

Book "M"  
Subdivisions  
FIELD NOTES

BOOK 2778

OF THE SURVEY OF THE

Subdivision lines

RESURVEY OF THE

West and Part of the South Bdy.

and

RETRACEMENT OF

Part of the South Bdy.

of TOWNSHIP 8 SOUTH RANGE 28 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 December 30, 1913, 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, January 9, 1914, pursuant to authority contained in the Act of Congress dated June 23, 1913.

Survey & ReSurvey commenced May 19, 1914

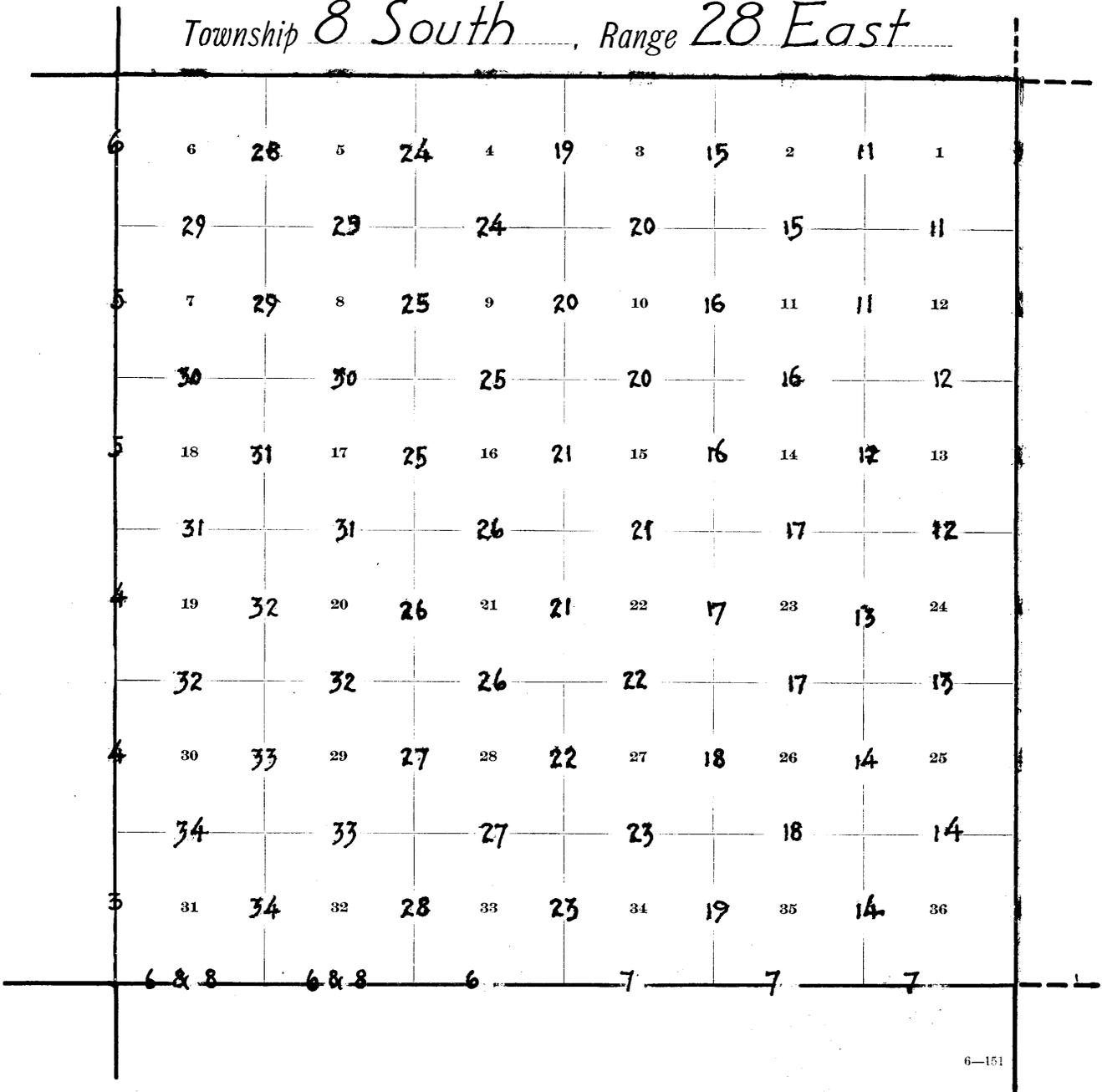
Survey & ReSurvey completed June 5, 1914

# Book "M"

BOOK 2778

## INDEX DIAGRAM.

Township 8 South, Range 28 East



6-151

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Retracement of West bdy. of Township 8 South, Range 28 East. 16

Chains.

Survey commenced May 19, 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 them 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 our camp, 1/4 mile north of the corner of secs. 21, 22, 27 and 28, T8 S., R.28 E.; latitude, 32° 43' N.; long. 109° 24 1/2' W., I set off 32° 43' N. on the lat. arc; 19° 46 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 9 chs. north of my station.

At 7h. 52m. p.m., by my watch which is 3 minutes fast of local mean time, I observe Polaris in accordance with the 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 19, 1914.

May 20, 1914: At 6h. a.m., l.m.t., I lay off the azimuth of Polaris, 0° 39' to the west, which is the azimuth corresponding to an hour angle of 1h. 53m., the point falling on flag set by solar observation, May 19, 1914.

May 20, 1914: At this same station, at 6h. 10m. a.m., l.m.t., I set off 32° 43' N. on the lat. arc; 19° 55' N. on the decl. arc; and determine with the solar a meridian, which agrees with the p.m. observation of May 19, 1914; therefore, I conclude that the adjustments of the instrument are satisfactory.

The magnetic decl. of the true meridian, at 6h. 15m. a.m., l.m.t., is 12° 45' E.

I test the stadia wire interval, by setting rod 10.016 chs. from the instrument; the rod reading is 5.000 ft., which is correct.

May 20, 1914: At 7h. a.m., l.m.t., I set off 32° 43' N. on the lat. arc; 19° 54' N. on the decl. arc; and determine a meridian with the solar at the original 1/4 sec. cor. bet. secs. 19 and 24, which is a post 3 ft. long, 2 ins. sq., laying on a mound of stone, marked 1/4 S. I re-establish the 1/4 sec. cor. at the same point by setting an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground, marked on brass cap,

- 1914 on S. rim,
- 1/4 S 24 on W. half; and
- S 19 on E. half;

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

Thence I run, North, on a random line, bet. secs. 19 and 24, on north half mile.

39.61 Fall 2 lks. east of the original corner to secs. 13, 18, 19 and 24, a charred stake that I dug up, from which a mesquite stump, marked B T bears N. 46 1/2° E., 191 lks. dist.

A stump cut off below the marks, brs. S. 70 1/4° E., 236 lks. dist.

A stump cut off below the marks, brs. S. 2° E., 153 lks. dist.

A stump cut off below the marks, brs. S. 46° W., 194 lks. dist.

True course and dist. of this 1/2 mile is therefore N. 0° 2' W., 39.61 chs.

## 2. Retracement of the West bdy. of Township 8 S., R. 28 E.

Chains.

- Thence I run,  
North, on a random line, bet. secs. 13 and 18.
- 39.72 Fall 20 lks. W. of the true point for original  $\frac{1}{4}$  sec. cor.,  
which I locate from A mesquite stump, mkd. B T, brs. N.  $22^{\circ}$   
E. 65 lks. A mesquite stump, marked B T, brs. S.  $25\frac{1}{4}^{\circ}$  E., 103  
lks. dist.
- True course and dist. of this half mile is therefore N.  $0^{\circ}$   
17' E., 39.72 chs.
- Thence I run,  
North, on a random line, bet. secs. 13 and 18, on north  $\frac{1}{2}$   
mile.
- 40.00 No corner found; set temp. cor. for secs. 7, 12, 13 and 18.  
Thence I continue measurement,  
North on a random line, bet. secs. 7 and 12.
- 79.54 Fall 12 lks. west of the original  $\frac{1}{4}$  sec. cor., where I un-  
covered charred stake, from which  
A mesquite stump, marked T, brs. N.  $30\frac{3}{4}^{\circ}$  E., 58  
lks. dist.  
A mesquite stump marked B T, brs. N.  $62^{\circ}$  W., 57  
lks. dist.
- True course and dist. of north half mile, bet. secs. 13  
and 18, and south half mile bet. secs. 7 and 12 is  
therefore N.  $0^{\circ} 5'$  E., 39.77 chs.
- Thence I run,  
North, on a random line, bet. secs. 7 and 12, on north  
half mile.
- 40.00 No corner found; set temp. cor. for secs. 1, 6, 7 and 12.  
Thence I continue measurement,  
North, on a random line, bet. secs. 1 and 6.
- 79.54 Fall 16 lks. west of original  $\frac{1}{4}$  sec. cor., where I uncover  
the butt of old post, from which,  
A mesquite stump, marked B T, brs. S.  $86^{\circ}$  W., 103  
lks. dist.  
A mesquite stump, marked B T, brs. N.  $26^{\circ}$  W., 14  
lks. dist.
- True course and dist. of north half mile, bet. secs. 7 and 12  
and south half mile bet. secs. 1 and 6 is therefore,  
N.  $0^{\circ} 7'$  E., 39.77 chs.
- Thence I run,  
North, on a random line, bet. secs. 1 and 6, on north half  
mile.
- 39.55 Fall 8 lks. west of the original cor. to Tps. 7 and 8 S.,  
Rs. 27 and 28 E., where I dug up butt of old post, from  
which,  
A mesquite stump, marked B T, brs. S.  $84^{\circ}$  E., 11  
lks. dist.  
A mesquite stump marked T bears S.  $26\frac{3}{4}^{\circ}$  E., 167  
lks. dist.  
A mesquite stump marked B T brs. N.  $69\frac{1}{2}^{\circ}$  W., 122  
lks. dist.  
A mesquite stump marked B T, brs. N.  $76\frac{1}{2}^{\circ}$  W., 161  
lks. dist.
- At this point, I reestablish the township cor. as follows:  
Set an iron post 3 ft. long, 3 ins. in diam., 24 ins. in  
the ground, for the cor. of Tps. 7 and 8 S., Rs. 27 and  
28 E., marked on brass cap,  
1914 on S. rim,  
T 7 S in N.,  
R 28 E in E.,  
T 8 S in S.,  
R 27 E in W. half;  
S 36 in NW.,  
S 31 in NE.,  
S 6 in SE., and  
S 1 in SW. quadrant;  
raise a mound of stone 2 ft. base,  $1\frac{1}{2}$  ft. high, south  
of corner. Pits impracticable.
- True course and distance of north  $\frac{1}{2}$  mile, bet. secs. 1 and  
6 is therefore N.  $0^{\circ} 7'$  E., 39.55 chs.

## Retracement of the West bdy. of Township 8 South, Range 28 E. 3.

Chains.

From the reestablished  $\frac{1}{4}$  sec.cor., bet. secs.19 and 24, hereinbefore described, I run, South, on a random line, bet. secs.19 and 24, on south half mile.

40.00 No corner found. Set temp. cor. for secs. 19,24,25 and 30.

May 20, 1914.

May 21, 1914:

Thence I run, continue measurement; South, on a random line, bet. secs.25 and 30.

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

119.64 Fall 10 lks. east of the original cor. of secs.25,30,31 and 36, which is a mesquite post 4 ins.sq., 28 ins. above ground, marks nearly obliterated.

True course and dist. of south half mile, bet. secs.19 and 24 is therefore, N.0° 3'E., 39.88 chs., and of the mile bet. secs. 25 and 30, N.0° 3'E., 79.76 chs.

Thence I run,

South, on a random line, bet. secs.31 and 36.

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

79.92 Intersect the original corner of Ts.8 and 9 S., Rs.27 and 28 E., which is a mesquite post, 4 ins. sq., 36 ins. above ground, marks nearly obliterated. I reestablish this township corner at this point, as follows:

I set an iron post 3 ft.long, 3 ins. in diam., 24 ins. in the ground, for the cor.of Ts. 8 and 9 S., Rs.27 and 28 E., marked on brass cap,

1914 on S.rim,  
T 8 S in N.,  
R 28 E in E.,  
T 9 S in S.,  
R 27 E in W.half;  
S 36 in NW.,  
S 31 in NE.,  
S 6 in SE.; and  
S 1 in SW.quadrant;

dig pits, 24x24x12 ins. on each line, N.,E.and W., 4 ft., and S.of cor. 8 ft. dist., and raise a mound of earth 5 ft. base, 2 $\frac{1}{2}$  ft. high, south of corner.

True course and dist.of mile, bet. secs.31 and 36 is therefore north, 79.92 chs.

May 21, 1914.

## Resurvey of West bdy. of Township 8 South, Range 28 East.

June 5, 1914: I begin at the township cor. of Ts.8 and 9 S., Rs.27 and 28 E., which I reestablished May 21, 1914, as hereinbefore described.

Thence I run,

North, on true line on east bdy.of sec.36 of T.8 S.,R'27 E.

Over gently rolling land, through dense undergrowth.

36.30 Wash, 20 lks.wide, 2 ft. deep, course NW.

38.10 Wagon road, brs.NW' and SE.

39.96 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 36 in W.half; and  
S 31 in E.half;

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

64.25 Wagon road brs.NE' and SW.

79.92 The original corner of secs.25,30, 31 and 36, hereinbefore described, which I destroy, and at the same point, set an iron post, 3 ft.long, 3 ins. in diam., 24 ins. in

4. Resurvey of West bdy. of Township 8 South, Range 28 East;

Chains.

24 ins., 24 ins. in the ground, for the reestablished cor. of secs.25 and 36, T.8 S., R.27 E., marked on brass cap,

1914 on S.rim,  
T 8 S in N., and  
S 30, S 31, R 28 E in E.half;  
S 25 in NW., and  
S 36, R 27 E in SW. quadrant;

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

Land, rolling.

Soil, sandy loam and gumbo, gravelly, 1st to 4th rate.

No timber.

Undergrowth, dense greasewood, cacti and mesquite.

N.0° 3' E., on true line, on east bdy. of sec.25, T.8 S., R.27 E.

Over gently rolling land, through dense undergrowth.

19.00 Wash, 20 lks.wide, 1 ft. deep, course west.

39.88 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 25 on W.half; and  
S 30 in E.half;

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

69.40 Wash, 40 lks.wide, 18 ins. deep, course west.

79.76 Set an iron post, 3 ft. long, 3 ins. in diam., 24 ins. in the ground, for the reestablished cor. of secs. 24 and 25, T.8 S., R.27 E., marked on brass cap,

1914 on S.rim,  
T 8 S on N., and  
S 19, S 30, R 28 E in E.half;  
S 24 in NW., and  
S 25, R 27 E in SW. quadrant;

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

Land, rolling.

Soil, sandy loam, gumbo, gravelly, 1st to 4th rate.

No timber.

Undergrowth, dense greasewood, cacti and mesquite.

June 5, 1914.

