbo, gravelly, 1st to 3rd rate.
No timber.
Undergrowth, scattering, with patches of dense greasewood.
- To verify the position of the above described cor., I run,
South, on a blank line.
- 40.00 No old cor. found.
- 80.00 Intersect the center of county road, brs. E. and W. No old cor. found.
-
- N. $89^{\circ} 55' W.$, on a true line, bet. secs. 17 and 20.
Over level land, through scattering undergrowth.
- 7.50 Wash, 50 lks. wide, 10 ins. deep, course SW.
- 13.70 Wagon road brs. NE. and SW.
- 17.00 Leave level land, brs. NE. and SW.; thence over rolling land, slopes south.
- 39.94 The original $\frac{1}{4}$ sec. cor. hereinbefore described.
Land, level and rolling.
Soil, sandy loam and gumbo, gravelly, 1st to 3rd rate.
No timber.
Undergrowth, scattering greasewood.
-
- As original closing distance is undoubtedly erroneous, I dig pits 18x18x12 ins. in each sec. $5\frac{1}{2}$ ft. dist., and raise a mound of earth 4 ft. base, 2 ft. high, west of the orig. cor. of secs. 21, 22, 27 and 28, hereinbefore described. As original closing distance is undoubtedly erroneous, I run East, on a true line, bet. secs. 22 and 27.
Over rolling land, through scattering undergrowth, along fence north of line.
- 14.00 Draw, 30 ft. deep, course south,
- 27.75 Wash, 200 lks. wide, 10 ft. deep, course SW.
- 29.75 Enter level land, brs. NE. and SW.
- 38.00 Leave level land, brs. N. and S.; ascend west slope.
- 40.00 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground, for reestablished $\frac{1}{4}$ sec. cor., marked on brass cap,
1914 on S. rim,
 $\frac{1}{4}$ S 22 on N., and
S 27 on S. half;
raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high, north of corner. Pits impracticable.
Fence brs. E. and W., 7 lks. north.
- 42.00 Ascend NW. slope.
- 51.00 Spur ridge, slopes SW.; fence cor. brs. 15 lks. N., from which fence runs W. and NE., 140 ft. above 38.00 ch. point; descend SE. slope, 50 ft. to
- 58.00 Draw, course SW.; ascend SW. slope, 70 ft. to
- 66.00 Spur, slopes SW.; thence over rolling hills, sloping south.
- 79.70 Intersect the bdy. line bet. Arizona and New Mexico, 22.67 chs. S. $0^{\circ} 1' W.$, of the original 295 mile cor. hereinbefore described.
At point of intersection, set an iron post, 3 ft. long, 2 ins. in diam., 14 ins. in the ground, on hardpan, supported by a mound of stone, for the reestablished closing corner of secs. 22 and 27, marked on brass cap,
1914 on S. rim,
C C E of center,
N M in E. half;
T 8 S S 22 in NW., and
R 32 E S 27 in SW. quadrant;

