

3356

Book "B"

4-679

BOOK 3356

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Compared

# FIELD NOTES

RE-  
OF THE SURVEY OF THE

Portion of the East boundary of

FRAC. TOWNSHIP 19 NORTH, RANGE 12 $\frac{1}{2}$  EAST,

and SURVEY of

North and South boundaries, and

subdivision lines of

TOWNSHIP 19 NORTH, RANGE 13 EAST.

Of the Gila and Salt River Base and Meridian,

In the State of Arizona.

EXECUTED BY

Thomas B. Matthews, U. S. Surveyor,

and

Elmer F. Strickler, U. S. Transitman,

~~In the capacity of U. S. Surveyor~~, under Special Instructions dated December 1., 1916, issued by the United States Surveyor General to govern surveys included in Group No. 78, Arizona, which were approved by the Commissioner of the General Land Office December 19., 1916, and Assignment Instructions dated January 12., 1917.

Resurvey & Survey commenced February 2., 1917.

Resurvey & Survey completed February 9., 1917.

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Book "B"

Group 78 - - Arizona.

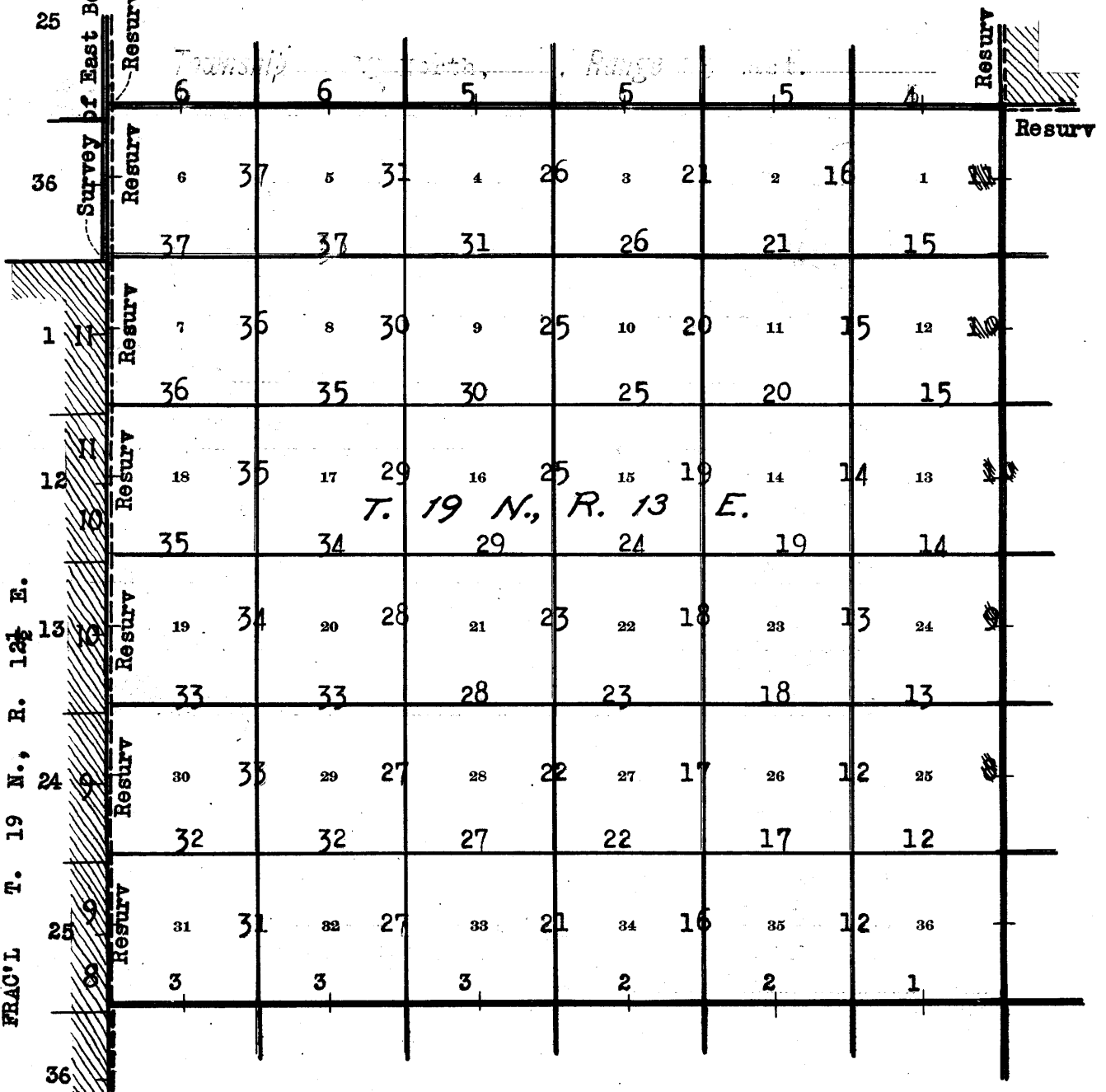
BOOK 3356

# INDEX DIAGRAM.

FRAC'L T. 20 N., R. 12 $\frac{1}{2}$  E.

FRAC'L T. 19 N., R. 12 $\frac{1}{2}$  E.

Survey of East Bdy. of Frac'l T. 20 N., R. 12 $\frac{1}{2}$  E.  
 Resurv. of West Bdy. of Frac'l T. 20 N., R. 13 E.



- Lines surveyed under this group.
- Lines retraced or resurveyed under this group.
- Lines surveyed under Group 79.
- Lines retraced or resurveyed under Group 79.
- Accepted surveys.
- ▨ Areas surveyed as per accepted plats. on file.

Chains.

Surveys and Resurveys executed by Thos. M. Matthews, U.S. Surveyor, and Elmer F. Strickler, U.S. Transitman, on dates shown on diagram on page hereof, using respectively, Buff Solar Transit No. 10124, and Young and Sons' light mountain transit No. 8588, both instruments being equipped with Smith solar attachments. For description of instruments and certificates of approval, see Book "A." Examine the adjustments of the transits and correct all errors; then, to test the solar apparatus, by comparing their indications, resulting from solar observations made during a.m. and p.m. hours, with a meridian determined by observations on Polaris at elongation, proceed as follows:

February 3, 1917. At camp in sec. 14, T. 19 N., R. 13 E., in lat. 35° 3' N.; long. 110° 56' W., at 10 hrs. 30.7 m.p.m., l.m.t., by watch set to correct local mean time, observe Polaris at western elongation, in accordance with the Manual of Instructions, and mark a point in the line thus determined by a tack in a stake, 5 chains N. of station.

February 4, 1917. At 8h. 0m. a.m., l.m.t., lay off the azimuth of Polaris, 1° 23' to the east, and mark the meridian thus determined by a tack in a stake, 5 chs. N. of station.