June 6, 1914:

N.0° 3' E., on a true line, on E'bdy. of sec.24, T.8 S., R.27 E.

Over level land, through scattering undergrowth.

29.75 Wagon road, brs.E.and W.

31.85 Long low ridge, brs.E.and W.

39.88 The reestablished 1/4 sec.cor., hereinbefore described.

Thence I run,

N.0° 2' W., on a true line, on east bdy.of sec. 24, on N. half mile.

20.60 Wagon road brs.NW. and SE.

39.61 The original cor. of secs.13,18,19 and 24, hereinbefore described, which I destroy, and at the same point, set an iron post, 3 ft. long, 3 ins. in diam., 24 ins. in the ground, for the reestablished cor.of secs.13 and 24, T.8 S., R.27 E., marked on brass cap,

1914 on S.rim,  
T 8 S in N., and  
S 18, S 19, R 28 E in E.half;  
S 13 in NW., and  
S 24, R 27 E in SW. quadrants;

Resurvey of West bdy. of Township 8 South, Range 28 East. 5

Chains.

raise a mound of stone 2 ft. base, 1½ ft. high, west of corner. Pits impracticable.  
 Land, level and gently rolling.  
 Soil, sandy loam and gumbo, 1st to 3rd rate.  
 No timber.  
 Undergrowth, scattering, with patches of dense greasewood, mesquite, cacti, catclaw.

N. 0°17' E., on a true line, on east bdy. of sec. 13, T. 8 S., R. 27 E.

Over gently rolling land, through dense undergrowth.  
 14.05 Old wagon road, brs. E and W.  
 20.25 Long low ridge, brs. E and W.  
 39.72 The point for original ¼ sec. cor., hereinbefore described, where I now reestablish the ¼ sec. cor., as follows:  
 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground, marked on brass cap,  
     1914 on S. rim,  
     ¼ S 13 on W. half; and  
     S 18 on E. half;  
 raise a mound of stone 2 ft. base, 1½ ft. high, west of corner. Pits impracticable.

Thence I run,  
 N. 0°5' E., on a true line, on east bdy. of sec. 13, on north half mile.

39.77 Set an iron post 3 ft. long, 3 ins. in diam., 24 ins. in the ground, for the reestablished cor. of secs. 12 and 13, T. 8 S., R. 27 E., marked on brass cap,  
     1914 on S. rim,  
     T 8 S in N., and  
     S 7, S 18, R 28 E in E. half;  
     S 12 in NW., and  
     S 13, R 27 E in SW. quadrant;  
 raise a mound of stone, 2 ft. base, 1½ ft. high, west of corner.

Pits impracticable.  
 Land, gently rolling.  
 Soil, sandy loam, gumbo, gravelly, 1st to 4th rate.  
 No timber.  
 Undergrowth, dense greasewood, mesquite and cacti.

N. 0° 5' E., on a true line, on east bdy. of sec. 12, T. 8 S. R. 27 E.

Over gently rolling land, through dense undergrowth.  
 31.60 Low ridge, brs. E and W.  
 34.35 Wash, 15 lks. wide, 2 ft. deep, course west.  
 39.35 Wash, 20 lks. wide, 18 ins. deep, course west.  
 39.77 The original ¼ sec. cor., hereinbefore described, which I destroy, and at the same point, 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 12 on W. half; and  
     S 7 on E. half;

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

Thence I run,  
 N. 0°7' E., on a true line, on east bdy. of sec. 12, on north half mile.

20.60 Low ridge, brs. E and W.  
 26.35 Old wagon road, brs. E and W.  
 39.77 Set an iron post 3 ft. long, 3 ins. in diam., 24 ins. in the ground, for the reestablished cor. of secs. 1 and 12, T 8 S R 27 E, marked on brass cap,

## 6. Resurvey of West bdy. of Township 8 South, Range 28 E

Chains.

1914 on S.rim,  
T 8 S in N.,  
S 6, S 7, R 28 E in E-half;  
S 1 in NW., and  
S 12, R 27 E in SW.quadrant; raise a mound  
of stone, 2 ft.base,  $1\frac{1}{2}$  ft. high, west of cor. Pits  
impracticable.

Land, gently rolling.

Soil, sandy loam, gumbo, gravelly, 1st to 4th rate,

No timber.

Undergrowth, dense greasewood, mesquite and cacti.

N.0°7' E., on a true line, on east bdy.of sec.1, T.8 S.,  
R.27 E.

Over rolling land, through dense undergrowth.

25.80 Low ridge, brs.E.and W.

35.80 Wash, 30 lks.wide, 2 ft.deep, course west.

39.77 The original  $\frac{1}{4}$  sec.cor., hereinbefore described, which I  
destroy, and at the same point set an iron post 3 ft.  
long, 1 in. in diam., 26 ins. in the ground, for re-  
established  $\frac{1}{4}$  sec.cor., marked on brass cap,

1914 on S.rim,  
 $\frac{1}{4}$  S 1 on W.half; and  
S 6 on E.half;

raise a mound of stone 2 ft.base,  $1\frac{1}{2}$  ft. high, west  
of corner. Pits impracticable.

52.55 Wash, 40 lks.wide, 2 ft. deep, course west.

79.32 The reestablished cor.of Ts. 7 and 8 S., Rs.27 and 28 E.,  
hereinbefore described.

Land, rolling.

Soil, sandy loam, gumbo, gravelly, 1st to 4th rate.

No timber.

Undergrowth, dense greasewood, mesquite and cacti.

June 6, 1914.

Retracement South bdy.of Township 8 South, Range 28 East.

May 21, 1914: At 10h. a.m., l.m.t., I set off  $32^{\circ}41'$  N. on  
the lat.arc;  $20^{\circ}7\frac{1}{2}'$  N. on the decl.arc; and determine  
a meridian with the solar at the reestablished cor.  
of Ts.8 and 9 S., Rs.27 and 28 E., hereinbefore de-  
scribed.

Thence I run,

East, on a random line, bet. secs. 6 and 31.

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

76.53 No corner found; set temp. cor. for secs. 56, 31 and 32.

Thence I run,

East, on a random line, bet. secs.5 and 32.

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

79.88 Fall 42 lks.N.of the original cor.of secs. 4, 5, 32 and 33,  
which is a stone 10x8x10 ins., above ground, marked 4  
notches on the E. and 2 notches on the W.edge; also  
a X on top, with a mound of stone, north of corner.

Therefore, the true course and dist. of line from Tp. cor.  
to this cor.is S.89° 51' E., 156.41 chs.

May 21, 1914: At this corner, I set off  $20^{\circ}8\frac{1}{2}'$  N. on the  
decl.arc, and at apparent noon, I observe the sun on  
the meridian; the resulting lat.is  $32^{\circ}41'$  N.

Thence I run,

East, on a random line, bet. secs. 4 and 33.

40.00 Fall 3 lks.south of original  $\frac{1}{4}$  sec.cor., a stone 4x10x12  
ins., above ground, marked and witnessed, as described  
by the Surveyor General.

Retracement of S. bdy. of Township 8 S, uth, Range 28 E. 7.  
Chains.

Therefore, the true course and dist. of this half mile is N. 89° 57' E., 40.00 chs.  
Thence I run,  
East, on a random line, bet. secs. 4 and 33, on east half mile.

34.81 Fall 426 lks. south of the original cor. of secs. 3, 4, 33 and 34, which is a stone in place, 8x4x3 ft. above ground, marked with a X on top, and 3 notches on E. and W. edges, with a mound of stone, north of cor.  
Therefore, the true course and dist. of this half mile is N. 83° 01' E., 35.07 chs.

May 21, 1914.  
May 22, 1914: At 8h. a.m., l.m.t., I set off 32° 41' N. on the lat. arc; 20° 19' N. on the decl. arc; and determine a meridian with the solar at the original cor. of secs. 3, 4, 33 and 34, described above.

Thence I run,  
East, on a random line, bet. secs. 3 and 34.

39.74 Fall 128 lks. N. of the original 1/4 sec. cor., which is a stone 6x10x10 ins. above ground, marked and witnessed as described by the Surveyor General.  
Therefore, the true course and dist. of this half mile is S. 88° 09' E., 39.76 chs.

Thence I run,  
East, on random line, bet. secs. 3 and 34, on east half mile.

40.46 Fall 114 lks. south of the original cor. of secs. 2, 3, 34 and 35, which is a stone 6x6x6 ins. above ground, marked with a X on top,  
4 notches on the W., and  
2 notches on the E. edge, with a mound of stone north of cor.  
Therefore, the true course and dist. of this half mile is N. 88° 23' E., 40.48 chs.

Thence I run,  
East, on a random line, bet. secs. 2 and 35.

39.90 Fall 41 lks. south of original 1/4 sec. cor., which is a stone 4x10x12 ins. above ground, firmly set, marked and witnessed, as described by the Surveyor General.  
Therefore, the true course and distance of this half mile is N. 89° 25' E., 39.90 chs.

Thence I run,  
East, on a random line, bet. secs. 2 and 35, on east half mile.

40.72 Fall 45 lks. S. of the original cor. of secs. 1, 2, 35 and 36, which is a stone 6x10x10 ins. above ground, firmly set, marked and witnessed as described by the Surveyor General.  
Therefore, the true course and dist. of this half mile is N. 89° 21' E., 40.72 chs.

Thence I run,  
East, on a random line, bet. secs. 1 and 36.

41.35 Fall 168 lks. S. of the original 1/4 sec. cor., which is a stone 22x14x10 ins. above ground, firmly set, marked and witnessed as described by the Surveyor General.  
Therefore, the true course and dist. of this half mile is N. 87° 40' E., 41.38 chs.

Note: At this 1/4 sec. cor., May 22, 1914, I set off 20° 20 1/2' N. on the decl. arc; and at apparent noon, observe the sun on the meridian; the resulting lat. is 32° 41' N.

Thence I run,

## 8. Retracement of South bdy. of Township 8 South, Range 28 E.

|  |   |
|--|---|
| Chains.  | East, on a random line, bet. secs. 1 and 36. on east half mile.   |
| 40.48  | Fall 110 lks. S. of the original cor. of Ts. 8 and 9 S., Rs. 28 and 29 E., which is a stone, 12x8x10 ins. above ground, firmly set, marked 6 notches on the N., S., E. and W. edges, with a mound of stone west of cor. Therefore, the true course and dist. of this half mile is N. 88° 26' E., 40.50 chs.<br>May 22, 1914.  |
| -----  |   |
| Resurvey of part of the South bdy. of Township 8 S., R. 28 E.  |   |
| -----  |   |
| June 5, 1914:<br>From the reestablished cor. of Ts. 8 and 9 S., Rs. 27 and 28 E. hereinbefore described, I run,<br>S. 89° 51' E., on a true line, on N. bdy. of sec. 6, T 9 S., R. 28 E. |   |
| 36.50  | Over gently rolling land, through dense undergrowth. (Proportional distance). 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,<br>1914 on S. rim,<br>S 31 on N. half; and<br>$\frac{1}{4}$ S 6 on S. half;<br>raise a mound of stone 2 ft. base, 1 $\frac{1}{2}$ ft. high, south of corner. Pits impracticable.  |
| 49.50  | Wagon road, brs. NW. and SE.  |
| 76.47  | (Proportional distance). Set an iron post 3 ft. long, 3 ins. in diam., 24 ins. in the ground, for the reestablished cor. of secs. 5 and 6, T. 9 S., R. 28 E., marked on brass cap,<br>1914 on S. rim,<br>T 8 S in N.,<br>S 5, S 6, T 9 S in S., and<br>R 28 E in W. half;<br>S 31 in NW., and<br>S 32 in NE. quadrants;<br>dig pits 24x24x12 ins., in each sec. 6 ft. dist., and<br>raise a mound of earth, 4 ft. base, 2 ft. high, south of corner.                |
| Land, gently rolling.<br>Soil, sandy loam, gumbo, gravelly, 1st to 4th rate.<br>No timber.<br>Undergrowth, dense greasewood, mesquite and cacti.   |   |
| -----  |   |
| S. 89° 51' E., on a true line, on N. bdy. of sec. 5, T. 9 S., R. 28 E.   |   |
| 25.50  | Over gently rolling land, through dense undergrowth.  |
| 39.97  | Low ridge, brs. NE. and SW.; continue over rolling hills. (Proportional distance). 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,<br>1914 on S. rim,<br>S 32 in N. half; and<br>$\frac{1}{4}$ S 5 in S. half;<br>dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist., and<br>raise a mound of earth, 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, south of corner. |
| 78.00  | Wash, 100 lks. wide, 18 ins. deep, course SW.   |
| 79.94  | The original cor. of secs. 4, 5, 32 and 33, hereinbefore described.<br>Land, rolling and hilly.<br>Soil, sandy loam, gumbo, gravelly, 1st to 4th rate.<br>No timber.  |

Resurvey of part of the South bdy. of Township 8 S. R. 28 E. 9.

Chains.  
 Undergrowth, dense greasewood, mesquite, catclaw and cacti.  
 June 5, 1914.