8. Resurvey of part of Subdivision lines of Frac. T. 8 S. R. 32 E.

Chains.	<p>raise a mound of stone 3 ft. base, 2 ft. high, west of corner. Pits impracticable. Land, level and hilly. Soil, sandy loam, and gumbo, gravelly, 1st to 3rd rate. No timber. Undergrowth, scattering with patches of dense greasewood.</p>
15.00 40.00	<p>From the cor. of secs. 16, 17, 20 and 21, I run, N. 0° 3' W., on a true line, bet. secs. 16 and 17. Over level land, through scattering undergrowth. Wash, 100 lks. wide, 1 ft. deep, course SW. Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for reestablished $\frac{1}{4}$ sec. cor., marked on brass cap,</p>
71.50 76.50 80.00	<p>1914 on S. rim, $\frac{1}{4}$ S 17 on W., and S 16 on E. half; raise a mound of stone 2 ft. base, 1$\frac{1}{2}$ ft. high, west of corner. Pits impracticable. Wash, 75 lks. wide, 7 ft. deep, course SW. Wash, 200 lks. wide, 6 ins. deep, course W. Set an iron post 3 ft. long, 2 ins. in diam., 24 ins. in the ground, for the reestablished cor. of secs. 8, 9, 16 and 17, marked on brass cap, 1914 in S. rim, T 8 S S 8 in NW., R 32 E S 9 in NE., S 16 in SE., and S 17 in SW. quadrant; raise a mound of stone 2 ft. base, 1$\frac{1}{2}$ ft. high, west of corner. Pits impracticable. J. A. Hunter's house brs. N. 41$\frac{1}{2}$° W. from this corner. Land, level. Soil, sandy loam, and gumbo, gravelly, 1st and 2nd rate. No timber. Undergrowth, scattering greasewood and cacti.</p>
7.05 16.50 20.12 29.90 39.925	<p>N. 89° 45' W., on a true line, bet. secs. 8 and 17. Over level land, through scattering undergrowth. Wagon road brs. NE. and SW. Wash, 50 lks. wide, 6 ft. deep, course SW. Wire fence, brs. N. and S. Wagon road brs. NE. and SW. Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground, for reestablished $\frac{1}{4}$ sec. cor., marked on brass cap,</p>
40.10 52.40 60.10 79.56 79.85	<p>1914 on S. rim, $\frac{1}{4}$ S 8 on N., and S 17 on S. half; dig pits 18x18x12 ins., E. and W. of post, 3 ft. dist., and raise a mound of earth 3$\frac{1}{2}$ ft. base, 1$\frac{1}{2}$ ft. high, north of cor. J. A. Hunter's house brs. N. 33° E. J. A. Gamble's house, brs. N. 57$\frac{1}{4}$° W. Wire fence, brs. N. and S. Wash, 20 lks. wide, 2 ft. deep, course SW. Wire fence, brs. N. and S. Wire fence brs. N. and S. The true point for cor. of secs. 7, 8, 17 and 18 at intersection of county road brs. S. and W. Impracticable to reestablish cor. here. Land, level. Soil, sandy loam and gumbo, gravelly, 1st and 2nd rate. No timber. Undergrowth, scattering greasewood and cacti.</p>

Resurvey of part of Subdivision lines of frac. T.8 S., R.32 E. 9.

Chains.

From the true point for the cor.of secs.7,8,17 and 18,
I run,
N.0°1'E., on a true line, bet. secs.7 and 8.
Over level land, through scattering undergrowth.

.34 Wire fence, brs.E.and W., under which I set an iron post
3 ft.long, 2 ins. in diam., 24 ins. in the ground,for
witness corner to corner of secs.7,8,17 and 18, marked
on brass cap,
1914 on S.rim,
W C S of center,
T 8 S S 7 in NW.,
R 32 E S 8 in NE.,
S 17 in SE., and
S 18 in SW.quadrant;
raise a mound of stone 2 ft.base, 1½ ft. high, west of
corner. Pits impracticable.
J. A. Gamble's house, brs.N.42¾°E.

11.55 Wagon road brs.NE. and SW.
40.00 Set an iron post 3 ft.long, 1 in. in diam., 26 ins. in
the ground, for reestablished ¼ sec.cor., marked on
brass cap,
1914 on S.rim,
¼ S 7 on W., and
S 8 on E.half;
raise a mound of stone 2 ft.base, 1½ ft. high, west of
corner. Pits impracticable.
Leave level land, brs.NE. and SW.; ascend rolling, broken
SE. slope, 170 ft.to
61.00 Ridge,brs.NE. and SW.; descend NW. slope, 75 ft.to
67.00 Draw, course west; ascend SE. slope, 85 ft.to
72.00 Enter mesa, brs.NE. and SW.
80.00 Set an iron post 3 ft.long, 2 ins. in diam., 24 ins. in
the ground, for reestablished cor.of secs. 5,6,7 and 8,
marked on brass cap,
1914 on S.rim,
T 8 S S 6 in NW.,
R 32 E S 5 in NE.,
S 8 in SE., and
S 7 in SW.quadrant; from which,
A cedar, 12 ins. in diam., brs.S.79½°W., 234
lks.dist., marked T 8 S R 32 E S 7 B T.
No other trees within limits; raise a mound of stone 2
ft.base, 1½ ft. high, west of cor. Pits impracticable.
Land,level and hilly.
Soil, sandy loam and gumbo, 1st and 2nd rate on level;
gumbo, gravelly, 3rd and 4th rate on the hills.
No timber.
Undergrowth, scattering greasewood and cacti.
May 11 and 12, 1914.

May 12, 1914:
S.89°54'W., on a true line, bet. secs.6 and 7.
Over gravelly mesa, through scattering undergrowth.