Placing each instrument on the meridian, at 8h. 10m., a.m. l.m.t., set off 35° 3' N. on the lat. arc; 16° 12' S. on the decl. arcs; and determine a meridian with the solar. The meridians thus determined coincide with the meridians determined by observations on Polaris at elongation.

At 3hrs. 30m. p.m., l.m.t., set off 35° 3' N. on the lat. arc; 16° 8' S. on the decl. arc, and determine a meridian with each solar. The meridians thus determined coincide with the meridians determined by observations on Polaris at elongation.

The solar apparatus by a.m. and p.m. observations define positions for meridian which coincide with the meridian determined by observations on Polaris at elongation; therefore, conclude that they are in satisfactory adjustment.

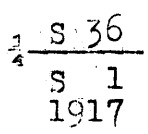
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Survey of the South bdy. of Township 19 North, Range 13 East.

From the cor. of Ts. 18 and 19 N., Rs. 13 and 14 E., described, in Book "A,"

West, on a true line, bet. secs. 1 and 36. Over slightly rolling land, thru scattering undergrowth. Shallow draw, course NE.

18.50  
40.00

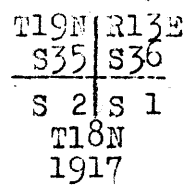
Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground, for 1/4 sec. cor., marked on brass cap,



76.00  
80.00

And raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor. North end of sandstone ridge, extends SE.

Set an iron post, 3 ft. long, 3 ins. in diam., 24 ins. in the ground, for cor. of secs. 1, 2, 35 and 36, marked on brass cap,



And raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.

2 Survey of South bdy. of Township 19 North, Range 13 East.

Chains.

Land, slightly rolling.  
Soil, thin, sandy loam; 3rd rate.  
No timber.  
Undergrowth, broom brush and shadskale.  
Fair grass.

West, on a true line, bet. secs. 2 and 35.  
Over slightly rolling land, thru. scattering undergrowth.  
8.00 Over washed land, draining NE.  
-15.00 Leave washed land; thence over rolling land.  
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,

$\frac{1}{4}$  S 35  
S 2  
1917

79.80 Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.  
Wash, 10 lks. wide, course NE.  
80.00 Set an iron post 3 ft. long, 3 ins. in diam., 8 ins. in the ground, in a mound of stone, for cor. of secs. 2, 3, 34 and 35, marked on brass cap,

T19N | R13E  
S34 | S35  
S 3 | S 2  
T18N  
1917

And raise a mound of stone, 3 ft. base, 3 ft. high, W. of cor.  
Land, rolling and slightly rolling.  
Soil, thin, sandy loam, 3rd rate.  
No timber.  
Undergrowth, broom brush.

West, on a true line, bet. secs. 3 and 34.  
Over slightly rolling land, thru. scattering 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,

$\frac{1}{4}$  S 34  
S 3  
1917

46.60 Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.  
Old road, brs. NW. and SE.  
80.00 Set an iron post, 3 ft. long, 3 ins. in diam., 24 ins. in the ground, for cor. of secs. 3, 4, 33 and 34, marked on brass cap,

T19N | R13E  
S33 | S34  
S 4 | S 3  
T18N  
1917

And raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$  ft. high, W. of cor.  
Land, slightly rolling.  
Soil, thin, sandy loam, 3rd rate.  
No timber.  
Undergrowth, broom brush.  
Fair grass.

Survey of south bdy of Township 19 North, Range 13 East. 3.

Chains.

West, on a true line, bet. secs. 4 and 33.  
 Over rolling land; thru. dense undergrowth.  
 27.00 Shallow draw, course NE.  
 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the  
 ground, for  $\frac{1}{2}$  sec. cor.; marked with brass cap,

$\frac{1}{2}$  S 33  
 S 4  
 1917

Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.  
 55.00 Enter scattering timber, brs. N. and S.  
 70.75 Old road, brs. N+ and S.  
 75.00 Shallow draw, 5.00 chs. wide, course NNE.  
 80.00 Set an iron post, 3 ft. long, 3 ins. in diam., 24 ins. in  
 the ground, for cor. of secs. 4, 5, 32 and 33, marked on  
 brass cap,

T19N	R13E
S32	S33
S 5	S 4
T18N	
1917	

And raise a mound of stone, 3 ft. base, 3 ft. high, W. of cor.  
 Land, rolling.  
 Soil, thin, sandy loam; 3rd rate.  
 Timber, scrub cedar.  
 Undergrowth, broom brush and scattering Spanish dagger.

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West, on a true line, bet. secs. 5 and 32.  
 Over rolling land, thru. scattering timber and undergrowth.  
 Ascend 90 ft.  
 20.00 Thence over rolling land.  
 40.00 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the  
 ground, for  $\frac{1}{2}$  sec. cor., marked on brass cap,

$\frac{1}{2}$  S 32  
 S 5  
 1917

and raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor.  
 Leave timber.  
 80.00 Set an iron post, 3 ft. long, 3 ins. in diam., 24 ins. in  
 the ground for cor. of secs. 5, 6, 31 and 32, marked on  
 brass cap,

T19N	R13E
S31	S32
S 6	S 5
T18N	
1917	

Dig pits, 18x18x12 ins., in each sec. 5 $\frac{1}{2}$  ft. dist.  
 Land, rolling.  
 Soil, thin, sandy loam, rocky, 3rd rate.  
 Timber, scattering cedar.  
 Undergrowth, broom brush and Spanish dagger.  
 Some grass.

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West, on a true line, bet. secs. 6 and 31.  
 Over level land, thru. scattering undergrowth.  
 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the  
 ground, for  $\frac{1}{2}$  sec. cor., marked on brass cap,

$\frac{1}{2}$  S 31  
 S 6  
 1917

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

4. Survey of s. bdy. of Township 19 North, Range 13 East.

Chains.

55.00 Enter scattering timber, brs. NE. and SW.  
 83.82 Intersect E. bdy. of fracl. T. 19 N., R. 12 1/2 E., 1.47 chs. N. 0° 2' E. of the original cor. of secs. 25, 30, 31 and 36, which is a sandstone, 12x8x6 ins. above ground, firmly set, marked with 1 notch on S. edge, and 5 notches on N. edge, and witnessed by two bearing trees, one SE. and one NW. of cor., each properly marked, and mound of stone W. of cor. reestablished to refer to secs. 25 and 36 only, as hereinafter described.

At the point of intersection, set an iron post 3 ft. long, 3 ins. in diam., 24 ins. in the ground for reestablished cor. of Ts. 18 and 19 N., R. 13 E., marked on brass cap,

T19N
R13E
S31
S 6
T18N

1917

And raise a mound of stone, 2 ft. base, 1 1/2 ft. high, E. of cor. Land, level.  
 Soil, thin, sandy loam, 3rd rate.  
 Timber, scattering cedar.  
 Undergrowth, broom brush.  
 Scattering grass.