Boundaries of Township 8 South, Range 28 East.  
 Latitudes, departures, and closing errors.

| Line designated.    | True course.  | Dist.  | Latitudes.    |        | Departures.   |        |
|---------------------|---------------|--------|---------------|--------|---------------|--------|
|                     |               |        | N.            | S.     | E.            | W.     |
| South boundary      | S. 88° 26' W. | 40.50  |               | 1.11   |               | 40.48  |
|                     | S. 87° 40' W. | 41.38  |               | 1.68   |               | 41.35  |
|                     | S. 89° 21' W. | 40.72  |               | .46    |               | 40.72  |
|                     | S. 89° 25' W. | 39.90  |               | .41    |               | 39.90  |
|                     | S. 88° 23' W. | 40.48  |               | 1.14   |               | 40.46  |
|                     | N. 88° 09' W. | 39.76  | 1.28          |        |               | 39.74  |
|                     | S. 83° 01' W. | 35.07  |               | 4.26   |               | 34.81  |
|                     | S. 89° 57' W. | 40.00  |               | .03    |               | 40.00  |
|                     | N. 89° 51' W. | 156.41 |               | .41    |               | 156.41 |
| West boundary       | North         | 79.92  | 79.92         |        |               |        |
|                     | N. 0° 3' E.   | 119.64 | 119.64        |        | .10           |        |
|                     | N. 0° 2' W.,  | 39.61  | 39.61         |        |               | .02    |
|                     | N. 0° 17' E.  | 39.72  | 39.72         |        | .20           |        |
|                     | N. 0° 5' E.   | 79.54  | 79.54         |        | .11           |        |
| North boundary      | East,         | 472.90 |               |        | 472.90        |        |
| East boundary       | South,        | 469.71 |               | 469.71 |               |        |
| Convergency,        |               |        |               |        | .45           |        |
| Totals, -----       |               |        | 479.21        | 478.80 | 474.00        | 473.89 |
|                     |               |        | <u>478.80</u> |        | <u>473.89</u> |        |
| Error in latitude,  |               |        | 0.41          |        |               |        |
| Error in departure, |               |        |               |        | 0.11          |        |

Chains

|       |  |
|-------|--|
|       | May 27, 1914: At 7h 30m a.m., l.m.t., I set off 32° 46' N. on the lat. arc; 21° 14' N. on the decl. arc; and determine a meridian with the solar at the cor. of secs. 1, 2, 35 and 36, on the North bdy. of this Tp., established by me as described in book "A", witnessed as described in book . |
|       | Thence I run   |
|       | S. 0° 1' E., bet. secs. 1 and 2.   |
|       | Over gently rolling land, through dense undergrowth.   |
| 8.50  | Wash, 20 lks. wide, 4 ft. deep, course W.  |
| 26.00 | Wash, 15 lks. wide, 4 ft. deep, course W.  |
| 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   |
|       | $\frac{1}{4}$ S2 on W. half and  |
|       | S1 on E. half; raise a mound of stone  |
|       | 2 ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor., pits impracticable.  |
| 53.00 | Wash, 30 lks. wide, 2 ft. deep, course W.  |
| 76.00 | Wash, 12 lks. wide, 3 ft. deep, course W.  |
| 80.00 | Set an iron post 3 ft. long, 2 ins. in diam., 24 ins. in the ground, for the cor. of secs. 1, 2, 11 and 12, marked on brass cap 1914 on S. rim   |
|       | T8S S2 in NW.,   |
|       | R28E S1 in NE.,  |
|       | S12 in SE. and   |
|       | S11 in SW. quadrant; raise a mound of stone  |
|       | 2 ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor., pits impracticable.  |
|       | Land, gently rolling.  |
|       | Soil, sandy loom and gumbo, gravelly, 3rd rate.  |
|       | No timber.   |
|       | Undergrowth, dense greasewood, cacti and mesquite.   |
|       | May 27, 1914.  |
|       | -----  |
|       | East on a random line bet. secs. 1 and 12.   |
| 40.00 | Set temp. $\frac{1}{4}$ sec. cor.  |
| 80.06 | Intersect the East bdy. of Tp., at the cor. of secs. 1, 6, 7 and 12, established by me as described in book "A" 2 ins. above ground, marked and witnessed as described in book .   |
|       | Thence I run   |
|       | West on a true line bet. secs. 1 and 12.   |
|       | Over gently rolling land, through dense undergrowth.   |
| 9.00  | Wash, 15 lks. wide, 3 ft. deep, course SW.   |
| 40.03 | 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  |
|       | $\frac{1}{4}$ S1 on N. half and  |
|       | S12 on S. half; raise a mound of stone   |
|       | 2 ft. base, 1 $\frac{1}{2}$ ft. high, N. of cor., pits impracticable.  |
| 61.00 | Wash, 20 lks. wide, 2 ft. deep, course SW.   |
| 80.06 | The cor. of secs. 1, 2, 11 and 12.   |
|       | Land, gently rolling.  |
|       | Soil, sandy loom, gumbo, gravelly, 3rd rate.   |
|       | No timber.   |
|       | Undergrowth, dense greasewood, cacti and mesquite.   |
|       | May 27, 1914.  |
|       | -----  |
|       | S. 0° 1' E., bet. secs. 11 and 12.   |
|       | Over gently rolling land, through dense undergrowth.   |
| 12.00 | Wash, 20 lks. wide, 10 ft. deep, course SW.  |
| 20.50 | Wash, 30 lks. wide, 4 ft. deep, course W.  |
| 40.00 | Set an iron post 3 ft. long, 1 in. in diam., 18 ins. in the ground, on hardpan, supported by a mound of stone, for $\frac{1}{4}$ sec. cor., marked on brass cap 1914 on S. rim   |
|       | $\frac{1}{4}$ S11 on W. half and   |
|       | S12 on E. half; raise a mound of   |
|       | Stone 2 ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor., pits impracticable.  |
| 59.50 | Wash, 25 lks. wide, 4 ft. deep, course W.  |
| 80.00 | Set an iron post 3 ft. long, 2 ins. in diam., 24 ins. in the ground, for the cor. of secs. 11, 12, 13 and 14,  |

12

Subdivision of T. 8 S., R. 28 E.

Chains

marked on brass cap 1914 on S. rim

T8S S11 in NW.;

R28E S12 in NE.,

S13 in SE. and

S14 in SW. quadrant; raise a mound of

stone 2 ft. base,  $1\frac{1}{2}$  ft. high, W. of cor.; pits impractical.

Land, gently rolling.

Soil, sandy loom and gumbo, gravelly, 3rd and 4th rate.

No timber.

Undergrowth, dense greasewood, cacti and mesquite.

May 27, 1914.

East on a random line bet. secs. 12 and 13.

40.00

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

80.02

Intersect the East side of Twp. 19 lks. N. of the corner of secs. 7, 12, 13 &amp; 14, established by me as described in book "A" 20 ins. above ground, marked and witnessed as described in book.

Thence I run

N.  $89^{\circ} 52'$  W., on a true line bet. secs. 12 and 13.

10.00

Through dense undergrowth. Ascend slope, 70 ft. to foot of ridge, bears NE. and SW., continue over gently rolling land.

18.00

Wash, 15 lks. wide, 2 ft. deep, course SW.

40.01

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 $\frac{1}{4}$ S12 on N. half and

S13 on S. half; raise a mound of stone

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

55.00

Wash, 200 lks. wide, 1 ft. deep, course S.  $75^{\circ}$  W.

80.02

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

Land, rolling and hilly.

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

No timber.

Undergrowth, dense greasewood, mesquite, catclaw and cacti.

May 27, 1914.

S.  $0^{\circ} 1'$  E., on a true line bet. secs. 13 and 14.

Over gently rolling land, through dense undergrowth.

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 $\frac{1}{4}$ S14 on W. half and

S13 on E. half; raise a mound of stone

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

49.00

Wash, 300 lks. wide, 1 ft. deep, course SW.

58.00

Spur, 30 ft. high, slopes SW.

62.50

Wash, 100 lks. wide, 2 ft. deep, course W.

70.50

Wash, 12 lks. wide, 3 ft. deep, course W.

80.00

Set an iron post 3 ft. long, 2 ins. in diam., 24 ins. in the ground, for the cor. of secs. 13, 14, 23 and 24, marked on brass cap 1914 on S. rim

T8S S14 in NW.,

R28E S13 in NE.,

S24 in SE. and

S23 in SW. quadrant; raise a mound of stone

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

Land, gently rolling.

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

No timber.

Undergrowth, dense greasewood, mesquite and cacti.

May 27, 1914.

Note: At the cor. of secs. 13, 14, 23 and 24,

May 27, 1914: I set off  $21^{\circ} 15\frac{1}{2}'$  N on the decl. arc; and,at apparent noon, observe the sun on the meridian; the resulting lat. is  $32^{\circ} 43\frac{1}{2}'$  N., which is the correct lat.

Thence I run

S.  $89^{\circ} 52'$  E., on a random line bet. secs. 13 and 24.

Chains  
40.00  
79.98

Set temp. 1/4 sec. cor.  
Intersect the East bdy. of Tp. 5 lks. S. of the cor. of  
secs. 13, 18, 19 and 24, established by me as described  
in book "A" 12 ins. above ground, marked and witnessed  
as described in book

4.00  
23.00  
39.99

Thence I run  
N. 89° 54' W., on a true line bet. secs. 13 and 24.  
Over gently rolling land, through dense undergrowth.  
Wash, 200 lks. wide, 2 ft. deep, course NW.  
Wash, 200 lks. wide, 2 ft. deep, course SW.  
Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in  
the ground, for 1/4 sec. cor., marked on brass cap 1914  
on S. rim

79.98

1/4 S13 on N. half and  
S24 on S. half; raise a mound of stone  
2 ft. base, 1 1/2 ft. high, N. of cor., pits impracticable.  
The cor. of secs. 13, 14, 23 and 24,  
Land, rolling.  
Soil, sandy loom and gumbo, gravelly, 3rd rate.  
No timber.  
Undergrowth, dense greasewood, cacti, mesquite and  
catclaw.

21.50  
35.00  
40.00

S. 0° 1' E., bet. secs. 23 and 24.  
Over gently rolling land, through dense undergrowth.  
Wash, 200 lks. wide, 1 ft. deep, course W.  
Wash, 100 lks. wide, 2 ft. deep, course SW.  
Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in  
the ground, for 1/4 sec. cor., marked on brass cap 1914  
on S. rim

66.00  
80.00

1/4 S23 on W. half and  
S24 on E. half; raise a mound of  
stone 2 ft. base, 1 1/2 ft. high, W. of cor., pits  
impracticable.  
Trail, bears NE. and SW.  
Set an iron post 3 ft. long, 3 ins. in diam., 24 ins. in  
the ground, for the cor. of secs. 23, 24, 25 and 26,  
marked on brass cap 1914 on S. rim  
R28S S23 in NW.,  
R28E S24 in NE.,  
S25 in SE. and  
S26 in SW. quadrant; raise a mound of stone  
2 ft. base, 1 1/2 ft. high, W. of cor., pits impracticable.  
Land, gently rolling.  
Soil, sandy loom and gumbo, gravelly, 3rd rate.  
No timber.  
Undergrowth, dense greasewood, cacti, mesquite and  
catclaw.

40.00  
79.94

S. 89° 54' E., on a random line bet. secs. 24 and 25.  
Set temp. 1/4 sec. cor.  
Intersect the East bdy. of Tp. 2 lks. S. of the cor. of  
secs. 19, 24, 25 and 30, established by me as described  
in book "A" 12 ins. above ground, marked and witnessed  
as described in book

4.50  
14.00  
20.00  
32.00  
39.97

Thence I run  
N. 89° 55' W., on a true line bet. secs. 24 and 25.  
Through dense undergrowth, descend NW. slope, 70 ft. to  
Head of draw, course NW., 70 ft. below sec. cor., ascend  
NE. slope, 75 ft. to  
Spur, slopes N., 70 ft. above draw, descend NW. slope 30 ft. to  
Head of draw, course N., 30 ft. below spur, ascend  
broken N. slope, 95 ft. to  
Spur ridge, slopes NW., 25 ft. above draw, descend  
SW. slope, 200 ft.  
Set an iron post 3 ft. long, 1 in. in diam., 12 ins. in  
the ground, on bed rock, supported by a mound of stone,  
for 1/4 sec. cor., marked on brass cap 1914 on S. rim  
1/4 S24 on N. half and  
S25 on S. half; raise a mound of

## Subdivision of T. 8 S., R. 28 E.

|        |  |
|--------|--|
| Chains | Stone 2 ft. base, $1\frac{1}{2}$ ft. high, N. of cor., pits impracticable.   |
| 48.00  | Foot of ridge, bears NW. and SE., 200 ft. high. <del>Continuation of</del> gently rolling land.  |
| 79.94  | The cor. of secs. 23, 24, 25 and 26.<br>Land, rolling and hilly.<br>Soil, gumbo, gravelly and stony, 4 th rate.<br>No timber.<br>Undergrowth, dense greasewood, cacti, mesquite and catclaw.<br>May 27, 1914.  |
| -----  |  |
|        | May 30, 1914   |
|        | S. $0^{\circ} 1'$ E., bet. secs. 25 and 26.<br>Over gently rolling land, through dense undergrowth.  |
| 26.00  | Wash, 100 lks. wide, 2 ft. deep, course W.   |
| 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<br>$\frac{1}{4}$ S26 on W. half and<br>S25 on E. half; raise a mound of stone<br>2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor., pits impracticable.  |
| 70.00  | Wash, 75 lks. wide, 3 ft. deep, course W.  |
| 80.00  | Set an iron post 3 ft. long, 2 in. in diam., 24 ins. in the ground, for the cor. of secs. 25, 26, 35 and 36, marked on brass cap 1914 on S. rim<br>T8S S26 in NW.,<br>R28E S25 in NE.,<br>S36 in SE. and<br>S35 in SW. quadrant; raise a mound of stone<br>2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor., pits impracticable.<br>Land, rolling.<br>Soil, sandy loam and gumbo, gravelly and stony. 2nd to 4 th rate.<br>No timber.<br>Undergrowth, dense greasewood, mesquite, catclaw and cacti.<br>May 30, 1914. |
| -----  |  |
|        | S. $89^{\circ} 55'$ E., on a random line bet. secs. 25 and 36.   |
| 40.00  | Set temp. $\frac{1}{4}$ sec. cor.  |
| 80.00  | Intersect the East bdy. of Twp. 9 lks. N. of the cor. of secs. 25, 30, 31 and 36, established by me as described in book "A" above ground, marked and witnessed as described in book .<br>Thence I run<br>N. $89^{\circ} 51'$ W., on a true line bet. secs. 25 and 36.<br>Over rolling land, through dense undergrowth.  |
| 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<br>$\frac{1}{4}$ S25 on N. half and<br>S36 on S. half; raise a mound of<br>stone 2 ft. base, $1\frac{1}{2}$ ft. high. N. of cor., pits impracticable.  |
| 51.50  | Wash, 60 lks. wide, 4 ft. deep, course NW.   |
| 54.00  | Point of rocky spur, slopes N., 20 ft. high.   |
| 80.00  | The cor. of secs. 25, 26, 35 and 36.<br>Land; rolling.<br>Soil, gumbo, gravelly and stony, 4th rate.<br>No timber.<br>Undergrowth, dense greasewood, cacti, mesquite and catclaw.<br>May 30, 1914.   |
| -----  |  |
|        | Note: at the cor. of secs. 25, 26, 35 & 36,<br>May 30, 1914; I set off $21^{\circ} 44\frac{1}{2}'$ N. on the decl. arc; and,<br>at apparent noon, observe the sun on the meridian; the<br>resulting lat. is $32^{\circ} 42'$ N., knowing from my retrace-<br>ment of S. bdy. of this Twp. that a closing cor. will be<br>necessary, I run South, on true line, bet. secs. 35 & 36.<br>Over rolling land, through dense undergrowth.  |
| 20.75  | Wash, 80 lks. wide, 4 ft. deep, course NW.   |
| 40.00  | Set an iron post 3 ft. long, 1 in. in diam., 26 ins in the ground, for $\frac{1}{4}$ secs. cor., marked on brass cap 1914 on S. rim  |

Subdivision of T. 8 S., R. 28 E.