1.50 Leave mesa, brs.NE. and SW.; descend NW. slope, 130 ft.to
9.40 Draw, course SW.; thence along broken south slope.
28.50 Wire fence, brs. NE. and SW.
38.50 Spur slopes SW.; descend west slope, 80 ft.
40.00 Set an iron post, 3 ft.long, 1 in. in diam., 20 ins. in
the ground, on hardpan, supported by a mound of stone
for reestablished ¼ sec.cor., marked on brass cap,
1914 on S.rim,
¼ S 6 on N., and
S 7 on S.half;
raise a mound of stone 2 ft.base, 1½ ft. high , north
of corner Pits impracticable.

42.50 Wash, 15 lks.wide, 2 ft.deep, course SW. Continue over
gently rolling land.
43.00 Wagon road brs.NE. and SW.

10. Resurvey of part of Subdivision lines of frac. T.8 S. R. 32 E.

Chains

73.50 Wash, 80 lks. wide, 15 ft. deep, course SW.
80.13 Intersect west bdy. of Tp. at the original cor. of secs. 1, 6, 7 and 12, hereinbefore described.
Land, hilly and rolling.
Soil, sandy loam, gumbo, gravelly, 1st to 4th rate,
No timber.
Undergrowth, scattering, greasewood and cacti.
May 12, 1914.

Completion of Subdivision of frac. T.8 S., R. 32 East.

May 12, 1914: From the reestablished cor. of secs. 5, 6, 7 and 8, hereinbefore described, I run,
N. 0° 1' E., on a random line, bet. secs. 5 and 6.
40.00 Set temp. $\frac{1}{4}$ sec. cor.
80.15 Intersect the North bdy. of the Tp., 14 lks. E. of the cor. of secs. 5, 6, 31 and 32, established by me, as described in Book "A."
Thence I run,
S. 0° 5' E., on a true line, bet. secs. 5 and 6.
Over rolling hills, drains SW.; through scattering undergrowth.
40.15 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground, for $\frac{3}{4}$ sec. cor., marked on brass cap, 1914 on S. rim, $\frac{1}{4}$ S 6 on W., and S 5 on E. half;
raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, west of corner. Pits impracticable.
46.65 Wagon road, brs. NE. and SW.
54.00 Wash, 30 lks. wide, 3 ft. deep, course W.
57.00 Ascend rolling NW. slope.
68.00 Fence brs. NE. and SW.
79.50 Enter mesa, brs. NE. and SW., 100 ft. above wash.
80.15 The reestablished cor. of secs. 5, 6, 7 and 8.
Land, rolling and hilly.
Soil, sandy loam, gumbo, gravelly, 1st to 3rd rate.
No timber.
Undergrowth, scattering greasewood and cacti.

At 6h. 45m. a.m., 1.m.t., I set off 32° 44 $\frac{1}{2}$ ' N. on the lat. arc; 18° 2' N. on the decl. arc; and determine a true meridian with the solar at the reestablished cor. of secs. 8, 9, 16 and 17, hereinbefore described.
Thence I run,
N. 0° 1' E., bet. secs. 8 and 9.
Over level land, through scattering undergrowth.
11.60 Wash, 50 lks. wide, 4 ft. deep, course SW.
14.00 Wagon road, brs. NE. and SW.
27.00 Wash, 60 lks. wide, 5 ft. deep, course SW.
40.00 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap, 1914 on S. rim, $\frac{1}{4}$ S 8 on W., and S 9 on E. half;
raise a mound of stone 2 ft. base, 1 $\frac{1}{2}$ ft. high, west of corner. Pits impracticable.
Foot of ridge, brs. NE. and SW.; ascend SE. slope, 90 ft. to
45.50 Ridge, brs. NE. and SW.; descend N. slope, 75 ft. to
50.00 Foot of ridge, brs. NE. and SW.
71.00 Enter low rolling hills, drain SW.
79.10 Old road brs. E. and W.
80.00 Set an iron post 3 ft. long, 2 ins. in diam., 24 ins. in the ground, for the cor. of secs. 4, 5, 8 and 9, marked on brass cap,

Completion of Subdivision offrac. Township 8 S., R. 32 E. 11.

Chains.

1914 on S.rim,
 T 8 S S 5 in NW.,
 R 32 E S 4 in NE.,
 S 9 in SE., and
 S 8 in SW. quadrant;
 raise a mound of stone 2 ft.base, 1½ ft. high, W.of
 corner. Pits impracticable.
 Land, level and hilly.
 Soil, sandy loam, gumbo, gravelly, 1st to 3rd rate.
 No timber.
 Undergrowth, scattering greasewood, mesquite and cacti.