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 Survey of North bdy. of Township 19 North, Range 13 East.

From the reestablished cor. of Ts. 19 and 20 N., R. 14 E., T. 19 N., R. 13 E. and fracl. T. 20 N., R. 13 E., described in Book "A,"

West, on a true line, bet. secs. 1 and 36.  
 Over rolling and broken land, thru scattering undergrowth.  
 Descend 35 ft.

7.50 foot of rim, brs. NW. and SE.  
 13.65 Wash, 3 lks. wide, 2 ft. deep, course N.  
 32.95 Shallow wash, 12 lks. wide, course N.  
 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground for 2 sec. cor., marked on brass cap,

S 36
S 1

1917

80.00 And raise a mound of stone, 3 ft. base, 1 1/2 ft. high, N. of cor.  
 Set an iron post, 3 ft. long, 3 ins. in diam., 24 ins. in the the ground, for cor. of secs. 1, 2, 35 and 36, marked on brass cap,

T20N	R13E
S35	S36
S 2	S 1

T19N  
1917

and raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.  
 Land, rolling and broken.  
 Soil, thin and gravelly, 3rd rate.  
 No timber.  
 Undergrowth, broom brush.  
 Scattering grass.

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Survey of the  
North Boundary of T. 19 N., R. 13 E.

5.

Chains.

40.00 West on a true line, bet. secs. 2 and 35.  
Over rolling land, through scattering undergrowth.  
Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the  
ground, for  $\frac{1}{4}$  sec. cor., marked on brass cap

$\frac{1}{4}$  S35  
S 2  
1917

80.00 And raise a mound of stone, 3 ft. base, 2 ft. high, N.  
of cor.  
Set an iron post, 3 ft. long, 3 ins. diam., 10 ins. in the  
ground, in a mound of stone, for cor. of secs. 2, 3, 34  
and 35, marked on brass cap

T20N R13E  
S34 | S35  
S 3 | S 2  
T19N  
1917

And raise a mound of stone, 3 ft. base, 2 ft. high, W.  
of cor.  
Land, rolling and broken.  
Soil, thin sandy loam; 3rd rate.  
No timber.  
Undergrowth, broom brush.  
Some grass.

40.00 West on a true line, bet. secs. 3 and 34.  
Over rolling land, through scattering undergrowth.  
Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the  
ground, for  $\frac{1}{4}$  sec. cor., marked on brass cap

$\frac{1}{4}$  S34  
S 3  
1917

80.00 And raise a mound of stone, 3 ft. base, 2 ft. high, N.  
of cor.  
Set an iron post, 3 ft. long, 3 ins. diam., 10 ins. in the  
ground, <sup>in a mound of stone</sup> for cor. of secs. 3, 4, 33 and 34, marked on  
brass cap

T20N R13E  
S33 | S34  
S 4 | S 3  
T19N  
1917

And raise a mound of stone, 3 ft. base, 2 ft. high, W.  
of cor.  
Land, rolling.  
Soil, thin, sandy loam; 3rd rate.  
No timber.  
Undergrowth, broom brush and shadskale.  
Some grass.

38.35 West on a true line, bet. secs. 4 and 33.  
Over rolling land, through scattering undergrowth.  
Wash, 5 lks. wide, course N.  
40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the  
ground, for  $\frac{1}{4}$  sec. cor., marked on brass cap

~~1~~ S33  
 $\frac{1}{4}$  S 4  
1917

Survey of the  
North Boundary of T. 19 N., R. 13 E.

6.

Chains.

And raise a mound of stone, 3 ft. base, 1½ ft. high, N. of cor.  
 59.13 Broken rock ledge, 6.50 chs. wide, brs. N. and S.  
 71.35 Wash, 6 lks. wide, course N.  
 80.00 Set an iron post, 3 ft. long, 3 ins. diam., 10 ins. in the ground, in a mound of stone, for cor. of secs. 4, 5, 32 and 33, marked on brass cap

T20N R13E  
 S32 | S33  
 ———  
 S 5 | S 4  
 T19N  
 1917

And raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.  
 Land, rolling and broken.  
 Soil, thin, sandy loam; 3rd rate.  
 No timber.  
 Undergrowth, broom brush and shadskale.  
 Some grass.

40.00 West on a true line, bet. secs. 5 and 32.  
 Over rolling land, through scattering undergrowth.  
 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for ¼ sec. cor., marked on brass cap

1/4 S32  
 ———  
 S 5  
 1917

63.35 And raise a mound of stone, 3 ft. base, 1½ ft. high, N. of cor.  
 Ridge of sandstone boulders, brs. N. and S.  
 77.80 Wash, 12 lks. wide, course NE.  
 80.00 Set an iron post, 3 ft. long, 3 ins. diam., 20 ins. in the ground, in a mound of stone, for cor. of secs. 5, 6, 31 and 32, marked on brass cap

T20N R13E  
 S31 | S32  
 ———  
 S 6 | S 5  
 T19N  
 1917

And raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.  
 Land, rolling and broken.  
 Soil, thin, sandy loam; 3rd rate.  
 No timber.  
 Undergrowth, broom brush.  
 Fair grass.

35.00 West on a true line, bet. secs. 6 and 31.  
 40.00 Over rolling land, through scattering undergrowth.  
 Wash, 30 lks. wide, course N.  
 Set an iron post, 3 ft. long, 1 in. diam., 8 ins. in the ground, in a mound of stone, for ¼ sec. cor., marked on brass cap

1/4 S31  
 ———  
 S 6  
 1917



Survey of North bdy. of Township 19 North, Range 13 East. 7.

Chains.

83.50 And raise a mound of stone, 3 ft. base, 1 1/2 ft. high, N. of cor. Intersect E. bdy. of fracl. T. 20 N., R. 12 1/2 E., 8.74 chs. N. of the cor. of secs. 25 and 36 thereof, described in Book "C." At the point of intersection, Set an iron post 3 ft. long, 3 ins. in diam., 24 ins. in the ground, for reestablished cor. of T. 19 N., R. 13 E., and fracl. T. 20 N., R. 13 E., marked on brass cap,

T20N  
R13E  
S31  
S 6  
T19N  
1917

and raise a mound of stone, 3 ft. base, 3 ft. high, E. of cor. Land, rolling and level. Soil, thin, sandy loam, 3rd rate. No timber. Undergrowth, broom brush.

Retracement (for Resurvey) of part of E. bdy. of fracl. T. 19 N., R. 12 1/2 E.

From the original cor. of secs. 25, 30, 31 and 36, on the E. bdy. of fracl. T. 19 N., R. 12 1/2 E., hereinbefore described, North, on E. bdy. of sec. 25 (S. 1/2).