|        |   |
|--------|---|
| Chains | <p><math>\frac{1}{2}</math>S35 on W. half and<br/>S36 on E. half; raise a mound of stone<br/>2 ft. base, <math>1\frac{1}{2}</math> ft. high, W. of cor., pits impracticable.<br/>ascend NW. slope, 100 ft. to</p>   |
| 63.00  | <p>Spur ridge, slopes W., 100 ft. above <math>\frac{1}{2}</math> sec. cor., descend<br/>SW. slope.</p>  |
| 72.57  | <p>Intersect the S. bdy. of the Tp., N. <math>87^{\circ} 40'</math> E., 193 lks.<br/>dist. from the orig. cor. of secs. 1, 2, 35 &amp; 36, hereinbefore<br/>described, which cor. I now change to refer to, secs. 1 &amp; 2,<br/>T. 8 S., R. 28 E. only. Land set as described by the U. S.<br/>Surveyor General, at point of intersection set an<br/>iron post 3 ft. long, 2 ins. in diam., 24 ins. in the<br/>ground, for closing cor. of secs. 35 &amp; 36, marked on brass<br/>cap 1914 on S. rim, CC N. of center,<br/>T8S in N.,<br/>S1 S2 T9S in S. and<br/>R28E in W. half;<br/>S35 in NW. and S36 in NE. quadrants;<br/>raise a mound of stone 2 ft. base, <math>1\frac{1}{2}</math> ft. high, N. of<br/>cor., pits impracticable.<br/>Land, rolling.<br/>Soil, gumbo, gravelly and stony, 4th rate.<br/>No timber.<br/>Undergrowth, dense greasewood, mesquite and cacti.<br/>May 30, 1914.</p> |
| -----  |   |
|        | <p>May 28, 1914: At 7h 30m a.m., l.m.t., I set off <math>32^{\circ} 46'</math> N.<br/>on the lat. arc; <math>21^{\circ} 24'</math> N. on the decl. arc; and<br/>determine a meridian with the solar at the cor. of<br/>secs. 2, 3, 34 and 35, on the North bdy. of Tp., ins.<br/>established by me as described in book "A". witnessed<br/>as described in book .</p> <p>Thence I run<br/>S. <math>0^{\circ} 1'</math> E., bet. secs. 2 and 3.<br/>Over gently rolling land. through dense undergrowth.</p>   |
| 17.00  | <p>Wash, 50 lks. wide, 6 ft. deep, course W.</p>  |
| 26.00  | <p>Wash, 10 lks. wide, 2 ft. deep, course W.</p>  |
| 40.00  | <p>Set and iron post 3 ft. long, 1 in. in diam., 26 ins. in<br/>the ground, for <math>\frac{1}{4}</math> sec. cor., marked on brass cap 1914<br/>on S. rim</p>  |
| 80.00  | <p><math>\frac{1}{2}</math>S3 on W. half and<br/>S2 on E. half; raise a mound of stone 2<br/>ft. base, <math>1\frac{1}{2}</math> ft. high, W. of cor., pits impractical.<br/>Set an iron post 3 ft. long, 2 ins. in diam., 20 ins. in<br/>the ground, on hard pan, supported by a mound of stone,<br/>for the cor. of secs. 2, 3, 10 and 11, marked on brass<br/>cap 1914 on S. rim<br/>T8S S3 in NW.,<br/>R28E S2 in NE.,<br/>S11 in SE. and<br/>S10 in SW. quadrant; raise a mound of stone<br/>2 ft. base, <math>1\frac{1}{2}</math> ft. high, W. of cor., pits impracticable.<br/>Land, gently rolling.<br/>Soil, sandy loom and gumbo, gravelly, 2nd and 3rd rate.<br/>No timber.<br/>Undergrowth, dense greasewood, cacti, mesquite and<br/>catclaw.</p>  |
| -----  |   |
| 40.00  | <p>East on a random line bet. secs. 2 and 11.<br/>Set temp. <math>\frac{1}{4}</math> sec. cor.</p>  |
| 80.06  | <p>Intersect the N. and S. line 10 lks. N. of the cor. of<br/>secs. 1, 2, 11 and 12. Thence I run<br/>N. <math>89^{\circ} 56'</math> W., on a true line bet. secs. 2 and 11.<br/>Over gently rolling land, through dense undergrowth.</p>   |
| 7.30   | <p>Wash, 100 lks. wide, 2 ft. deep, course SW.</p>  |
| 14.00  | <p>Wash, 8 lks. wide, 10 ins. deep, course S.</p>   |
| 24.00  | <p>Wash, 30 lks. wide, 2 ft. deep, course SW.</p>   |
| 40.03  | <p>Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in<br/>the ground, for <math>\frac{1}{4}</math> sec. cor., marked on brass cap 1914<br/>on S. rim</p>   |
|        | <p><math>\frac{1}{2}</math>S2 on N. half and<br/>S11 on S. half; raise a mound of stone</p>   |

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## Subdivision of T. 8 S., R. 28 E.

| Chains  |  |
|---|--|
| 56.00   | 2 ft. base, $1\frac{1}{2}$ ft. high, N. of cor., pits impractical.   |
| 80.06   | Wash, 50 lks. wide, 5 ft. deep, course SW.<br>The cor. of secs. 2, 3, 10 and 11.<br>Land, gently rolling.<br>Soil, sandy loom and gumbó, gravelly, 3 rd rate.<br>No timber.<br>Undergrowth, dense greasewood cacti, mesquite and<br>catclaw.   |
| 27.00   | S. $0^{\circ} 1'$ E., bet. secs. 10 and 11.<br>Over gently rolling land, through dense undergrowth.  |
| 40.00   | Wash, 50 lks. wide, 5 ft. deep, course SW.<br>Set an iron post 3 ft. long 1 in. in diam., 26 ins. in<br>the ground. Or $\frac{1}{4}$ sec. cor., marked on brass cap 1914<br>on S. rim<br>$\frac{1}{4}$ S10 on W. half and<br>S11 on E. half; raise a mound of<br>stone 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor., pits<br>impracticable.   |
| 43.00   | Wash, 80 lks. wide, 4 ft. deep, course W.  |
| 80.00   | Set an iron post 3 ft. long, 2 ins. in diam., 24 ins in<br>the ground, for the cor of secs. 10, 11, 14 and 15,<br>marked on brass cap 1914 on S.rim<br>T8S S10 in NW.,<br>R28E S11 in NE.,<br>S14 in SE. and<br>S15 in SW. quadrant; raise a mound of stone<br>2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor., pits impracticable.<br>Land, rolling.<br>Soil, sandy loom and gumbo, gravelly, 3rd rate.<br>No timber.<br>Undergrowth, dense greasewood, cacti, mesquite and<br>catclaw. |
| 40.00   | S. $89^{\circ} 56'$ E., on a random line bet. secs. 11 and 14.   |
| 80.04   | Set temp. $\frac{1}{4}$ sec. cor.<br>Intersection the N. and S. line 12 lks. S. of the cor.<br>secs. 11, 12, 13 and 14. Thence I run<br>S. $89^{\circ} 59'$ W., on a true line bet. secs. 11 and 14.   |
| 40.02   | Over gently rolling land, through dense undergrowth.<br>Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in<br>the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap 1914<br>on S. rim<br>$\frac{1}{4}$ S11 on N. half and<br>S14 on S. half; raise a mound of stone<br>2 ft. base, $1\frac{1}{2}$ ft. high, N. of cor., pits impracticable.  |
| 52.00   | Wash, 15 lks. wide, 5 ft. deep, course SW.   |
| 80.04   | The cor. of secs. 10, 11, 14 and 15.<br>Land, rolling.<br>Soil, sandy loom and gumbo, gravelly, 3rd rate.<br>No timber.<br>Undergrowth, dense greasewood, mesquite, cacti and<br>catclaw.  |
| -----p-----   |  |
| Note: At the cor. of secs. 10, 11, 14 and 15,<br>May 28, 1914: I set off $21^{\circ} 25\frac{1}{2}'$ N. on the decl. arc; and,<br>at apparent noon, observe the sun on the meridian; the<br>resulting lat. is $32^{\circ} 44\frac{1}{2}'$ N., which is the correct lat. |  |
| Thence I run  |  |
| 10.00   | S. $0^{\circ} 1'$ E., bet. secs. 14 and 15.  |
| 40.00   | Over rolling land, through dense undergrowth.<br>Wash, 100 lks. wide, 18 ins. deep, course SW.<br>Set an iron post 3 ft. long 1 in. in diam., 26 ins in<br>the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap 1914<br>on, S. rim<br>$\frac{1}{4}$ S15 on W. half and<br>S14 on E. half; raise a mound of stone<br>2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor., pits impracticable.   |
| 80.00   | Set an iron post 3 ft. long 2 ins. in diam., 24 ins. in<br>the ground, for the cor. of secs. 14, 15, 22 and 23,  |

Chains  
 marked on brass cap 1914 on S. rim  
 T8S S15 in NW.,  
 R28E S14 in NE.,  
 S23 in SE. and  
 S22 in SW. quadrant; raise a mound of stone  
 2 ft. base, 1½ ft. high, W. of cor., pits impracticable.  
 Land, rolling.  
 Soil, sandy loom and gumbo, gravelly, 2nd and 3rd rate.  
 No timber.  
 Undergrowth, dense greasewood, mesquite, cacti and  
 catclaw.

40.00 N. 89° 59' E., on a random line bet. secs. 14 and 23.  
 Set temp. ¼ sec. cor.  
 79.98 Intersect the N. and S. line 10 lks. N. of the cor. of  
 secs. 13, 14, 23 and 24. thence I run  
 N. 89° 57' W., on a true line bet. secs. 14 and 23.  
 39.99 Over gently rolling land, through dense undergrowth.  
 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 S14 on N. half and  
 S23 on S. half; raise a mound of stone  
 2 ft. base, 1½ ft. high, N. of cor., pits impracticable.  
 78.00 Wash, 100 lks. wide, 1 ft. deep, course S. 75° W.  
 79.99 The cor. of secs. 14, 15, 22 and 23.  
 Land, rolling.  
 Soil, sandy loom and gumbo, gravelly, 2nd and 3rd rate.  
 No timber.  
 Undergrowth, dense greasewood, mesquite, cacti and  
 catclaw.

S. 0° 1' E., bet. secs. 22 and 23.  
 Over gently rolling land, through dense undergrowth.  
 .50 Wash, 40 lks. wide, 2 ft. deep, course W.  
 28.00 Wash, 80 lks. wide, 3 ft. deep, course W.  
 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 S22 on W. half and  
 S23 on E. half; raise a mound of stone  
 2 ft. base, 1½ ft. high, W. of cor., pits impracticable.  
 56.00 Wash, 10 lks. wide 1 ft. deep, course NW.  
 79.40 Wash, 30 lks. wide, 10 ft. deep, course W.  
 80.00 Set an iron post 3 ft. long 2 ins. in diam., 24 ins in  
 the ground, for the cor. of secs. 22, 23, 26 and 27,  
 marked on brass cap 1914 on S. rim  
 T8S S22 on NW.,  
 R28E S23 on NE.,  
 S26 on SE. and  
 S27 on SW. quadrants; raise a mound of  
 stone 2 ft. base, 1½ ft. high, W. of cor., pits  
 impracticable.  
 Land, rolling.  
 Soil, sandy loom and gumbo, gravelly, 1st to 3rd rate.  
 No timber.  
 Undergrowth, dense greasewood, cacti and mesquite.  
 May 28, 1914

May 30, 1914.  
 40.00 S. 89° 57' E., on a random line bet. secs, 23 and 26.  
 Set temp. ¼ sec. cor.  
 79.94 Intersect the N. and S. line 12 lks. S. of the cor. of  
 secs. 23, 24, 25 and 26. Thence I run  
 S. 89° 58' W., on a true line bet. secs. 23 and 26.  
 Over rolling land, through dense undergrowth.  
 39.97 Set an iron post 3 ft. long, 1 in. in diam., 26 in. in  
 the ground, for ¼ sec. cor., marked on brass cap 1914  
 on S. rim  
 ¼ S23 on N. half and  
 S26 on S. half; raise a mound of stone

| Chains |   |
|--------|---|
| 79.94  | <p>2 ft. base, <math>1\frac{1}{2}</math> ft. high, N. of cor., pits impractical.<br/> The cor. of sec. 22, 23, 26 and 27.<br/> Land, rolling.<br/> Soil, sandy loom and gumbo, gravelly, 1st to 4th rate.<br/> No timber.<br/> Undergrowth, dense greasewood, mesquite and catclaw.<br/> May 30, 1914.</p>  |
|        | -----   |
|        | <p>May 28, 1914<br/> S. <math>0^{\circ}</math> 1' E. bet. secs. 26 and 27.<br/> Over rolling land, through dense undergrowth.<br/> Wash, 65 lks. wide, 10 ft. deep, course W.<br/> Short ridge, 30 ft. high, bears E. and W.<br/> Wagon road, bears E. and W.<br/> Short ridge, bears E. and W., 30 ft. high.<br/> Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in<br/> the ground, for <math>\frac{1}{4}</math> sec. cor., marked on brass cap 1914<br/> on S. rim<br/> <math>\frac{1}{4}</math>S27 on W. half and<br/> S26 on E. half; raise a mound of stone<br/> 2 ft. base, <math>1\frac{1}{2}</math> ft. high, W. of cor., pits impracticable.<br/> Continue over rolling hills, slope W.<br/> Set an iron post 3 ft. long, 2 ins. in diam., 24 ins. in<br/> the ground, for the cor. of secs. 26, 27, 34 and 35,<br/> marked on brass cap 1914 on S. rim<br/> T8S S27 in NW.,<br/> R28E S26 in NE.,<br/> S35 in SE? and<br/> S34 in SW. quadrants; raise a mound of stone<br/> 2 ft. base, <math>1\frac{1}{2}</math> ft. high, W. of cor., pits impracticable.<br/> Land, rolling and hilly.<br/> Soil, sandy loom and gumbo, 1st to 4th rate, gravelly.<br/> No timber.<br/> Undergrowth, dense greasewood and mesquite.<br/> May 28, 1914.</p> |
|        | -----   |
|        | <p>May 30, 1914<br/> N. <math>89^{\circ}</math> 58' E., on a random line bet. secs. 26 and 35.<br/> Set temp. <math>\frac{1}{4}</math> sec. cor.<br/> Intersect the N. and S. line 7 lks. N. of the cor. of<br/> secs. 25, 26, 35 and 36.<br/> Thence I run<br/> N. <math>89^{\circ}</math> 59' W., on a true line bet. secs. 26 and 35.<br/> Over rolling land, through dense undergrowth.<br/> Wash, 60 lks. wide, 3 ft. deep, course NW.<br/> Spur, slopes N., 20 ft. high.<br/> Wash, 10 lks. wide, 1 ft. deep, course N.<br/> Set an iron post 3 ft. long, 1 in. in diam., 16 ins. in<br/> the ground, <del>barbed rock supported by a mound of stone,</del><br/> <del>marked on brass cap 1914 on S. rim</del><br/> <math>\frac{1}{4}</math>S26 on N. half and<br/> S35 on S. half; raise a mound of<br/> stone 2 ft. base, <math>1\frac{1}{2}</math> ft. high, N. of cor., pits imprac.<br/> May 30, 1914.</p>   |
|        | -----   |
|        | <p>May 31, 1914<br/> Spur, slopes N., 40 ft. high.<br/> Draw, course N.<br/> Spur, slopes N., 45 ft. high.<br/> Draw, course N.<br/> Spur, slopes N., 35 ft. high.<br/> Wash, 100 lks. wide, 10 ft. deep, course N.<br/> Spur, slopes N., 35 ft. high.<br/> Draw, course N.<br/> Spur, slopes N., 40 ft. high.<br/> Draw, course N.<br/> Ridge, bears N. and S., 50 ft. high.<br/> The cor. of secs. 26, 27, 34 and 35,<br/> Land, rolling and hilly.<br/> Soil, sandy loom and gumbo, gravelly and stony, 4th rate.<br/> No timber.<br/> Undergrowth, dense greasewood, mesquite, cacti and<br/> catclaw.<br/> May 31, 1914.</p>   |
|        | -----   |
|        | <p>Knowing from my retracement of the S. bdy. that a closing<br/> cor. will be necessary, I run,</p>  |

Subdivision of T. 8 S., R. 28 E.