40.00 N.89° 45' W., on a random line, bet. secs.5 and 8.
 79.83 Settemp. ¼ sec.cor.
 Intersect N.and S. line, 12 lks.south of the reestablished
 cor.of secs.5,6,7 and 8.
 Thence I run,
 S.89°40'E., on a true line, bet. secs.5 and 8.
 Over level mesa, through scattering undergrowth.
 4.00 Leave mesa, brs.NE. and SW.; descend SE. slope, 135 ft.to
 14.00 Enter level land, brs.NE. and SW.
 19.80 Wire fence, brs.N.and S.; corner of fence brs.30 lks.N.,
 from which fences run NW., E. and S.
 39.915 Set an iron post, 3 ft.long, 1 in. in diam., 26 ins. in
 the ground, for ¼ sec.cor., marked on brass cap,
 1914 on S.rim,
 ¼ S 5 on N., and
 S 8 onS.half;
 raise a mound of stone 2 ft.base, 1½ ft. high, north
 of corner, Pits impracticable.
 J. A. Hunter s well brs.S.64½°E.
 48.40 Wash, 10 lks.wide, 4 ft. deep, course SW.
 48.92 Wire fence brs.N.and S., cor. of fence brs. 20 lks.N.,
 from which fences run, E, W. and S.
 59.72 Wire fence brs.N.and S. NE. cor.of same brs. 20 lks.N.
 J. A. Hunter's well bears S.41½°W.
 79.83 The cor.of secs.4,5,8 and 9.
 Land, level and hilly.
 Soil, sandy loam, gumbo, gravelly, 1st to 3rd rate.
 No timber.
 Undergrowth, scattering greasewood, mesquite and cacti.

Note: At the cor.of secs.4,5,8 and 9, May 12, 1914, I
 set off 18°3½'N. on the decl.arc; and at apparent noon,
 I observe the sun on the meridian; the resulting lat.
 is 32° 45'N.

Thence I run,
 N.0°1'E., on a random line, bet. secs.4 and 5.
 40.00 Set temp.¼ sec.cor.
 80.70 Intersect the north bdy.of the Tp., 17 lks. west of the
 true point for the cor.of secs.4,5,32 and 33, which is
 0.15 chs. east of the witness cor. to said cor., estab-
 lished by me, as described in Book "A."
 Thence I run, from the true cor. point in draw, course SE.
 S.0° 8'W., on a true line, bet. secs.4 and 5.
 Through scattering undergrowth; descend rolling SE. slope,
 75 ft.to
 6.70 Wash, 30 lks.wide. 1 ft. deep, course SW. Ascend NW. slope
 75 ft.to
 22.70 Broken ridge, brs.NE. and SW.; descend SE. slope.
 40.10 Wash, 30 lks.wide, 2 ft. deep, course SW.; continue over
 low rolling hills.
 40.70 Set an iron post 3 ft.long, 1 in. in diam., 26 ins. in
 the ground, for ¼ sec.cor., marked on brass cap,
 1914 onS.rim,
 ¼ S 5 on W., and

12. Completion of Subdivision of frac. Township 8 S., R. 32 E.

Chains.