1.47 Intersect the reestablished cor. of Ts. 18 and 19 N., R. 13 E., hereinbefore described.

40.02 Fall 2 lks. W. of original 1/2 sec. cor. of secs. 25 and 30, which is a sandstone, 16x8x6 ins. above ground, firmly set, marked "2" on W. face, and witnessed by a mound of stone, 2 ft. base, 1 1/2 ft. high, W. of cor., and two bearing trees, one SE and one NW. of cor., each properly marked. The true course and dist. of S. 1/2 of E. bdy. of sec. 25, are therefore, N. 0° 2' E., 40.02 chs.

39.87 Thence, north, on random line, on E. bdy. of sec. 25 (N. 1/2). Fall 1 lk. W. of original cor. of secs. 19, 24, 25 and 30, which is a stone, 18x8x8 ins., above ground, firmly set, marked with 2 notches on S. edge and 4 notches on N. edge, and witnessed by mound of stone, 2 ft. base, 1 1/2 ft. high, W. of cor. No bearing trees. The true course and distance of N. 1/2 of E. bdy. of sec. 25, are therefore, N. 0° 1' E., 39.87 chs.

North, on random line, on E. bdy. of sec. 24 (S. 1/2).

40.14 Fall 4 lks. E. of original 1/2 sec. cor. of secs. 19 and 24, which is a stone 20x10x8 ins. above ground, firmly set, marked "4" on W. face, and witnessed by mound of stone, 2 ft. base, 1 1/2 ft. high, W. of cor. No bearing trees. The true course and distance of S. 1/2 of E. bdy. of sec. 24, are therefore N. 0° 3' W., 40.14 chs.

Thence, North, on random line on E. bdy. of sec. 24 (N. 1/2).

39.94 Fall 5 lks. E. of cor. of secs. 13, 18, 19 and 24, which is a sandstone, 16x8x6 ins. above ground, firmly set, marked with 3 notches on each of N. and S. edges, and witnessed by mound of stone, 2 ft. base, 1 1/2 ft. high, W. of cor. No bearing trees. True course and distance of N. half of E. bdy. of sec. 24 are therefore, N. 0° 4' W., 39.94 chs.

North, on random line on E. bdy. of sec. 13 (S. 1/2).

40.10 Fall 4 lks. W. of original 1/2 sec. cor. of secs. 13 and 18,

Retracement (for resurvey) of a portion of  
8. the East boundary of ~~fracl.~~ Township 19 North, Range 12 $\frac{1}{2}$  East.

Chains.

which is a sandstone, 16x8x6 ins., above ground, firmly set, marked "1" on W. face, and witnessed by mound of stone, 2 ft. base, 1 $\frac{1}{2}$  ft. high, W. of cor., and one tree NW. of cor., marked "S 13 B T."

The true course and dist. of S. half of E. bdy. of sec. 13, are therefore N. 0° 3' E., 40.00 chs.

Thence,

North on random line, on E. bdy. of sec. 13 (N.  $\frac{1}{2}$ ).

39.90 Fall 1 lk. E. of original cor. of secs. 7, 12, 13 and 18, which is a lava stone, 12x10x8 ins. above ground, firmly set, marked with 4 notches on S. edge, and 2 notches on N. edge, and witnessed by mound of stone, 2 ft. base, 1 $\frac{1}{2}$  ft. high, W. of cor. No bearing trees.

The true course and dist. of N.  $\frac{1}{2}$  of E. bdy. of sec. 13 are therefore N. 0° 1' W., 39.90 chs.

North, on random line, on E. bdy. of sec. 12 (S.  $\frac{1}{2}$ )

39.98 Intersect original  $\frac{1}{2}$  sec. cor. of secs. 7 and 12, which is a limestone, 24x10x12 ins. above ground, firmly set, marked "1" on W. face, and witnessed by mound of stone, 2 ft. base, 1 $\frac{1}{2}$  ft. high, W. of cor. No bearing trees.

The true course and dist. of S.  $\frac{1}{2}$  of E. bdy. of sec. 12 are therefore North, 39.98 chs.

Thence,

North, on random line on E. bdy. of sec. 12 (N.  $\frac{1}{2}$ ).

39.97 Fall 7 lks. W. of original cor. of secs. 1, 6, 7 and 12, which is a limestone, 10x10x6 ins. above ground, firmly set, marked with 1 notch on N. edge, and 5 notches on S. edge, and witnessed by mound of stone 2 ft. base, 1 $\frac{1}{2}$  ft. high, W. of cor. No bearing trees.

The true course and dist. of N.  $\frac{1}{2}$  are therefore N. 0° 6' E., 39.97 chs.

North, on random line, on E. bdy. of sec. 1 (S.  $\frac{1}{2}$ ).

39.97 Intersect original  $\frac{1}{2}$  sec. cor. of secs. 1 and 6, which is a limestone, 16x8x24 ins. above ground, firmly set in mound of stone, marked "1" on W. face, and witnessed by mound of stone, 2 ft. base, 1 $\frac{1}{2}$  ft. high, W. of cor. No bearing trees.

The true course and distance of S.  $\frac{1}{2}$  of E. bdy. of sec. 1 are therefore North, 39.97 chs.

Thence,

North, on random line, on E. bdy. of sec. 1 (N.  $\frac{1}{2}$ )

40.00 Intersect original cor. of Ts. 19 and 20 N., R. 13 E., and fracl. Ts. 19 and 20 N., R. 12 $\frac{1}{2}$  E., which is a limestone 20x10x10 ins. above ground firmly set, marked with 6 notches on each of N., S.E. and W. edges, and witnessed by mound of stone, 4 ft. base, 3 ft. high, S. of cor. No bearing trees.

True course and dist. of N.  $\frac{1}{2}$  of E. bdy. of sec. 1 are therefore, North, 40.00 chs.

Resurvey of part of the East bdy. of ~~fracl.~~ T. 19 N., R. 12 $\frac{1}{2}$  E.

Reestablish the cor. of secs. 25, 30, 31 and 36, hereinbefore described to refer to secs. 25 and 36 only, by destroying the markings on the original SE. bearing tree, leaving original NW. bearing tree, and original mound of stone, W. of cor. as accessory to cor. Thence,

N. 0° 2' E., on true line, on E. bdy. of sec. 25.

Over level land, thru. dense timber and scattering undergrowth.

1.47 Intersect the reestablished cor. of Ts. 18 and 19 N., R. 13 E. hereinbefore described.

40.02 Intersect the original  $\frac{1}{2}$  sec. cor. of secs. 25 and 30, hereinbefore described.

Resurvey of a portion of the East bdy. of fracl. Township 19 North, Range 12 $\frac{1}{2}$  East. 9

chains.

Reestablish this cor. to refer to sec. 25 only by destroying the markings on the original SE. bearing tree, leaving original NW. bearing tree, and mound of stone W. of cor. as accessory to the cor.

Thence, N. 0° 1' E. on true line, continuing measurement of E. bdy. of sec. 25.