Chains

S.  $0^{\circ} 1'$  E., on a true line bet. secs. 34 and 35.  
 Over rolling hills, drain W., through dense undergrowth.  
 2.50 Spur, slopes NW., 25 ft. high.  
 7.00 Draw, course NW.  
 22.00 Ridge, bears NE. and SW., 50 ft. high.  
 24.50 Draw, course NE., ascend NE. slope.  
 34.00 Broken cliff, bears, NW. and SE., 75 ft. high. (foot)  
 35.00 Top of E. end of cliffs, 150 ft. above last draw,  
 descend SE. slope.  
 36.00 Foot of cliffs, bears NE. and SW.  
 40.00 Set an iron post 3 ft. long, 1 in. in diam., 10 ins. in  
 the ground, on bed rock, supported by a mound of stone,  
 for  $\frac{1}{4}$  sec. cor., marked on brass cap 1914 on S. rim  
 $\frac{1}{4}$ S34 on W. half and  
 S35 on E. half; raise a mound of stone  
 2 ft. base,  $1\frac{1}{2}$  ft. high, W. of cor., pits impracticable.  
 44.00 Foot of descent, 125 ft. below top of cliffs, continue  
 along rolling E. slope.  
 47.00 Draw, course E.  
 50.00 Spur, slopes E., 25 ft. high.  
 52.00 Draw course E.  
 57.00 Spur, slopes E., 25 ft. high.  
 60.00 Wash, 100 lks. wide, 5 ft. deep, course NE.  
 68.00 Spur, slopes E., 40 ft. high.  
 72.75 Wash, 40 lks. wide, 5 ft. deep, course E.  
 73.53 Intersect the S. boundary of the Tp., N.  $89^{\circ} 25'$  E., 269  
 lks. dist., from the orig. cor. of secs. 2, 3, 34 & 35 S.,  
 hereinbefore described, which cor. I now change to,  
 refer to secs. 2 & 3, T. 8 S., R. 28 E. only and 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. 34 & 35, marked on  
 brass cap 1914 on S. rim, CC N. of center,  
 T8S in N.,  
 S2 S3 E9SE in S. and  
 R28E in W. half;  
 S34 in NW. and  
 S35 in NE. quadrant; raise a mound of  
 stone 2 ft. base,  $1\frac{1}{2}$  ft. high, N. of cor., pits  
 impracticable.  
 Land, hilly;  
 Soil, gumbo, gravelly, stony, 4th rate.  
 No timber.  
 Undergrowth, dense greasewood, cacti, mesquite and  
 catclaw. May 31, 1914.

May 29, 1914: At 8h a.m., l.m.t., I set off  $32^{\circ} 46'$  N.,  
 on the lat. arc;  $21^{\circ} 34'$  N. on the decl. arc; and  
 determine a meridian with the solar at the cor. of  
 secs. 3, 4, 33 and 34, on the North bdy. of Tps. ins.  
 established by me as described, in book "A" witnessed  
 as described in book

Thence I run

S.  $0^{\circ} 2'$  E., bet. secs. 3 and 4.  
 Over gently rolling land, through dense undergrowth.  
 30.00 Wash, 60 lks. wide, 4 ft. deep, course W.  
 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  
 $\frac{1}{4}$ S4 on W. half and  
 S3 on E. half; raise a mound of stone  
 2 ft. base,  $1\frac{1}{2}$  ft. high, W. of cor., pits impracticable.  
 78.00 Wash, 12 lks. wide, 1 ft. deep, course SW.  
 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  
 T8S S4 in NW.,  
 R28E S3 in NE.,  
 S10 in SE. and  
 S9 in SW. quadrant; raise a mound of stone  
 2 ft. base,  $1\frac{1}{2}$  ft. high, W. of cor., pits impracticable.

## Subdivision of T. 8 S., R. 28E.

Chains

Land, gently rolling.  
Soil, sandy loom and gumbo, gravelly, 2nd and 3rd rate.  
No timber.  
Undergrowth, dense greasewood, cacti and mesquite.

May 20, 1914.

East on a random line bet. secs. 3 and 10.  
40.00 Set temp.  $\frac{1}{4}$  sec. cor.  
80.04 Intersect the N. and S. line 7 lks. S. of the cor. of  
secs. 2, 3, 10 and 11. Thence I run  
S.  $89^{\circ} 57' W.$ , on a true line bet. secs. 3 and 10.  
Over gently rolling land, through dense undergrowth.  
40.02 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  
 $\frac{1}{4}S3$  on N. half and  
S10 on S. half; raise a mound of stone  
2 ft. base,  $1\frac{1}{2}$  ft. high, N. of cor., pits impracticable.  
66.00 Wash, 10 lks. wide, 3 ft. deep, course SW.  
80.04 The cor. of secs. 3, 4, 9 and 10.  
Land, gently rolling.  
Soil, sandy loom and gumbo, gravelly, 2nd. and 3rd rate.  
No timber.  
Undergrowth, dense greasewood, cacti, mesquite and  
catclaw.

May 20, 1914.

S.  $0^{\circ} 2' E.$ , bet. secs. 9 and 10.  
Over gently rolling land, through dense undergrowth.  
14.00 Wash, 20 lks. wide, 4 ft. deep, course W.  
34.00 Wash, 100 lks. wide, 2 ft. deep, course W.  
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  
 $\frac{1}{4}S9$  on W. half and  
S10 on E. half; raise a mound of stone  
2 ft. base,  $1\frac{1}{2}$  ft. high, W. of cor., pits impracticable.  
48.00 Wash, 20 lks. wide, 1 ft. deep, course W.  
57.30 Dim wagon road, bears NW. and SE.  
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  
T8S S9 in NW.,  
R28E S10 in NE.,  
S15 in SE. and  
S16 in SW. quadrant; raise a mound of stone 2  
ft. base,  $1\frac{1}{2}$  ft. high, W. of cor., pits impracticable.  
Land, gently rolling.  
Soil, sandy loom and gumbo, gravelly, 2nd to 4th rate.  
No timber.  
Undergrowth, dense greasewood, cacti and mesquite.

May 20, 1914.

N.  $89^{\circ} 57' E.$ ? on a random line bet. secs. 10 and 15.  
40.00 Set temp.  $\frac{1}{4}$  sec. cor.  
80.14 Intersect the N. and S. line 5 lks. N. of the cor. of  
secs. 10, 11, 14 and 15. Thence I run  
S.  $89^{\circ} 59' W.$ , on a true line bet. secs. 10 and 15.  
Over gently rolling land, through dense undergrowth.  
28.00 Wash, 15 lks. wide, 2 ft. deep, course SW.  
40.07 Set an iron post 3 ft. long, 1 in. in diam., 16 ins. in  
the ground, on hard pan, supported by a mound of stone,  
for  $\frac{1}{4}$  sec. cor., marked on brass cap 1914 on S. rim  
 $\frac{1}{4}S10$  on N. half and  
S15 on S. half; raise a mound of stone 2 ft.  
base,  $1\frac{1}{2}$  ft. high, N. of cor., pits impracticable.  
80.14 The cor. of secs. 9, 10, 15 and 16.  
Land, gently rolling.  
Soil, sandy loom and gumbo, gravelly, 2nd to 4th rate.  
No timber.  
Undergrowth, dense greasewood, mesquite and cacti.

May 20, 1914.

|        |   |
|--------|---|
| Chains | Note: At the cor. of secs. 9, 10, 15 and 16.<br>May 29, 1914: I set off 21° 35' N. on the decl. arc;<br>and, at apparent noon, observe the sun on the meridian;<br>the resulting lat. is 32° 44½' N., which is the correct<br>lat. Thence I run<br>S. 0° 2' E., bet secs. 15 and 16.<br>Over gently rolling land, through dense undergrowth.<br>Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in<br>the ground, for ¼ sec. cor., marked on brass cap 1914<br>on S. rim<br>¼S16 on W. half and<br>S15 on E. half; raise a mound of stone<br>2 ft. base, 1½ ft. high, W. of cor., pits impractical.<br>Wash, 80 lks. wide, 3 ft. deep, course W.<br>Wash, 20 lks. wide, 1 ft. deep, course W.<br>Set an iron post 3 ft. long, 2 ins. in diam., 24 ins. in<br>the ground, for the cor. of secs. 15, 16, 21 and 22,<br>marked on brass cap 1914 on S. rim<br>T8S S16 in NW.,<br>R28E S15 in NE.,<br>S22 in SE. and<br>S21 in SW. quadrant; raise a mound of<br>stone 2 ft. base, 1½ ft. high, W. of cor., pits<br>impractical.<br>Land, gently rolling,<br>Soil, sandy loom and gumbo, gravelly, 3rd and 4th rate.<br>No timber.<br>Undergrowth, dense greasewood, mesquite, cacti and<br>catclaw.<br>MAY 29, 1914 |
| 40.00  | N. 89° 59' E., on a random line bet. secs. 15 and 22,<br>Set temp. ¼ sec. cor.  |
| 80.16  | Intersect the N. and S. line 2 lks. S. of the cor. of<br>secs. 14, 15, 22 and 23. Thence I run<br>S. 89° 58' W. on a true line bet. secs. 15 and 22.<br>Over gently rolling land, through dense undergrowth.  |
| 40.08  | Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in<br>the ground, for ¼ sec. cor., marked on brass cap 1914<br>on S. rim<br>¼S15 on N. half and<br>S22 on S. half; raise a mound of stone 2<br>ft. base, 1½ ft. high, N. of cor., pits impracticable.  |
| 80.16  | Cor. of secs. 15, 16, 21 & 22. Land, gently rolling.<br>Soil, sandy loom and gumbo, gravelly, 2nd to 4th rate.<br>No timber.<br>Undergrowth, dense greasewood cacti, mesquite and catclaw.<br>MAY 29, 1914  |
| 3.00   | S. 0° 2' E., bet. secs. 21 and 22.<br>Over gently rolling land, through dense undergrowth.<br>Wash, 12 lks. wide, 1 ft. deep, course W.   |
| 18.00  | Wagon road, bears NW. and SE.   |
| 25.00  | Wash, 20 lks. wide, 1 ft. deep, course SW.  |
| 27.85  | Wire fence, bears E. and W.   |
| 39.60  | Wash, 30 lks. wide, 6 ins. deep, course W.  |
| 40.00  | Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in<br>the ground, for ¼ sec. cor., marked on brass cap 1914<br>on S. rim<br>¼S21 on W. half and<br>S22 on E. half; raise a mound of stone<br>2 ft. base, 1½ ft. high, W. of cor., pits impracticable.  |
| 43.20  | Wagon road, bears NE. and SW.   |
| 50.25  | Same road, bears NW and SE.   |
| 56.35  | 111— Ranch, house bears S. 33° E., Pump house bears<br>S. 20° E.  |
| 59.75  | Wagon road, bears E. and W.   |
| 60.30  | Wire fence, bears E. and W.   |
| 64.00  | Tank bears E. about 100 lks. dist., 111— Ranch, house<br>bears N. 74° E., Pump house bears S. 69° E.  |
| 80.00  | Set an iron post 3 ft. long, 2 ins. in diam., 24 ins. in<br>the ground, for the cor. of secs. 21, 22, 27 and 28,<br>Marked on brass cap 1914 on S. rim  |

## Chains

|       |   |
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|       | <p>T8S S21 in NE.,<br/>R28E S22 in NE.,<br/>S27 in SE. and<br/>S28 in SW. quadrant; raise a mound of stone<br/>2 ft. base, <math>1\frac{1}{2}</math> ft. high, W. of cor., pits impracticable.<br/>Land, gently rolling.<br/>Soil, sandy loom and gumbo, gravelly, 1st to 3rd rate.<br/>No timber.<br/>Undergrowth, scattering with patches of dense greasewood,<br/>cacti and catclaw.</p> <p style="text-align: right;">May 29, 1914.</p> <p>-----</p> <p>May 30, 1914: At 6h 30m a.m., l.m.t., I set off <math>32^{\circ} 43'</math> N.<br/>on the lat. arc; <math>21^{\circ} 43\frac{1}{2}'</math> N. on the decl. arc; and<br/>determine a meridian with the solar at the cor, of secs.<br/>21, 22, 27 and 28, Thence I run<br/>N. <math>89^{\circ} 58'</math> E., on a random line bet. secs. 22 and 27.<br/>Set temp. <math>\frac{1}{4}</math> sec. cor.<br/>The cor of secs. 22, 23, 26 and 27, thence I run<br/>S. <math>89^{\circ} 58'</math> W., on a true line bet. secs. 22 and 27.<br/>Over rolling land, through dense undergrowth.<br/>Wash, 200 lks. wide, 5 ft. deep, course NW.<br/>Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in<br/>the ground, for WC to <math>\frac{1}{4}</math> sec. cor., marked on brass cap<br/>1914 on S. rim<br/>WC W. of center,<br/><math>\frac{1}{4}</math>S22 on N. half and<br/>S27 on S. half; raise a mound of stone 2<br/>ft. base, <math>1\frac{1}{2}</math> ft. high, N. of cor., pits impracticable.<br/>Enter wash, 60 lks. wide, from NE., course West.<br/>True point for <math>\frac{1}{4}</math> sec. cor., falls in wash.<br/>Leave wash, course SW.<br/>Wagon road, bears NE. and SE.<br/>Wire fence, bears N. and S.<br/>The cor. of secs. 21, 22, 27 and 28.<br/>Land, gently rolling.<br/>Soil, sandy loom and gumbo, gravelly, 1st and 2nd rate.<br/>No timber.<br/>Undergrowth, scattering with patches of dense mesquite,<br/>catclaw and greasewood.</p> <p style="text-align: right;">May 30, 1914.</p> <p>-----</p> <p>May 29, 1914<br/>S. <math>0^{\circ} 2'</math> E., bet. secs. 27 and 28.<br/>Over gently rolling land, through scattering undergrowth.<br/>Wire fence, bears E. and W.<br/>Dim wagon road, bears NE. and SW.<br/>Enter rolling hills, drain NW., Old lime kiln, bears<br/>S. <math>50^{\circ}</math> E.<br/>Same kiln, bears S. <math>80^{\circ}</math> E.<br/>Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in<br/>the ground, for <math>\frac{1}{4}</math> sec. cor., marked on brass cap 1914<br/>on S. rim<br/><math>\frac{1}{4}</math>S28 on W. half and<br/>S27 on E. half; raise a mound of stone 2<br/>ft. base, <math>1\frac{1}{2}</math> ft. high, W. of cor., pits impracticable.</p> |
| 40.00 |   |
| 80.16 |   |
| 20.00 |   |
| 31.16 |   |
| 32.00 |   |
| 40.08 |   |
| 48.00 |   |
| 60.35 |   |
| 73.56 |   |
| 80.16 |   |
| 21.90 |   |
| 23.40 |   |
| 28.00 |   |
| 38.00 |   |
| 40.00 |   |
| 40.50 |   |
| 48.00 |   |
| 56.00 |   |
| 71.00 |   |
| 76.00 |   |
| 76.75 |   |
| 77.25 |   |
| 78.65 |   |
| 79.70 |   |
| 80.00 |   |
|       | <p>Set an iron post 3 ft. long, 2 ins. in diam., 20 ins. in<br/>the ground, on bed rock, supported by a mound of stone,<br/>for the cor. of secs. 27, 28, 33 and 34, marked on brass<br/>cap 1914 on S. rim<br/>T8S S28 in NW.,<br/>R28E S27 in NE.,<br/>S34 in SE. and<br/>S33 in SW. quadrant; raise a mound of stone 2</p>   |

Chains ft. base, 1½ ft. high, W. of cor., pits impracticable.  
 Land, rolling and hilly.  
 Soil, sandy loom and gumbo, gravelly, 1st. to 4th rate.  
 No timber.  
 Undergrowth, scattering with patches of dense cacti,  
 greasewood and catclaw. May 29, 1914.