- S 4 on E. half;
raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high, west
of corner. Pits impracticable.
- 80.70 The cor. of secs. 4, 5, 8 and 9.
Land, level and hilly.
Soil, sandy loam, gumbo, gravelly, 1st to 4th rate,
No timber.
Undergrowth, scattering greasewood and cacti.
May 12, 1914.
-
- May 13, 1914: At 8h. a.m., l.m.t., I set off $32^{\circ} 43\frac{1}{2}' N.$
on the lat. arc; $18^{\circ} 17\frac{1}{2}' N.$ on the decl. arc, and deter-
mine a true meridian with the solar at the reestab-
lished cor. of secs. 15, 16, 21 and 22, hereinbefore
described.
- Thence I run,
East, on a true line, bet. secs. 15 and 22.
Ascend ~~to the~~ ~~top of~~ ~~the~~ ~~hill~~, Through scattering undergrowth. Ascend
west slope, 100 ft. to
- 4.00 Spur slopes SW., 100 ft. above sec. cor.; thence over roll-
ing hills, sloping south.
- 12.00 Draw, course SW.; ascend.
- 19.00 Spur slopes NE.; descend.
- 31.50 Draw, course NW.; ascend.
- 40.00 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in
the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap,
1914 on S. rim,
 $\frac{1}{4}$ S 15 on N., and
S 22 on S. half;
raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high, north
of corner. Pits impracticable.
- 54.00 Spur slopes NW.; descend.
- 79.42 Intersect the boundary bet. Arizona and New Mexico, S. 0°
3' E., 23.56 chs. dist. from the original 294 mile cor.,
hereinbefore described. At point of intersection
set an iron post 3 ft. long, 2 ins. in diam., 24 ins.
in the ground, for closing corner of secs. 15 and 22,
marked on brass cap,
1914 on S. rim,
C C E of center,
N M in E. half;
T 8 S S 15 in NW., and
R 32 E S 22 in SW. quadrant;
raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high, west
of corner. Pits impracticable.
- Land, hilly.
Soil, sandy loam, gumbo, gravelly, 2nd to 4th rate.
No timber.
Undergrowth, scattering greasewood and cacti.
-
- From the reestablished cor. of secs. 15, 16, 21 and 22, here-
inbefore described, I run,
N. $0^{\circ} 2' W.$, bet. secs. 15 and 16.
Through scattering undergrowth. Descend to
- .25 Head of draw, course SW.; ascend SE. slope.
- 5.00 Spur ridge, brs. E. and W., 50 ft. above sec. cor.; descend
north slope, 80 ft. to
- 13.00 Enter level land, brs. E. and W.
- 16.00 Wire fence, brs. NE. and SW.
- 18.00 Wash, 100 lks. wide, 12 ft. deep, course SW.
- 40.00 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in
the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap,
1914 on S. rim,
 $\frac{1}{4}$ S 16 on W., and
S 15 on E. half;

Completion of Subdivision of frac. Township 8 S., R. 32 E. 13

Chains.

raise a mound of stone 2 ft base, 1½ ft. high, west of corner. Pits impracticable.

60.00 Wash, 30 lks. wide. 1 ft. deep, course SE.

72.00 Enter rolling hills, bear NE. and SW.

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in the ground, for the cor. of secs. 9, 10, 15 and 16, marked on brass cap,
 1914 on S. rim,
 T 8 S S 9 in NW.,
 R 32 E S 10 in NE.,
 S 15 in SE.; and
 S 16 in SW. quadrant;

raise a mound of stone 2 ft. base, 1½ ft. high, west of corner. Pits impracticable.

Land, level and hilly.
 Soil, sandy loam, gumbo, gravelly, 1st to 3rd rate.
 No timber.
 Undergrowth, scattering greasewood and cacti.

N. 89° 55' W., on a random line, bet. secs. 9 and 16.

40.00 Set temp. ¼ sec. cor.

80.10 Intersect N. and S. line, 7 lks. S. of the cor. of secs. 8, 9, 16 and 17.

Thence I run,
 S. 89° 52' E., on a true line. bet. secs. 9 and 16.
 Over level land, through scattering undergrowth.

15.67 Wire fence brs. N. 13° E. and S. 13° W.

19.30 South end of low spur, slopes south.

20.10 Wash, 100 lks. wide, 4 ft. deep, course SW.

40.05 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground, for ¼ sec. cor., marked on brass cap,
 1914 on S. rim,
 ¼ S 9 on N.; and
 S 16 on S. half;

raise a mound of stone 2 ft. base, 1½ ft. high, north of corner. Pits impracticable.

56.00 Leave level land, brs. NE and SW. Ascend NW. slope, 90 ft. to

63.00 Ridge, brs. NE and SW.; descend SE. slope.

68.00 Head of draw, course south; ascend.

71.00 Spur slopes SW. Descend.

80.10 The cor. of secs. 9, 10, 15 and 16, 80 ft. below ridge at 63 chain point.
 Land, level and hilly.
 Soil, sandy loam, gumbo, gravelly, 1st to 3rd rate.
 No timber.
 Undergrowth, scattering greasewood, mesquite and cacti.
 May 14, 1914.

May 13, 1914:

East, on a true line, bet. secs. 10 and 15.
 Over rolling hills, through scattering undergrowth.