41.47 (40.00 chs. from from cor. of T<sub>s</sub>. 18 and 19 N., R. 13 E.), Set an iron post 3 ft. long, 1 in. in diam., 24 ins. in the ground, for reestablished  $\frac{1}{4}$  sec. cor. of sec. 31, T. 19 N., R. 13 E., marked on brass cap,



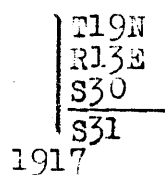
from which,  
A cedar, 7 ins. in diam., brs. N. 88 $\frac{1}{2}$ ° E., 201 lks. dist., marked  $\frac{1}{4}$  S 31 B T.  
A cedar, 6 ins. in diam., brs. S. 31 $\frac{1}{2}$ ° E., 134 lks. dist., marked  $\frac{1}{4}$  S 31 BT.

56.47 Leave timber, brs. E and W.  
79.89 Intersect the original cor. of secs. 19, 24, 25 and 30, hereinbefore described. This cor. will hereafter refer to secs. 24 and 25 only. No change in marking or accessory is required.

Land, level.  
Soil, thin, sandy loam, 3rd rate.  
Timber, scrub cedar.  
Undergrowth, broom brush and shadskale.

N. 0° 3' W., on true line, on E. bdy. of sec. 24.  
Over rolling land, thru scattering undergrowth.

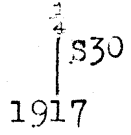
1.58 (80.00 chs. from cor. of T<sub>s</sub>. 18 and 19 N. R. 13 E.,) Set an iron post, 3 ft. long, 3 ins. in diam., 24 ins. in the ground, for reestablished cor. of secs. 30 and 31, T. 19 N., R. 13 E., marked on brass cap,



and raise a mound of stone, 3 ft. base, 3 ft. high, E. of cor.

40.14 Intersect the original  $\frac{1}{4}$  sec. cor. of secs. 19 and 24, hereinbefore described. This cor. will hereafter refer to sec. 24 only. No change in marking or accessory is required.  
Thence N. 0° 4' T. on true line, continuing measurement of E. bdy. of sec. 24.

41.58 (40.00 chs. from cor. of secs. 30 and 31), Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground, for reestablished  $\frac{1}{4}$  sec. cor. of sec. 30, T. 19 N., R. 13 E., marked on brass cap,



and raise a mound of stone, 3 ft. base, 3 ft. high, E. of cor.

46.60 shallow draw, course NE. sec. cor. of secs. 13 and 24, hereinbefore described.  
80.08 Intersect the original cor. of secs. 13, 18, 19 and 24, hereinbefore described. This cor. will hereafter refer to secs. 13 and 24 only. No change in marking or accessory is required.

Land, rolling. Soil, thin, sandy loam, 3rd rate.  
No timber.  
Undergrowth, broom brush.

Resurvey of a portion of the E.  
10; East boundary of frac<sup>1</sup> Township 19 North, Range 12<sup>1</sup> East.

Chains.

N. 0° 3' E. on true line, on E. bdy. of sec. 13.  
Over slightly rolling land, thru scattering undergrowth.  
1.50 (80.00 chs. from cor. of secs. 30 and 31), Set an iron post,  
3 ft. long, 3 ins. in diam., 14 ins. in the ground, in a  
mound of stone, for reestablished cor. of secs. 19 and  
30, T. 19 N., R. 13 E., marked on brass cap;

T19N  
R13E  
S19  
30

1917

and raise a mound of stone 2<sup>1</sup>/<sub>2</sub> ft. base, 1<sup>1</sup>/<sub>2</sub> ft. high, E. of  
cor.

Descend 80 ft.

32.70 Trail, brs. NW. and SE.

40.10 Intersect the original <sup>1</sup>/<sub>2</sub> sec. cor. of secs. 13 and 18, here-  
before described. This cor. will hereafter refer to  
sec. 13 only. No change in marking or accessory is re-  
quired.

Thence N. 0° 1' W. on true line, continuing measurement of  
E. bdy. of sec. 13.

41.50 (40.00 chs. from cor. of secs. 19 and 30) set an iron post  
3 ft. long, 1 in. in diam., 26 ins. in the ground for  
reestablished <sup>1</sup>/<sub>2</sub> sec. cor. of sec. 19, T. 19 N., R. 13 E.,  
marked on brass cap,

S19

1917

and raise mound of stone, 3 ft. base, 2 ft. high, E. of cor.

53.90 Road brs. E and W.

80.00 Intersect the original cor. of secs. 7, 12, 13 and 18, herein-  
before described.

This cor. will hereafter refer to secs. 12 and 13 only. No  
change in marking or accessory is required.

Land, slightly rolling.

Soil, thin, sandy loam, 3rd rate.

No timber.

Undergrowth, greasewood and broom brush.

North, on E bdy. of sec. 12.

Over rolling land, thru scattering undergrowth.

1.50 (80.00 chs. from cor. of secs. 19 and 30,) Set an iron post,  
3 ft. long, 3 ins. in diam., 24 ins. in the ground, for  
reestablished cor. of secs. 18 and 19, T. 19 N., R. 13 E.,  
marked on brass cap;

T19N  
R13E  
S18  
S19

1917

And raise a mound of stone, 3 ft. base, 2 ft. high, E. of cor.

8.20 Highway, brs. N. 75° W. and S. 75° E.

21.50 Wire corral and water trough bear west 4 chs. dist.

24.10 Old road brs. NE and SW., in draw, 4 chs. wide, course E.

39.98 Intersect the original <sup>1</sup>/<sub>2</sub> sec. cor. of secs. 7 and 12, herein-  
before described.

This cor. will hereafter refer to sec. 12 only. No change in  
marking or accessory required.

Thence N. 0° 6' E. on true line, continuing measurement of E.  
bdy. of sec. 12.

41.50 (40.00 chs. from cor. of secs. 18 and 19), set an iron post,  
3 ft. long, 1 in. in diam., 26 ins. in the ground, for re-  
established <sup>1</sup>/<sub>2</sub> sec. cor. of sec. 18, T. 19 N. R. 13 E., marked  
on brass cap,

Resurvey of a portion of the East boundary of fracl. Township 19 North, Range 12 $\frac{1}{2}$  East. 11

Chains.

s18  
1917

79.95 and raise a mound of stone, 3 ft. base, 2 ft. high, E. of cor. Intersect the original cor. of secs. 1, 6, 7 and 12, hereinbefore described. This cor. will hereafter refer to secs. 1 and 12 only. No change in marking or accessory is required.

Land, rolling.  
Soil, thin, sandy loam, 3rd rate  
No timber.  
Undergrowth, broom brush.  
Some grass.

1.55 North, on true line, on E. bdy. of sec. 1. Over rolling land, thru scattering undergrowth. (80.00 chs. from cor. of secs. 18 and 19), Set an iron post 3 ft. long, 3 ins. in diam., 24 ins. in the ground, for reestablished cor. of secs. 7 and 18, T. 19 N., R. 13 E., marked on brass cap.