May 31. 1914

N. 89° 58' E., on a random line bet. secs. 27 and 34.  
 40.00 Set temp. ¼ sec. cor.  
 80.16 Intersect the N. and S. line 14 lks. N. of the cor. of  
 secs. 26, 27, 34 and 35. Thence I run  
 N. 89° 56' W., on a true line bet. secs. 27 and 34.  
 Over rolling hills drain N., through dense undergrowth.  
 2.00 Draw, course N.  
 5.00 Spur, slopes N., 45 ft. high,  
 7.00 Draw, course N.  
 9.00 Spur, slopes N. 25 ft. high.  
 11.00 Draw, course N.  
 12.00 Spur, slopes N. 25 ft. high.  
 14.00 Draw, course N.  
 15.00 Spur, slopes N. 25 ft. high,  
 18.00 Draw, course N.  
 28.00 Spur ridge, slopes N., 60 ft. high.  
 35.00 Draw, course N.  
 38.75 Spur, slopes N., 50 ft. high.  
 39.50 Draw, course N.  
 40.08 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 S27 on N. half and  
 S34 on S. half; raise a mound of stone  
 2 ft. base, 1½ ft. high, N. of cor., pits impracticable.  
 41.00 Spur, slopes N., 25 ft. high.  
 41.50 Draw, course N.  
 45.00 Spur, slopes N., 45 ft. high.  
 47.25 Draw, course N., ascend NE. slope, 60 ft. to  
 56.00 Spur, slopes N., 30 ft. above last  
 58.00 Draw, course N., 20 ft. deep, ascend NE. slope, 160 ft. to  
 69.00 Spur ridge, slopes N., 30 ft. above last  
 descend W. slope.  
 78.40 Draw, course N.  
 78.80 Spur, slopes N.  
 80.16 The cor. of secs. 27, 28, 33 and 34, 250 ft. below  
 69.00 ch. point.  
 Land, hilly and mountainous.  
 Soil, stony gumbo, 4th rate.  
 No timber.  
 Undergrowth, dense greasewood, cacti, mesquite and  
 catclaw.

~~Knowing from my retracement of the South bdy. of Tp. that  
 a closing cor. will be necessary I run,~~  
 S. 0° 2' E., on a true line bet. secs. 33 and 34.

Asc. N. slope, through dense undergrowth. Asc. N. slope, 240 ft. to  
 10.00 Spur, slopes NW., Descend SW. slope, 140 ft. to  
 slope 140 ft.  
 24.00 Draw, course W., Ascend NW. slope, 50 ft. to  
 slope.  
 28.00 Spur, slopes W., 30 ft. above draw, descend SW. slope, 25 ft. to  
 32.00 Draw, course NW. 25 ft. below spur, ascend N. slope, 270 ft. to  
 40.00 Set an iron post 3 ft. long, 1 in. in diam., 10 ins. in  
 the ground, on bed rock, supported by a mound of stone,  
 marked on brass cap 1914 on S. rim  
 ¼ S33 on W. half and  
 S34 on E. half; raise a mound of stone  
 2 ft. base, 1½ ft. high, W. of cor., pits impracticable.  
 48.00 Ridge, bears E. and W., 270 ft. above draw, descend S.  
 slope.  
 52.50 Rim rock, 15 ft. high, bears E. and W.  
 54.50 Draw, course W., 110 ft. below ridge, ascend N. slope, 40 ft. to  
 64.00 Spur ridge, slopes W., 30 ft. above draw, descend SW.  
 slope, 30 ft. to  
 67.00 Draw, course W., 30 ft. below spur ridge, ascend NW.  
 slope, 20 ft. to

Subdivision of T. 8 S., R. 28 E.

Chains

70.00 Spur, slopes W., descend SW. slope.  
 73.41 Intersect the S. bdy. of the Tp., S. 88° 9' E., 283 lks.  
 dist. from the orig. cor. of secs. 3, 4, 33 & 34, hereinbefore  
 described, which cor. I now change to refer to secs.  
 3 & 4, T. 9 S., R. 28 E. only and set 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.  
 33 & 34, marked on brass cap 1914 on S. rim, CC N. of center,  
 T8S in N.,  
 S3 S4 T9S in S. and  
 R28E in W. half;  
 S33 in NW. and  
 S34 in NE. quadrant; raise a mound  
 stone 2 ft. base, 1½ ft. high, N. of cor., pits  
 impractical.  
 Land, mountainous.  
 Soil, stony gumbo, 4th rate.  
 No timber.  
 Undergrowth, dense greasewood, catclaw, cacti and mesquite.  
 May 31, 1914.

June 2, 1914: At 8h a.m., l.m.t., I set off 32° 46' N. on  
 the lat. arc; 22° 8½' N. on the decl. arc; and determine  
 a meridian with the solar at the cor. of secs. 4, 5,  
 32 and 33, on the North boundary of the township, as  
 established by me as described in book 2778 in  
 T. 8 S., R. 28 E. Thence I run

S. 0° 2' E., bet. secs. 4 and 5.  
 Over gently rolling land, through dense undergrowth.  
 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  
 ½ S5 on W. and  
 S4 on E. half; raise a mound of stone 2  
 ft. base, 1½ ft. high, W. of cor., pits impracticable.  
 66.00 Wash, 100 lks. wide, 3 ft. deep, course W.  
 80.00 Set an iron post 3 ft. long, 2 ins. in diam., 24 ins. in  
 the ground, near the cor. of secs. 4, 5, 8 and 9, marked  
 on brass cap 1914 on S. rim  
 T8S S5 in NW.,  
 R28E S4 in NE.,  
 S9 in SE. and  
 S8 in SW. quadrant; raise a mound of stone  
 2 ft. base, 1½ ft. high, W. of cor., pits impracticable.  
 Land, gently rolling.  
 Soil, sandy loom and gumbo, gravelly, 2nd and 3rd rate.  
 No timber.  
 Undergrowth, dense greasewood, mesquite, catclaw and  
 cacti.

East on a random line bet. secs. 4 and 9.  
 40.00 Set temp. ¼ sec. cor.  
 80.06 Intersect the N. and S. line 2 lks. N. of the cor. of  
 secs. 3, 4, 9 and 10. Thence I run  
 N. 89° 59' W., on a true line bet. secs. 4 and 9.  
 Over gently rolling land, through dense undergrowth,  
 3:50 Wash, 15 lks. wide, 2 ft. deep, course SW.  
 19.00 Wash, 12 lks. wide, 2 ft. deep, course SW.  
 40.03 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. and  
 S9 on S. half; raise a mound of stone 2 ft.  
 base, 1½ ft. high, N. of cor., pits impracticable.  
 48.00 Wash, 30 lks. wide, 3 ft. deep, course SW.  
 61.00 Wash, 30 lks. wide, 3 ft. deep, course NW.  
 80.06 The cor. of secs. 4, 5, 8 and 9:  
 Land, gently rolling.  
 Soil, sandy loom and gumbo, gravelly, 2nd and 3rd rate.  
 No timber.  
 Undergrowth, dense greasewood, mesquite, catclaw and  
 cacti.

Subdivision of T. 8 S., R. 28 E.

Chains

S. 0° 2' E., bet. sec, 8 and 9.  
 Over gently rolling land, through dense undergrowth.  
 16.00 Wash, 60 lks, wide, 4 ft. deep, course W.  
 36.00 Wash, 75 lks, wide, 4 ft. deep, course W.  
 36.50 Wagon road, bears E. and W.  
 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  
 $\frac{1}{4}$ S8 on W. and  
 $\frac{1}{4}$ S9 on E. half; raise a mound of stone 2  
 ft. base,  $1\frac{1}{2}$  ft. high, W. of cor., pits impractical.  
 76.50 Wash, 10 lks. wide, 1 ft. deep, course W.  
 79.00 Wash. 10 lks. wide, 1 ft. deep, course NW.  
 80.00 Set and iron post 3 ft. long, 2 ins. in diam., 24 ins.  
 in the ground, for cor. of secs. 8, 9, 16 and 17,  
 marked on brass cap 1914 on S. rim  
 T8S S8 kn NW.,  
 R28E S9 in NE.,  
 S16 in SE. and  
 S17 in SW. quadrant; raise a mound of stone  
 2 ft. base,  $1\frac{1}{2}$  ft. high, W. of cor., pits impracticable.  
 Land, gently rolling.  
 Soil, sandy loam and gumbo, gravelly, 2nd to 4 th rate.  
 No timber.  
 Undergrowth, dense greasewood, mesquite and catclaw.  
 June 2, 1914.

S. 89° 59' E., on a random line bet. secs, 9 and 16.  
 40.00 Set temp.  $\frac{1}{4}$  sec. cor.  
 80.06 Intersect the N. and S. line 3 lks. N. of the cor. of  
 secs. 9, 10, 15 and 16. Thence I run  
 N. 89° 58' W., on a true line bet. secs, 9 and 16.  
 Over gently rolling land, through dense undergrowth.  
 13.50 Wash 12 lks. wide, 2 ft. deep, course NW.  
 40.03 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  
 $\frac{1}{4}$ S9 on N. and  
 $\frac{1}{4}$ S16 on S. half; raise a mound of stone  
 2 ft. base,  $1\frac{1}{2}$  ft. high, N. of cor., pits impracticable.  
 54.30 Wagon road, bears NW. and SE.  
 79.00 Wash, 10 lks. wide, 1 ft. deep, course NW.  
 80.06 The cor. of secs, 8, 9, 16 and 17.  
 Land, gently rolling,  
 Soil, sandy loam and gumbo, gravelly, 2nd and 3rd rate.  
 Undergrowth, dense greasewood, cacti, mesquite and  
 catclaw.  
 June 2, 1914.

Note: At the cor. of secs. 8, 9, 16 and 17,  
 June 2, 1914: I set off 22° 10' N. on the decl. arc;  
 and, at apparent noon, observe the sun on the meridian;  
 the resulting lat. is 32° 44 $\frac{1}{2}$ ' N., which is the correct  
 lat. Thence I run

S. 0° 2' E., bet. secs. 16 and 17.  
 Over gently rolling land, through dense undergrowth.  
 13.00 Wash 12 lks. wide, 3 ft. deep, course NW.  
 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  
 $\frac{1}{4}$ S17 on W. and  
 $\frac{1}{4}$ S16 on E. half; raise a mound of stone  
 2 ft. base,  $1\frac{1}{2}$  ft. high, W. of cor., pits impracticable.  
 70.00 Wash, 40 lks. wide, 3 ft. deep, course W.  
 80.00 Set an iron post 3 ft. long, 2 ins. in diam., 24 ins. in  
 the ground, for the cor. of secs. 16, 17, 20 and 21,  
 marked on brass cap 1914 on S. rim  
 T8S S17 in NW.,  
 R28E S16 in NE.,  
 S21 in SE. and  
 S20 in SW. quadrant; raise a mound of stone  
 2 ft. base,  $1\frac{1}{2}$  ft. high, W. of cor., pits impractical.  
 Land, gently rolling.

Chains

Soil, sandy loam and gumbo, gravelly, 2nd to 4th rate.  
No timber.  
Undergrowth, dense greasewood, mesquite, catclaw and  
cacti.

40.00  
80.04

S. 89° 58' E., on a random line bet. secs. 16 and 21.  
Set temp.  $\frac{1}{4}$  sec. cor.

Intersect the N. and S. line 7 lks. N. of the cor. of  
secs. 15, 16, 21 and 22. Thence I run

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

Over gently rolling land, through dense undergrowth.

12.60

Wagon road, bears N. and S.

40.02

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

$\frac{1}{4}$ S16 on N. and

S21 on S. half; raise a mound of stone

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

74.00

Wash, 40 lks. wide, 2 ft. deep, course NW.

80.04

The cor. of secs. 16, 17, 20 and 21.

Land, gently rolling,

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

No timber.

Undergrowth, dense greasewood, mesquite, cacti and catclaw.

28.00

S. 0° 2' E., bet. secs. 20 and 21.

Over gently rolling land, through dense undergrowth.

32.75

Wash, 20 lks. wide, 1 ft. deep, course W.

40.00

Wire fence, bears E. and W.

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

$\frac{1}{4}$ S20 on W. and

S21 on E. half; raise a mound on stone

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

45.75

Wagon road, bears 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. 20, 21, 28 and 29,  
marked on brass cap 1914 on S. rim

T8S S20 in NW.,

R28E S21 in NE.,

S28 in SE. and

S29 in SW. quadrant; raise a mound of stone

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

Land, gently rolling.

Soil, sandy loam and gumbo, gravelly, 1st to 4th rate.

No timber.

Undergrowth, north  $\frac{1}{2}$  mile, dense greasewood, mesquite  
and catclaw, south  $\frac{1}{2}$  very scattering.

June 2, 1914.

40.00

S. 89° 55' E., on a random line bet. secs. 21 and 28.

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

79.98

Intersect the N. and S. line 5 lks. S. of the cor. of  
secs. 21, 22, 27 and 28, Thence I run

N. 89° 57' W., on a true line bet. secs. 21 and 28.

Over level land.

26.00

Top of Clay knoll, 12 ft. high, about 75 ft. in diam. at  
the base.

39.99

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

$\frac{1}{4}$ S21 on N. and

S28 on S. half; raise a mound of stone

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

79.98

The cor. of secs. 20, 21, 28 and 29.