1.22 Wire fence brs. N. and S.

3.00 Draw, course SW.; ascend SW. slope, 75 ft. to

7.00 Top of ascent, brs. NE and SW.; continue over rolling hills, draining south.

15.60 Draw, course south.

23.00 Draw, course south.

26.00 Enter level land, brs. NE. and SW.

29.35 Wash, 30 lks. wide, 1 ft. deep, course south.

40.00 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground, for ¼ sec. cor., marked on brass cap,
 1914 on S. rim,
 ¼ S 10 on N., and
 S 15 on S. half;

raise a mound of stone 2 ft. base, 1½ ft. high, north of corner. Pits impracticable.

14. Completion of Subdivision of frac. Township 8 S., R. 32 E.

Chains.

Note: May 13, 1914: At this cor., I set off $18^{\circ} 19\frac{1}{2}' N.$ on the decl. arc, and at apparent noon, I observe the sun on the meridian; the resulting lat. is $32^{\circ} 44\frac{1}{2}' N.$

57.00 Enter low rolling hills, bear NW. and SE., draining west.
79.67 Intersect the Arizona-New Mexico bdy. line, $N. 0^{\circ} 0\frac{1}{2}' E.$, 56.45 chs. from the original 294 mile cor., hereinbefore described.

At point of intersection, set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in the ground, for closing cor. of secs. 10 and 15, marked on brass cap,
1914 on S. rim,
C C E of center,
N M in E. half;
T 8 S S 10 in NW., and
R 32 E S 15 in SW. quadrant;
raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high, west of corner. Pits impracticable.

Land, level and hilly.
Soil, sandy loam, gumbo, gravelly, 1st to 3rd rate.
No timber.
Undergrowth, scattering, with patches of dense greasewood, mesquite and cacti.

$N. 0^{\circ} 2' E.$, bet. secs. 9 and 10.
Ascend SE. slope, over rolling hills, through scattering undergrowth.

7.00 Draw, course SE. Continue ascent.
7.15 Wire fence brs. E. and W. NE. cor. of fence brs. E. 120 lks.
28.00 Ridge, brs. $N. 20^{\circ} E.$ and $S. 20^{\circ} W.$, 140 ft. above sec. cor.; descend over rolling west slope.

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap,
1914 on S. rim,
 $\frac{1}{4}$ S 9 on W., and
S 10 on E. half;
raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high, west of cor. Pits impracticable.

40.50 Draw, course west.
48.00 Draw, course west.
52.00 Enter level land, brs. NE. and SW., 125 ft. below ridge.
69.00 Wash, 60 lks. wide, 18 ins. deep, course SW. Ascend.
77.50 Long low ridge, brs. E. and W.; descend.
80.00 Set an iron post 3 ft. long, 2 ins. in diam., 24 ins. in the ground, for the cor. of secs. 3, 4, 9 and 10, marked on brass cap,
1914 on S. rim,
T 8 S S 4 in NW.,
R 32 E S 3 in NE.,
S 10 in SE., and
S 9 in SW. quadrant;
raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high, west of cor. Pits impracticable.

Completion of a Subdivision of tracts T. 8 S., R. 32 E.