T19N  
R13E  
S7  
s18  
1917

26.55 Dig pits, 24x24x12 ins. NE. and SE. of post, 6 ft. dist. Shallow draw, 1 chain wide, course E.

39.97 Intersect the original  $\frac{1}{4}$  sec. cor. of secs. 1 and 6, hereinbefore described. This cor. will hereafter refer to sec. 1 only.

Thence North on true line, continuing measurement of E. bdy. of sec. 1.

41.55 (40.00 chs. from cor. of secs. 7 and 18), Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground for reestablished  $\frac{1}{4}$  sec. cor. of sec. 7, T. 19 N., R. 13 E., marked on brass cap

S7  
1917

79.97 and raise a mound of stone, 3 ft. base, 2 ft. high, E. of cor. Intersect original cor. of Ts. 19 and 20 N. R. 13 E., and fracl. Ts. 19 and 20 N., R. 12 $\frac{1}{2}$  E., hereinbefore described. Reestablish this cor. to refer to fracl. Ts. 19 and 20 N., R. 12 $\frac{1}{2}$  E. only, by obliterating notches on E. edge of stone, and by moving the mound of stone from S. to W. of cor.

Land, rolling.  
Soil, thin, sandy loam, 3rd rate.  
No timber.  
Undergrowth, broom brush and shadskale.

Survey of the  
12 Subdivision of Township 19 North, Range 13 East.

Chains.

From the cor. of secs. 1, 2, 35 and 36, on the S. bdy. of the Tp., hereinbefore described,  
N. 0° 1' W., bet. secs. 35 and 36.  
Over slightly rolling land, thru scattering undergrowth.  
11.40 Wash, 4 lks. wide, 2 ft. deep, course NE.  
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,

$\frac{1}{4}$   
 S35 | S36  
 1917

Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.  
48.70 Old road, brs. NW. and SE.  
80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in the ground, for cor. of secs. 25, 26, 35 and 36, marked on brass cap,

T19N | R13E  
 S26 | S25  
 S35 | S36  
 1917

and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high, W. of cor.  
Land, rolling.  
Soil, thin, sandy loam, 3rd. rate.  
No timber.  
Undergrowth, broom brush and shadskale.

-----

40.00 East, on a random line, bet. secs. 25 and 36.  
Set temp.  $\frac{1}{4}$  sec. cor.  
80.12 Intersect E. bdy. of Tp., 14 lks. N. of the cor. of secs. 25, 30, 31 and 36, described in Book "A."  
Thence,  
N. 89° 54' W., on a true line, bet. secs. 25 and 36.  
Over slightly rolling land, thru scattering undergrowth.  
40.06 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,

$\frac{1}{4}$  S 25  
 S 36  
 1917

80.12 Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.  
The cor. of secs. 25, 26, 35 and 36.  
Land, slightly rolling.  
Soil, thin, sandy loam, 3rd rate.  
No timber.  
Undergrowth, broom brush and shadskale.

-----

2.90 N. 0° 1' W., bet. secs. 25 and 26.  
Over rolling land, thru scattering undergrowth.  
Wash, 3 lks. wide, 1 ft. deep, course NE.  
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,

$\frac{1}{4}$   
 S26 | S25  
 1917

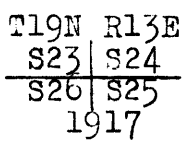
Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.,

Survey of the  
Subdivision of T. 19 N., R. 13 E.

Chains.

57.00  
80.00

Wash, 2 lks. wide, 1 ft. deep, course NE.  
Set an iron post, 3 ft. long, 2 ins. diam., 8 ins. in the ground, in a mound of stone, for cor. of secs. 23, 24, 25 and 26, marked on brass cap



And raise a mound of stone, 3 ft. base, 2½ ft. high, W. of cor.  
Land, slightly rolling.  
Soil, thin, sandy loam; 3rd rate.  
No timber.  
Undergrowth, broom brush and shadskale.

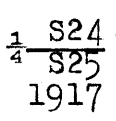
40.00  
80.10

S.89°54'E., on a random line, bet. secs. 24 and 25.  
Set temp. ¼ sec. cor.  
Intersect E. bdy. of Tp., 16 lks. S. of the cor. of secs. 19, 24, 25 and 30, described in Book "A".

Thence  
S.89°59'W., on a true line, bet. secs. 24 and 25.  
Over slightly rolling land, through scattering undergrowth.

16.60  
40.05

Wash, 4 lks. wide, 1 ft. deep, course NE.  
Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for ¼ sec. cor., marked on brass cap



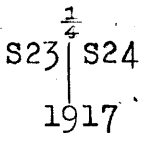
And raise a mound of stone, 3 ft. base, 3 ft. high, N. of cor.

80.10

The cor. of secs. 23, 24, 25 and 26.  
Land, slightly rolling.  
Soil, thin, sandy loam; 3rd rate.  
No timber.  
Undergrowth, broom brush.  
Good grass.

20.00  
22.30  
30.00  
33.80  
35.30  
40.00

N.0°1'W., bet. secs. 23 and 24.  
Over rolling land, through scattering undergrowth.  
Asc. 15 ft.  
Rim rock, brs. E. and W. Thence over slightly rolling land.  
Asc. 30 ft.  
Rim rock, brs. E. and W.  
Rim rock, brs. NE. and SW. Desc. 25 ft.  
Set an iron post, 3 ft. long, 1 in. diam., on solid rock, in a mound of stone, for ¼ sec. cor., marked on brass cap



And raise a mound of stone, 3 ft. base, 1½ ft. high, W. of cor.

40.11  
72.10  
80.00

Wash, 3 lks. wide, 2 ft. deep, course NE.  
Highway, brs. N.73½°E. and S.73½°W.  
Set an iron post, 3 ft. long, 2 ins. diam., 18 ins. in the ground, in a mound of stone, for cor. of secs. 13, 14, 23 and 24, marked on brass cap

14. Survey of the  
Subdivision of T. 19 N., R. 13 E.

Chains.

T19N R13E  
S14 | S13  
---  
S23 | S24  
1917

And raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.  
Land, rolling and slightly rolling.  
Soil, thin, sandy loam; rocky; 3rd rate.  
No timber.  
Undergrowth, broom brush.

40.00 N. 89°59'E., on a random line, bet. secs. 13 and 24.  
80.00 Set temp. ¼ sec. cor.  
Intersect E. bdy. of Tp., 2 lks. S. of the cor. of secs. 13, 18, 19 and 24, described in Book "A".  
Thence  
40.00 S. 89°58'W., on a true line, bet. secs. 13 and 24.  
Over slightly rolling land, through scattering undergrowth.  
Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for ¼ sec. cor., marked on brass cap.