Land, level.

Soil, sandy loam and gumbo, 1st and 2nd rate.

No timber.

Undergrowth, very scattering, greasewood and mesquite.

June 2, 1914

Subdivision of T. 8 S., R. 28 E.

Chains

June 5, 1914: At 6h 45m a.m., l.m.t., I set off 32° 43' N. on the lat. arc; 22° 31' N. on the decl. arc; and determine a meridian with the solar at the cor. of secs. 20, 21, 28 and 29. Thence I run S. 0° 2' E., bet. secs. 28 and 29. Over level land.

30.00 Enter dense undergrowth, bears E. and W.

38.00 Enter rolling land, bears E. and W.

39.15 Wire fence, bears E. and W.

40.00 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground, for 1/4 sec. cor., marked on brass cap 1914 on S. rim

1/4 S29 on W. and S28 on E. half; dig pits 18x18x12 ins. N. and S. of post, 3 ft. dist.; and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high, W. of cor.

50.00 Wash, 20 lks. wide, 2 ft. deep, course NW.

53.50 Wash, 20 lks. wide, 2 ft. deep, course NW.

67.00 Spur, slopes W., 50 ft. high.

71.00 Draw, course W.

74.00 Spur, slopes W., 40 ft. high.

76.00 Draw, course W.

79.00 Spur, slopes W., 25 ft. high.

79.75 Draw, course NW.

80.00 Set an iron post 3 ft. long 2 ins. in diam., 24 ins. in the ground, for the cor. of secs. 28, 29, 32 and 33, marked on brass cap 1914 on S. rim

T8S S29 in NW., R28E S28 in NE., S33 in SE. and S32 in SW. quadrant; raise a mound of stone 2 ft. base, 1 1/2 ft. high, W. of cor., pits impracticable.

Land, level and hilly.

Soil, sandy loom and gumbo. gravelly, 1st to 4th rate.

No timber.

Undergrowth, last 50 chs. dense greasewood, cacti and mesquite.

S. 89° 57' E., on a random line bet. secs. 28 and 33.

40.00 Set temp. 1/4 sec. cor.

79.98 Intersect the N. and S. line 7 lks. S. of the cor. of secs. 27, 28, 33 and 34. Thence I run West on a true line bet. secs. 28 and 33. Over hilly land, through dense undergrowth.

1.00 Draw, course N.

6.00 Spur, slopes N., 40 ft. high.

11.00 Draw, course N.

16.00 Spur, slopes N., 40 ft. high.

18.50 Draw, course N.

22.00 Spur, slopes N., 40 ft. high.

34.50 Draw, course N.

36.00 Spur, slopes N., 40 ft. high.

37.70 Draw, course N.

39.65 Spur, slopes N., 40 ft. high.

39.99 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground, for 1/4 sec. cor., marked on brass cap 1914 on S. rim

1/4 S28 on N. and S33 on S. half; raise a mound of stone 2 ft. base, 1 1/2 ft. high, N. of cor., pits impracticable.

55.00 Draw, course N.

58.40 Spur, slopes N., 35 ft. high.

64.00 Draw, course N.

68.65 Spur, slopes N., 35 ft. high,

74.50 Draw, course N.

76.50 Spur, slopes N., 35 ft. high.

79.50 Draw, course NW.

79.98 The cor. of secs. 28, 29, 32 and 33. Land, hilly. Soil, sandy loam and gumbo, gravelly, 2nd to 4th rate. No timber. Undergrowth, dense greasewood, mesquite and catclaw.

|        |   |
|--------|---|
| Chains | Knowing that a closing cor. will be necessary, I run, S. $0^{\circ} 2' E.$ , on a true line bet. secs. 32 and 33.<br>Over hilly land, through dense undergrowth   |
| 4.00   | Ridge, bears NE. and SW., 50 ft. high,  |
| 14.00  | Draw, course W.   |
| 14.75  | Spur, slopes W., 30 ft. high.   |
| 16.25  | Draw, course W.   |
| 18.00  | Spur, slopes W., 30 ft. high.   |
| 20.00  | Draw, course W.   |
| 24.00  | Spur, slopes W., 30 ft. high.   |
| 26.00  | Draw, course W.   |
| 28.00  | Spur, slopes W., 30 ft. high.   |
| 38.00  | Draw, course W.   |
| 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<br>$\frac{1}{4}$ S32 on W. and S33 on E. half; raise a mound of stone 2 ft. high, $1\frac{1}{2}$ ft. base, W. of cor., pits impracticable.  |
| 44.00  | Spur ridge, bears E. and W., 40 ft. high.   |
| 52.00  | Wash, 40 lks. wide, 3 ft. deep, course W.   |
| 66.00  | Spur ridge, bears E. and W., 40 ft. high. (over   |
| 69.00  | Leave hilly land, bears E. and W., continue gently rolling land.  |
| 77.75  | Intersect the S. bdy. of the Tp., N. $89^{\circ} 51' W.$ , 232 lks. dist. from the orig. cor. of secs. 4, 5, 32 and 33, hereafter described, which cor. I now change to refer to secs. 4 and 5, of T. 9 S., R. 28 E. only, and herein before, at point of intersection set an iron post 3 ft. long, 2 ins. in diam., 24 ins. in the ground, for the closing cor. of secs. 32 and 33, marked on brass cap 1914 on S. rim, CC N. of center,<br>T8S in N.,<br>S $\frac{1}{4}$ S5 T9S in S. and R28E in W. half;<br>S32 in NW. and S33 in NE. quadrant; raise a mound of stone 2 ft. deep, $1\frac{1}{2}$ ft. high, N. of cor., pits impractical.<br>Land, hilly and gently rolling.<br>Soil, sandy loam and gumbo, gravelly, 2nd to 4th rate.<br>No timber.<br>Undergrowth, dense greasewood, mesquite and cacti.<br>June 5, 1914. |
| -----  |   |
| 40.00  | June 3, 1914: 8h a.m., l.m.t., I set off. $32^{\circ} 46' N.$ on the lat. arc; $22^{\circ} 16\frac{1}{2}' N.$ on the decl. arc; and determine a meridian with the solar at the cor. of secs. 5, 6, 31 and 32, on north bdy. of Tp. established by me, as described in Book, "A. and witness" as described in book. Thence I run<br>S. $0^{\circ} 3' E.$ , bet. secs. 5 and 6.<br>Over gently rolling land, through dense undergrowth.   |
| 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<br>$\frac{1}{4}$ S6 on W. and S5 on E. half; raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor., pits impracticable.  |
| 72.00  | Wash, 40 lks. wide, 2 ft. deep, course W.   |
| 79.20  | Wash, 100 lks. wide, 1 ft. deep, course W.  |
| 80.00  | The point for the cor. of secs. 5, 6, 7 and 8, an unsafe place for cor., falls in wash.<br>Land, gently rolling.<br>Soil, sandy loam and gumbo, gravelly, 2nd and 3rd rate.<br>No timber,<br>Undergrowth, dense greasewood, cacti, mesquite and catclaw.<br>June 5, 1914.   |
| -----  |   |
| 40.00  | From the true point for the cor. of secs. 5, 6, 7 and 8, I run<br>East on a random line bet. secs. 5 and 8.   |
| 40.00  | Set temp. $\frac{1}{4}$ sec. cor.   |
| 79.98  | Intersect the N. and S. line 7 lks. N. of the cor. of secs. 4, 5, 8 and 9. Thence I run   |

Subdivision of T. 8 S., R. 28 E.

Chains

N. 89° 57' W., on a true line bet. secs. 5 and 8. over rolling land, through dense undergrowth.

1.00 Wash, 10 lks. wide, 8 ins. deep, course N.

20.00 Head of wash, 5 lks. wide, 1 ft. deep, course SW

22.00 Well casing, bears S. 100 lks. dist.

39.80 Wash, 20 lks. wide, 1 ft. deep, course SW.

39.99 The point for  $\frac{1}{4}$  sec. cor. falls in an unsafe place.

40.29 Set an iron post 3 ft. long, 1 in. in diam., 20 ins. in the ground, on hard pan, supported by a mound of stone, for wit. cor. to the  $\frac{1}{4}$  sec. cor., marked on brass cap 1914 on S. rim

WC E. of center,  
 $\frac{1}{4}$ S5 on N. and  
S8 on S. half; raise a mound of stone 2 ft. base,  $1\frac{1}{2}$  ft. high, N. of cor., pits impractical.

76.00 Enter wash, 100 lks. wide, 1 ft. deep, from SE., course West.

79.98 The point for the cor. of secs. 5, 6, 7 and 8. Land, rolling. Soil, sandy loam and gumbo, gravelly, 1st to 4th rate. No timber. Undergrowth, dense greasewood, mesquite, catclaw and cacti. June 3, 1911.

& resurvey

Knowing from my retracement of the W. bdy. of this Tp. that a clos. cor. will be necessary from the true point for the cor. of secs. 5, 6, 7 and 8, I run

West on a true line bet. secs. 6 and 7. Over rolling land, through dense undergrowth.

1.00 Leave wash, course NW.

18.00 Enter wash, 100 lks. wide, from 6 ins. to 4 ft. deep, from NE, course West.

36.00 Leave wash, course SW.

39.80 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in ground for wit. cor. to  $\frac{1}{4}$  sec. corner, marked on brass cap 1914 on S. rim

WC W. of center,  
 $\frac{1}{4}$ S6 on N. and  
S7 on S. half; raise a mound of stone 2 ft. base,  $1\frac{1}{2}$  ft. high, N. of cor., pits impracticable.

40.00 True point for  $\frac{1}{4}$  sec. cor., falls in unsafe place, edge of Wash, 100 lks. wide, 2 ft. deep, course NW.

73.16 Intersect the W. bdy. of the Tp., S. 0° 7' W., 78 lks. dist. from the cor. of Secs. 1 and 12, T. 8 S., R. 27E. ~~restab. by me; as hereinbefore described in my notes of resurvey of West bdy. of Tp. 8 S., R. 28 East. in~~ before; at point of intersection set an iron post 3 ft. long, 2 ins. in diam., 24 ins in the ground, for clos. cor. of secs. 6 and 7, marked on brass cap 1914 on S. rim

CC W. of center;  
T8S in N. and  
S1 S12 R27E in W. half;  
R28 S6 in NE. and  
S7 in SE. quadrant; raise a mound of stone 2 ft. base,  $1\frac{1}{2}$  ft. high, E. of cor., pits impracticable.

Land, rolling. Soil, sandy loam and gumbo, gravelly, 1st to 4th rate. No timber. Undergrowth, dense greasewood, mesquite, cactlaw and cacti. June 3, 1911.

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

S. 0° 3' E., bet. secs. 7 and 8. Over rolling land, through dense undergrowth.

20.00 Leave wash, course W.

50.00 Set an iron post 3 ft. long, 2 ins. in diam., 24 ins. in the ground for wit. cor. to be cor. of secs. 5, 6 and 8, marked on brass cap 1914 on S. rim

WC N. of center;  
T8S S6 in NW.,

## Subdivision of T. 8 S., R. 28 E.

Chains

|       |  |
|-------|--|
|       | R28E S5 in NE.,<br>S8 in SE. and<br>S7 in SW. quadrant; raise a mound of stone<br>2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor., pits impracticable.   |
| 13.00 | Wash, 15 lks. wide, 1 ft. deep, course W.  |
| 20.00 | Wash, 60 lks. wide, 2 ft. deep, course W.  |
| 38.00 | Wash, 50 lks. wide, 4 ft. deep, course W.  |
| 40.00 | Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in<br>the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap 1914<br>on S. rim  |
|       | $\frac{1}{4}$ S7 on W. and<br>S8 on E. half; raise a mound of stone 2<br>ft. base, $1\frac{1}{2}$ ft. high, W. of cor., pits impracticable.  |
| 80.00 | Set an iron post 3 ft. long, 2 ins. in diam., 24 ins. in<br>the ground, for the cor. of secs. 7, 8, 17 and 18,<br>marked on brass cap 1914 on S rim  |
|       | T8S S7 on NW.,<br>R28E S8 in NE.,<br>S17 in SE. and<br>S18 in SW. quadrant; raise a mound of<br>stone 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor., pits<br>impracticable.  |
|       | Land, rolling.<br>Soil, sandy loam and gumbo, 1st to 3rd rate, gravelly.<br>No timber.<br>Undergrowth, dense greasewood and mesquite.  |
|       | June 3, 1914.  |
|       | -----<br>Note: At the cor. of secs. 7, 8, 17 and 18,<br>June 3, 1914: I set off $22^{\circ} 17\frac{1}{2}'$ N. on the decl. arc; and,<br>at apparent noon, observe the sun on the meridian; the<br>resulting lat. is $32^{\circ} 44\frac{1}{2}'$ N., which is the correct<br>lat. Thence I run<br>S. $89^{\circ} 57'$ E., on a random line bet. secs. 8 and 17.  |
| 40.00 | Set temp. $\frac{1}{4}$ sec. cor.  |
| 79.94 | Intersect N. and S. line at the cor. of secs. 8, 9, 16 and<br>17, Thence I run<br>N. $89^{\circ} 57'$ W., on a true line bet. secs. 8 and 17.  |
|       | Over rolling land, through dense undergrowth.  |
| 18.00 | Wash, 40 lks. wide, 2 ft. deep, course SW.   |
| 30.00 | Wash, 40 lks. wide, 4 ft. deep, course NW.   |
| 39.97 | Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in<br>the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap 1914<br>on S. rim  |
|       | $\frac{1}{4}$ S8 on N. and<br>S17 on S. half; raise a mound of stone<br>2 ft. base, $1\frac{1}{2}$ ft. high, N. of cor., pits impractical.   |
| 42.00 | Wash, 10 lks. wide, 1 ft. deep, course N.  |
| 79.94 | The cor. of secs. 7, 8, 17 and 18.<br>Land, rolling.<br>Soil, sandy loam and gumbo, gravelly, 2nd to 4th rate.<br>No timber.<br>Undergrowth, dense greasewood and mesquite.  |
|       | June 7, 1914.  |
|       | -----<br>Knowing from my retracement of the W. bdy. of this Tp.<br>that a clos. cor. will be necessary, I run,<br>West on a true line bet. secs. 7 and 18.<br>Over rolling land, through dense undergrowth.  |
| 40.00 | Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in<br>the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap 1914<br>on S. rim  |
|       | $\frac{1}{4}$ S7 on N. and<br>S18 on S. half; raise a mound of stone 2<br>ft. base, $1\frac{1}{2}$ ft. high, N. of cor., pits impracticable.   |
| 73.35 | Intersect the W. bdy. of the Tp., S. $0^{\circ} 5'$ W., 130 lks.<br>dist. from the cor. of secs. 12 and 13, T. 8 S., R. 27 E.<br>reestablished by me, as hereinbefore described in my<br>notes of resurvey of West bdy. of T. 8 S., R. 28 E.<br>at point of intersection set an iron post 3 ft. long,<br>2 ins. in diam., 24 ins. in ground, for clos. cor. of secs.<br>7 and 18, marked on brass cap 1914 on S. rim |