Chains	
	<p>Land, level and hilly. Soil, sandy loam gumbo, gravelly, 1st to 4th rate. No timber, Undergrowth, scattering with patches of dense greasewood, mesquite and cacti.</p> <p style="text-align: right;">May 13, 1914.</p>
40.00	N. 89° 52' W., on a random line bet. secs. 4 and 9.
80.08	Set temp. ¼ sec. cor. Intersect N. and S. line, 9 lks. N. of the cor. of secs. 4, 5, 8 and 9.
	Thence I run
	S. 89° 56' E., on a true line, bet. secs. 4 and 9.
3.55	Over rolling land, through scattering undergrowth.
22.00	Old road, bears NE. and SW.
27.30	Wagon road, bears NW. and SE.
37.75	Wagon road, bears NE. and SW.
40.04	Wagon road, bears NW. and SE.
	Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for ¼ sec. cor., marked on brass cap; 1914 on S. rim,
	¼ S4 on N. half and S9 on S. half; raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor., pits impracticable.
43.00	Long low ridge, bears N. and S.
48.65	Wagon road, bears NE. and SW.
57.10	Wash, 200 lks. wide, 1 ft. deep, course SW.
60.80	Wash, 30 lks. wide, 2 ft. deep, course SW.
80.08	The cor of secs. 3, 4, 9 and 10.
	Land, rolling. Soil, sandy loam, gumbo, gravelly, 1st to 4th rate. No timber. Undergrowth, scattering, with patches of dense greasewood and cacti. <p style="text-align: right;">May 13, 1914.</p>
	May 14. 1914.
	East, on a true line, bet. secs. 3 and 10.
	Ascend broken NW. slope, through dense undergrowth.
6.00	Draw, course NW.
12.00	Ridge, bears NE. and SW., 150 ft. above sec. cor., continue over rolling hills, drain S.
24.00	Draw, course S.
29.00	Draw, course S.
38.00	Enter mesa, bears N. and S.
40.00	Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for ¼ sec. cor., marked on brass cap; 1914 on S. rim,
	¼ S3 on N. half and S10 on S. half; raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor., pits impracticable.
45.00	Draw, course S., leave mesa, bears N. and S., continue over rolling hills.
58.00	Draw, course S.
67.50	Draw, course SW.
74.00	Spur, slopes SW.
79.77	Intersect the Ariz., NM., bdy. line, S. 0° 0½' W., 25.29 chs. from the 292 mile cor., herein before described. At point of intersection set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in the ground, for closing cor. of secs 3 and 10, marked on brass cap; 1914 on S. rim,
	CC E. of center, NM in E. half, T8S S3 in NW, and R32E S10 in SW. quadrant; raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor., pits impracticable.
	Land, hilly, Soil, sandy loam, gumbo, gravelly, 2nd to 4th rate. No timber. Undergrowth, dense greasewood, mesquite and cacti.

16

Completion of subdivision of frac. T. 8 S., R. 32 E.

Chains

At 7h 10m a.m., l.m.t., I set off 32° 45' N., on the lat. arc; 18° 32½' N., on the decl. arc; and determine a true meridian with the solar, at the cor. of secs. 3, 4, 9 and 10.

Thence I run N. 0° 2' E., on a random line bet. secs. 3 and 4.

40.00 Set temp. ¼ sec. cor.

80.92 Intersect the N. bdy. of the Tp. 9 lks. W. of the cor. of secs. 3, 4, 33 and 34, ESTABLISHED by me post 3 ins. in as described in book "A" found, marked and witnessed as detailed in book

Thence I run S. 0° 6' W., on a true line bet. secs. 3 and 4.

7.00 Over rolling hills, drain W., through dense undergrowth.

14.00 Draw, course SW.

19.20 Spur, slopes W.

24.60 Draw, course W.

39.00 Ridge, bears E. and W.,

40.92 Draw, course SW.

Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground, for ¼ sec. cor., marked on brass cap, 1914 on S. rim,

¼ S4 on W. half and S5 on E. half; raise a mound of stone 2 ft. base, 1½ ft. high, W. of cor., pits impracticable.

43.50 Draw, course W.

51.00 Draw, course W.

59.80 Wagon road, bears NE. and SW.

62.00 Draw, course SW.

72.40 Spur, slopes W.

74.90 Draw, course W.

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

Land, hilly.

Soil, sandy loam, gumbo, gravelly, 2nd to 4th rate.

No timber.

Undergrowth, dense greasewood and cacti.

May 14, 1914.

General Description.

This township is level in the SW. and hilly in the NE., and the soil ranges from gravelly gumbo to rich sandy loam, very little grass and will not produce crops without irrigation.

There are two settlers in sec. 8, J.A. Hunter is sinking a well in the NE. ¼ of sec. 8 trying to get artesian water.

William B. Kimmel

U.S. Surveyor.

FOR FINAL OATH OF UNITED STATES SURVEYOR.
See Book "D."

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

U. S. Surveyor.

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



APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

Phoenix Arizona June 19, 1915

The foregoing field notes of the survey of the Completion of the
Subdivision Lines

Resurvey of part of the Subdivision Lines and Retracement of
part of the East bdy. (Arizona-New Mexico State Line) of
Fractional Township 8 South Range 32 East of the Gila and Salt
River Base and Meridian in the State of Arizona

executed by Willaim B. Kimmel U.S. Surveyor

under his special instructions dated September 19, 1912 for Group 26, ~~101~~, having been critically examined, and the necessary corrections and explanations made, the said field notes, and the ~~surveys~~ ^{& resurveye} they describe, are hereby approved.

Frank Ingalls

U. S. Surveyor General
of Arizona.

~~I certify that the foregoing transcript of the field notes of the above described surveys in _____, has been correctly copied from the original notes on file in this office.~~