1 S13  
4 S24  
1917

53.10 And raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor.  
70.50 Highway, brs. N. 73½°E. and S. 73½°W.  
75.00 Rim rock, brs. S. and NE. Desc. 25 ft.  
80.00 Thence over slightly rolling land.  
The cor. of secs. 13, 14, 23 and 24.  
Land, rolling and slightly rolling.  
Soil, thin, gravelly and rocky; 3rd rate.  
No timber.  
Undergrowth, broom brush.  
Good grass.

40.00 N. 0°1'W., bet. secs. 13 and 14.  
Over rolling land, through scattering undergrowth.  
Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for ¼ sec. cor., marked on brass cap.

¼  
S14 | S13  
1917

57.70 Dig pits, 18 X 18 X 12 ins., N. and S. of post, 3 ft. dist.  
80.00 Wash, 6 lks. wide, 3 ft. deep, course NE.  
Set an iron post, 3 ft. long, 2 ins. diam., 18 ins. in the ground, in a mound of stone, for cor. of secs. 11, 12, 13 and 14, marked on brass cap.

T19N R13E  
S11 | S12  
---  
S14 | S13  
1917

And raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.  
Land, rolling.  
Soil, thin, gravelly and rocky; 3rd rate.  
No timber.  
Undergrowth, broom brush.



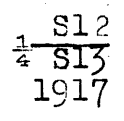
Survey of the  
Subdivision of T. 19 N., R. 13 E.

chains.

Good grass.

40.00 N.89°58'E., on a random line, bet. secs. 12 and 13.  
Set temp.  $\frac{1}{4}$  sec. cor.  
80.02 Intersect E. bdy. of Tp., 2 lks. S. of the cor. of secs.  
7, 12, 13 and 18, described in Book "A".

Thence  
40.01 S.89°57'W., on a true line, bet. secs. 12 and 13.  
Over rolling land, through scattering undergrowth.  
Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the  
ground, for  $\frac{1}{4}$  sec. cor., marked on brass cap



And raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high, N.  
of cor.

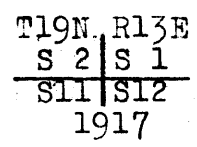
66.12 Low rim rock, brs.nN. and S.  
75.00 Wash, 5 lks. wide,  $1\frac{1}{2}$  ft. deep, course NE.  
80.02 The cor. of secs. 11, 12, 13 and 14.  
Land, rolling.  
Soil, thin, rocky and gravelly; 3rd rate.  
No timber.  
Undergrowth, broom brush.  
Good grass.

40.00 N.0°1'W., bet. secs. 11 and 12.  
Over slightly rolling land, through scattering undergrowth.  
Set an iron post, 3 ft. long, 1 in. diam., 8 ins. in the  
ground, in a mound of stone, for  $\frac{1}{4}$  sec. cor., marked on  
brass cap



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

48.50 Rim rock, brs. NE. and SW.  
62.40 Wash, 30 lks. wide, 4 ft. deep, course NE.  
68.35 Wash, 20 lks. wide, 4 ft. deep, course NE.  
69.70 Top of old dam, brs. NW. and SE.  
74.75 Wash, 15 lks. wide, course E.  
80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the  
ground, for cor. of secs. 1, 2, 11 and 12, marked on  
brass cap



And raise a mound of stone, 3 ft. base, 2 ft. high, W.  
of cor.

Land, rolling and slightly rolling.  
Soil, thin and sandy; 3rd rate.  
No timber.  
Undergrowth, broom brush.  
Fair grass.

40.00 N.89°57'E., on a random line, bet. secs. 1 and 12.  
Set temp.  $\frac{1}{4}$  sec. cor.  
79.96 Intersect E. bdy. of Tp., 14 lks. S. of the cor. of secs.

16. Survey of the  
Subdivision of T. 19 N., R. 13 E.

Chains.

1, 6, 7 and 12, described in Book "A".  
Thence  
S.89°51'W., on a true line, bet. secs. 1 and 12.  
Over rolling land, through scattering undergrowth.  
39.98 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the  
ground, for  $\frac{1}{4}$  sec. cor., marked on brass cap

$\frac{1}{4}$  S 1  
S 12  
1917

And raise a mound of stone, 3 ft. base,  $1\frac{1}{2}$  ft. high, N.  
of cor.  
70.85 Wash, 20 lks. wide, 6 ft. deep, course NE.  
79.96 The cor. of secs. 1, 2, 11 and 12.  
Land, rolling.  
Soil, thin, sandy loam; 3rd rate.  
No timber.  
Undergrowth, broom brush.  
Fair grass.

N.0°1'W., on a random line, bet. secs. 1 and 2.  
40.00 Set temp.  $\frac{1}{4}$  sec. cor.  
87.57 Fall 8 lks. E. of the cor. of secs. 1, 2, 35 and 36, on  
N. bdy. of Tp., hereinbefore described.

Thence  
S.0°4'E., on a true line, bet. secs. 1 and 2.  
Over rolling land, through scattering undergrowth.  
47.57 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the  
ground, for  $\frac{1}{4}$  sec. cor., marked on brass cap

$\frac{1}{4}$   
S 2 | S 1  
1917

And raise a mound of stone, 3 ft. base,  $1\frac{1}{2}$  ft. high, W.  
of cor.  
51.55 Rim rock, brs. NE. and SW. Desc. 15 ft.  
54.55 Thence over rolling land.  
87.57 The cor. of secs. 1, 2, 11 and 12.  
Land, rolling.  
Soil, thin and sandy; 3rd rate.  
No timber.  
Undergrowth, broom brush.  
Fair grass.

From the cor. of secs. 2, 3, 34 and 35, on the S. bdy. of  
Tp., hereinbefore described,  
N.0°1'W., bet. secs. 34 and 35.  
28.00 Over level land, through dense undergrowth.  
West end of rock ledge, 5 ft. high, 50 lks. wide, extends  
4 chs. E.  
40.00 Set an iron post, 3 ft. long, 1 in. diam., 14 ins. in the  
ground, in a mound of stone, for  $\frac{1}{4}$  sec. cor., marked  
on brass cap

$\frac{1}{4}$   
S 34 | S 35  
1917

And raise a mound of stone, 3 ft. base, 2 ft. high, W.  
of cor.  
46.50 Sandstone ledge, 4 ft. high, brs. NW. and SE. Thence over  
rolling land.  
55.10 Shallow wash, 10 lks. wide, course E.

Survey of the  
Subdivision of T. 19 N., R. 13 E.

Chains.  
70.60 Shallow draw, 1 ch. wide, course E.  
80.00 Set an iron post, 3 ft. long, 2 ins. diam., 10 ins. in the ground, in a mound of stone, for cor. of secs. 26, 27, 34 and 35, marked on brass cap

T19N R13E  
S27 | S26  
-----  
S34 | S35  
1917

Dig pits, 18 X 18 X 12 ins., in each sec., 5½ ft. dist.  
Land, level and rolling.  
Soil, thin and sandy loam; 3rd rate.  
No timber  
Undergrowth, greasewood and broom brush.  
Fair grass.