|   |   |
|---|---|
| Chains  | <p>66 W. of center;<br/> T8S in N. and<br/> S12 S13 R27E in W. half;<br/> R28E S7 in NE. and<br/> S18 in SE. quadrant; raise a mound of stone<br/> 2 ft. base, 1½ ft. high, E. of cor., pits impracticable.<br/> Land, rolling.<br/> Soil, sandy loam and gumbo, gravelly, 1st to 4th rate.<br/> No timber.<br/> Undergrowth, dense mesquite, catclaw, cacti and<br/> greasewood.</p>   |
| 40.00<br><br>57.60<br>74.00<br>80.00                                | <p>S. 0° 3' E., bet. secs. 17 and 18.<br/> Over gently rolling land, through dense undergrowth.<br/> Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in<br/> the ground, for ¼ sec. cor., marked on brass cap 1914<br/> on S. rim<br/> ¼S18 on W. and<br/> S17 on E. half; raise a mound of stone<br/> 2 ft. base, 1½ ft. high, W. of cor., pits impracticable.<br/> Wagon road, bears NW. and SE.<br/> Wash, 20 lks. wide, 5 ft. deep, course W.<br/> Set an iron post 3 ft. long, 2 ins. in diam., 24 ins. in<br/> the ground, for the cor. of secs. 17, 18, 19 and 20,<br/> marked on brass cap 1914 on S. rim<br/> T8S S18 in NW.,<br/> R28E S17 in NE.,<br/> S20 in SE. and<br/> S19 in SW. quadrant; raise a mound of stone<br/> 2 ft. base, 1½ ft. high, W. of cor., pits impracticable.<br/> Land, gently rolling.<br/> Soil, sandy loam and gumbo, gravelly. 1st to 3rd rate.<br/> No timber.<br/> Undergrowth, dense greasewood, merquite, cacti and<br/> catclaw.</p>                   |
| 40.00<br>80.00<br><br>39.90<br>40.00<br>40.20<br><br>56.00<br>80.00 | <p>S. 89° 57' E., on a random line bet. secs. 17 and 20.<br/> Set temp. ¼ sec. cor.<br/> Intersect the N. and S. line 7 lks. S. of the cor. of<br/> secs. 16, 17, 20 and 21. Thence I run<br/> West on a true line bet. secs. 17 and 20.<br/> Over gently rolling land, through dense undergrowth.<br/> Wash, 20 lks, wide, 1 ft. deep, course NW.<br/> Point for ¼ sec. cor. falls in wash an unsafe place.<br/> Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in<br/> the ground for wit. cor. to ¼ sec. cor., marked on brass<br/> cap 1914 on S. rim<br/> WC E. of center;<br/> ¼S17 on N. and<br/> S20 on S. half; raise a mound of stone 2 ft.<br/> base, 1½ ft. high, N. of cor., pits impracticable.<br/> Wash, 60 lks. wide, 6 ins. deep, course SW.<br/> The cor. of secs. 17, 18, 19 and 20.<br/> Land, gently rolling.<br/> Soil, sandy loam and gumbo; gravelly, 1st and 2nd rate.<br/> No timber.<br/> Undergrowth, dense greasewood, mesquite and catclaw.<br/> June 3, 1914.</p> |
| 40.00   | <p>June 4, 1914: At 7h 30m a.m., l.m.t., I set off 32° 43½' N.<br/> on the lat. arc; 22° 24' N. on the decl. arc; and<br/> determine a meridian with the solar at the cor. of secs.<br/> 17, 18, 19 and 20; Knowing from my retracement &amp; resurvey<br/> of W. bdy. of this Tp. that a CC will be necessary, I run<br/> West on a true line bet. secs. 18 and 19.<br/> Over gently rolling land, through dense undergrowth.<br/> Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in<br/> the ground, for ¼ sec. cor., marked on brass cap 1914<br/> on S. rim<br/> ¼S18 on N. and<br/> S19 on S. half; raise a mound of stone 2</p>   |

32.

Subdivision of T: 8 S.; R. 28 E.

Chains

|       |   |
|-------|---|
| 73.70 | <p>ft. base, <math>1\frac{1}{2}</math> ft. high, N. of cor., pits impracticable.<br/>Intersect the W. bdy. of the Tp., S. <math>0^{\circ} 2'</math> E., 180 lks. dist. from the cor. of secs. 13 and 24, T. 8 S., R. 27 E. reestablished by me, as thence in before described in my notes of resurvey of W. bdy. of Tp. 8 S., R. 28 E. herein before. at point of intersection set an iron post 3 ft. long, 2 ins. in diam., 24 ins. in the ground, for clos. cor. of secs. 18 and 19, marked on brass cap 1914 on S rim<br/>CC W. of center;<br/>T8S in N. and<br/>S13 S24 R27E in W. half;<br/>R28E S18 in NE. and<br/>S19 in SE. quadrant; raise a mound of stone 2 ft. base, <math>1\frac{1}{2}</math> ft. high, E. of cor., pits impracticable.<br/>Land, gently rolling.<br/>Soil, sandy loam and gumbo, gravelly, 1st and 2nd rate.<br/>No timber.<br/>Undergrowth, dense greasewood and mesquite.</p>   |
| 24.50 | <p>S. <math>0^{\circ} 3'</math> E., bet. secs. 19 and 20.<br/>Over gently rolling land, through dense undergrowth.<br/>Long low ridge, 30 ft. high, bears E. and W.<br/>Row of fence posts, bear E. and W.<br/>Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground, marked on brass cap 1914 on S. rim<br/><math>\frac{1}{4}</math>S19 on W. and<br/>S20 on E. half; raise a mound of stone 2 ft. base, <math>1\frac{1}{2}</math> ft. high, W. of cor., pits impractical.<br/>Wagon road, bears E. and W.<br/>Set an iron post 3 ft. long, 2 ins. in diam., 24 ins. in the ground, for the cor. of secs. 19, 20, 29 and 30, marked on brass cap 1914 on S. rim<br/>T8S S19 in NW.,<br/>R28E S20 in NE.,<br/>S29 in SE. and<br/>S30 in SW. quadrant; raise a mound of stone 2 ft. base, <math>1\frac{1}{2}</math> ft. high, W. of cor., pits impracticable.<br/>Land, rolling and level.<br/>Soil, sandy loam and gumbo, 1st to 3rd rate, gravelly.<br/>No timber.<br/>Undergrowth, dense grease wood and cacti, north <math>\frac{1}{2}</math> mile, south <math>\frac{1}{2}</math> very scattering.</p> |
| 38.77 |   |
| 40.00 |   |
| 52.60 |   |
| 80.00 | <p>East on a random line bet. secs. 20 and 29.<br/>Set temp. <math>\frac{1}{4}</math> sec. cor.<br/>Intersect the N. and S. line 5 lks. N. of the cor. of secs. 20, 21, 28 and 29. Thence I run N. <math>89^{\circ} 58'</math> W., on a true line bet. secs. 20 and 29. Over level land<br/>Wire fence, bears N. and S.<br/>Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground, for <math>\frac{1}{4}</math> sec. cor., marked on brass cap 1914 on S. rim.<br/><math>\frac{1}{4}</math>S20 on N. and<br/>S29 on S. half; dig pits 18x18x12 ins. E. and W. of post, 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.<br/>The cor. of secs. 19, 20, 29 and 30.<br/>Land level.<br/>Soil, sandy loam and gumbo, 1 st. rate.<br/>No timber and undergrowth.</p>   |
| 40.00 |   |
| 80.00 |   |
| 80.00 |   |
|       | <p>Knowing from my retracement of the W. bdy. of this Tp. that a closing cor. will be necessary, I run, West on a true line bet. secs. 19 and 30.<br/>Over level land.</p>  |

Subdivision of T. 8 S., R. 28 E.

Chains

33.75

Row of fence posts, bear N. and S.

40.00

Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground, for 1/4 sec. cor., marked on brass cap 1914 on S. rim

1/4 S19 on N. and

S30 on S. half; dig pits 18x18x12 ins., E. and W. of post 3 ft. dist., and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high N. of cor.

73.66

Intersect the W. bdy. of the Tp., S. 0° 3' W., 235 lks. dist. from the cor. of secs. 24, and 25, T. 8 S., R. 27 E. reestablished by me as hereinbefore described in my notes of the resurvey of the West bdy. of T. 8 S., R. 28 E.,

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. 19 and 30, marked on brass cap 1914 on S. rim.

CC W. of center;

T8S. in N. and

S24 S25 R27E in W. half;

R28E S19 in NE. and

S30 in SE. quadrant; raise a mound of stone

2 ft. base, 1 1/2 ft. high, E. of cor. pits impractical.

Land level.

Soil, sandy loam and gumbo, 1st rate.

No timber or undergrowth.

S. 0° 3' E., bet. secs. 29 and 30.

Over level land.

18.65

Row of fence posts, bear E. and W.

40.00

Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground, for 1/4 sec. cor., marked on brass cap 1914 on S. rim

1/4 S30 on W. and

S29 on E. half; dig pits 18x18x12 ins. N. and S. of post, 3 ft. dist.; and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high, W. of cor.

Enter scattering undergrowth, bears E. and W.

64.00

Enter rolling land, bears 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. 29. 30. 31 and 32, marked on brass cap 1914 on S. rim

T8S S30 on NW.,

R28E S29 in NE.,

S32 in SE. and

S31 in SW. quadrant; raise a mound of stone

2 ft. base, 1 1/2 ft. high, 8 ft. S. of cor., impracticable to build on the W., pits impracticable.

Land, level and rolling.

Soil, sandy loam and gumbo, gravelly, 1st to 3rd rate.

No timber.

Undergrowth, south 1/2 mile, scattering greasewood, cacti and mesquite.

Note: at the above cor.,

June 4, 1914: I set off 22° 24 1/2' N. on the decl. arc; and at apparent noon, observe the sun on the meridian; the resulting lat. is 32° 42' N., which is the correct lat.

S. 89° 58' E., on a random line bet. secs. 29 and 32.

40.00

Set temp. 1/4 sec. cor.

80.12

Intersect the N. and S. line 12 lks. S. of the cor. of secs. 28, 29, 32 and 33. Thence I run

S. 89° 57' W., on a true line bet. secs. 29 and 32.

Over rolling land, through dense undergrowth.

2.60

Draw, course N., 25 ft. high.

4.00

Spur, slopes NW., 25 ft. high.

8.00

Draw, course NW.

40.06

Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground, for 1/4 sec. cor., marked on brass cap 1914 on S. rim

1/4 S29 on N. and

S32 on S. half; raise a mound of stone

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Subdivision of T. 8 S., R. 28 E.,

Chains

80.12

2 ft. base.  $1\frac{1}{2}$  ft. high, N. of cor., pits impractical.  
The cor. of secs. 29, 30, 31 and 32.  
Land, rolling.  
Soil, sandy loam and gumbo, gravelly, 1st to 4th rate.  
No timber.  
Undergrowth, dense greasewood, mesquite, cacti and  
catclaw.

June 4, 1914.

39.55

40.00

Knowing from my retracement of the W. bdy. of this Tp.  
~~that a closing cor. will be necessary~~, I run,  
Wast on a true line bet. secs. 30 and 31.  
Over rolling land, through dense undergrowth.  
Wagon road, bears NE. and SW.  
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

 $\frac{1}{4}$ S30 on N. and

S31 on S. half; raise a mound of stone

73.86

2 ft. base,  $1\frac{1}{2}$  ft. high, N. of cor., pits impractical.  
Intersect the W. bdy. of the Tp., 251 lks. South of the  
cor. of secs. 25 and 36, T. 8 S., R. 27 E., ~~reestab. by~~  
~~me as therebefore described at point of intersection,~~  
I set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in  
ground, for closing cor. of secs. 30 & 31, marked on brass  
cap; 1914 on S. rim,  $\frac{1}{4}$  CC W of center,

S25 S36 R27E W. and

T8S in N. half;

R28E S30 in NE. and

S31 in SE. quadrant; raise a mound of

stone 2 ft. base,  $1\frac{1}{2}$  ft. high, E. of cor., pits  
impracticable.

Land, rolling.

Soil, sandy loam and gumbo, gravelly, 1st and 3rd rate.  
No timber.

Undergrowth, Dense mesquite; catclaw and cacti.

June 4, 1914.

2.00

4.00

34.00

40.00

Knowing from my retracement of the S. bdy. of this Tp.  
~~that a closing cor. will be necessary~~, I run,  
S.  $0^{\circ} 5'$  E., on a true line bet. secs. 31 and 32.  
Over rolling land, through dense undergrowth.

Wash, 20 lks. wide, 2 ft. deep, course W.

Spur, slopes W. 35 ft. high.

Wash, 60 ft. wide, 2 ft. deep, course W.

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 $\frac{1}{4}$ S31 on W. and

S32 on E. half; dig pits 18x18x12 ins.

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

77.64

Intersects the S. bdy. of the Tp., N.  $89^{\circ} 51'$  W., 254 lks.  
dist. from the cor. of secs. 5 and 6, T. 9 S., R. 28 E.,  
~~reestablished by me as therebefore described in my e-~~  
~~note of resurvey of parts of S. bdy. of T. 8 S., R. 28 E.,~~  
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. 31 & 32, marked  
on brass cap 1914 on S. rim

GC N. of center;

T9S S5 S6 in S.,

T8S in N. and

R28E in W. half;

S31 in NW. and S32 in NE. quadrant; dig pits

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

Land, rolling,

Soil, sandy loam and gumbo, gravelly, 1st to 3rd rate.

No timber.

Undergrowth, dense greasewood, mesquite, catclaw and  
cacti.

June 4, 1914.

General Description.

This township contains nearly every variety of land from plains to mountains, and the soil ranges from rocky gumbo to rich sandy loam. The soil of the low lands along the washes in the western and central part of the township is generally rich, sandy loam, capable of producing abundant crops with irrigation. The soil on the low benches and hills is gravelly gumbo, on the mountains very rocky. This township is mostly covered with thin growth of rich and nutritious grass.

There is an old lime kiln in sec. 27, there is one cattle ranch in this township situated in sec. 22, where there are corralls, watering troughs, pumps, sheds and house, known as the Ill— ranch.

There is no land under cultivation in this township.

*William B. Himmel.*

U. S. Surveyor.

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34  
BOOK

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 \_\_\_\_\_, 191 5

The foregoing field notes of the survey of the Subdivision Lines

Resurvey of the West and part of the South bdy. and

Retracement of part of the South bdy. of

Township 8 South Range 28 East of the

Gila and Salt River Base and Meridian

in the State of Arizona

executed by William B. Kimmel U.S. Surveyor

under his special instructions dated December 30, 1913 for Group 26, ~~191~~, having been critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys, <sup>retracements, & resurveys</sup> they describe, are hereby approved.

*Frank S. Ingalls*  
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.~~