40.00 East on a random line, bet. secs. 26 and 35.  
Set temp. ¼ sec. cor.  
79.92 Intersect N. and S. line, 2 lks. S. of the cor. of secs. 25, 26, 35 and 36.  
Thence  
S. 89° 59' W., on a true line, bet. secs. 26 and 35.  
Over rolling land, through scattering undergrowth.  
2.90 Shallow draw, 3 chs. wide, course NE.  
39.96 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for ¼ sec. cor., marked on brass cap

¼ S26  
-----  
¼ S35  
1917

47.42 Dig pits 18x18x12 ins., E. and W. of post 3 ft. dist.  
Road, brs. NW. and SE.  
61.90 Shallow draw, course NE.  
79.92 The cor. of secs. 26, 27, 34 and 35.  
Land, rolling.  
Soil, thin, sandy loam; 3rd rate.  
No timber.  
Undergrowth, greasewood and broom brush.

18.00 N. 0° 1' W., bet. secs. 26 and 27.  
Over rolling land, through scattering undergrowth.  
Road, brs. NW. and SE.  
18.10 Shallow wash, 5 lks. wide, course NE.  
31.10 Wash, 8 lks. wide, 1 ft. deep, course NE.  
40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for ¼ sec. cor., marked on brass cap

¼  
S27 | S26  
-----  
1917

56.00 Dig pits, 18 X 18 X 12 ins., N. and S. of post, 3 ft. dist.  
80.00 Wash, 10 lks. wide, 1 ft. deep, course E.  
Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for cor. of secs. 22, 23, 26 and 27, marked on brass cap

T19N R13E  
S22 | S23  
-----  
S27 | S26  
1917

18.

Survey of the  
Subdivision of T. 19 N., R. 13 E.

Chains.

And raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.  
From this cor., Pitchfork Tanks br. S.44½°W., about 40 chs. dist.  
Land, rolling.  
Soil, thin, sandy loam; gravelly; 3rd rate.  
No timber.  
Undergrowth, broom brush.  
Fair grass.

40.00 N.89°59'E., on a random line, bet. secs. 23 and 26.  
Set temp. ¼ sec. cor.  
79.89 Intersect N. and S. line, 2 lks. N. of the cor. of secs. 23, 24, 25 and 26.  
Thence  
West on a true line, bet. secs. 23 and 26.  
Over rolling land, through scattering undergrowth.  
39.94½ Set an iron post, 3 ft. long, 1 in. diam., 14 ins. in the ground, in a mound of stone, for ¼ sec. cor., marked on brass cap

1/4 S23  
1/4 S26  
1917

75.20 And raise a mound of stone, 3 ft. base, 2½ ft. high, N. of cor.  
Shallow wash, course NE.  
79.89 The cor. of secs. 22, 23, 26 and 27.  
Land, rolling.  
Soil, thin sandy loam; 3rd rate.  
No timber.  
Undergrowth, broom brush and greasewood.  
Scattering grass.

N.0°1'W., bet. secs. 22 and 23.  
Over rolling land, through scattering undergrowth.  
1.30 Road, brs. N.20°E. and S.20°W.  
8.00 Enter gulch, course NE. Desc. 20 ft.  
9.77 Wash in bottom of gulch, 10 lks. wide, 1 ft. deep, course NE. A broken rock and earth dam, 15 ft. high, 2 chs. long, brs. NE. about 3 chs. dist.  
10.50 Leave gulch, course NE. Asc. 20 ft.  
20.50 Enter same gulch, course NW. Desc. 20 ft.  
21.45 Wash in bottom of gulch, 10 lks. wide, course NW.  
23.50 Leave gulch, course NW. Asc. 20 ft.  
40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for ¼ sec. cor., marked on brass cap

1/4 S22 | S23  
1917

46.00 And raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.  
Enter same gulch, course NE. Desc. 25 ft.  
47.18 Center of gulch, course NE.  
49.00 Leave gulch, course NE. Asc. 25 ft.  
56.90 Rocky wash, 10 lks. wide, 1 ft. deep, course E. Thence over rolling land.  
62.00 Highway, brs. NE. and SW.  
70.00 Row of sandstone boulders, 4 chs. wide, brs. E. and W.  
80.00 Set an iron post, 3 ft. long, 2 ins. diam., 8 ins. in the ground, in a mound of stone, for cor. of secs. 14, 15, 22 and 23, marked on brass cap

Survey of the  
Subdivision of T. 19 N., R. 13 E.

Chains.

T19N R13E  
S15 | S14  
S22 | S23  
1917

And raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.  
Land, rolling.  
Soil, thin, sandy loam; rocky; 3rd rate.  
No timber.  
Undergrowth, broom brush.  
Fair grass.

40.00  
79.96  
  
30.95  
34.15  
39.98

East on a random line, bet. secs. 14 and 23.  
Set temp.  $\frac{1}{4}$  sec. cor.  
Intersect N. and S. line, 16 lks. N. of the cor. of secs. 13, 14, 23 and 24.  
Thence  
N.89°53'W., on a true line, bet. secs. 14 and 23.  
Over rolling land, through scattering undergrowth.  
Enter draw, 10 ft. deep, course NE.  
Leave draw, course NE. Thence over rolling land.  
Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for  $\frac{1}{4}$  sec. cor., marked on brass cap

$\frac{1}{4}$  S14  
 $\frac{1}{4}$  S23  
1917

41.25  
45.00  
51.95  
79.96

And raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor.  
Highway, brs. N.70°W. and S.70°E. Asc. 40 ft.  
Desc. 35 ft.  
Highway, brs. N.60°E. and S.60°W. Thence over rolling land.  
The cor. of secs. 14, 15, 22 and 23.  
Land, rolling.  
Soil, thin, sandy loam; gravelly; with outcroppings of granite boulders; 3rd rate.  
No timber.  
Undergrowth, broom brush and shadskale.  
Some grass.

36.00  
40.00

N.0°1'W., bet. secs. 14 and 15.  
Over rolling and broken land, through scattering undergrowth.  
Sandstone ledge, brs. NE. and SW.  
Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for  $\frac{1}{4}$  sec. cor., marked on brass cap

$\frac{1}{4}$   
S15 | S14  
1917

42.50  
46.50  
50.00  
70.00  
80.00

And raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.  
Leave sandstone ledge, brs. NE. and SW.  
Wash, 5 lks. wide, course NE.  
Sandstone ledge and boulders, 2 chs. wide, brs. NE. and SW.  
Thence over level land.  
Sandstone ledge, 50 lks. wide, brs. E. and W.  
Set and iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for cor. of secs. 10, 11, 14 and 15, marked on brass cap

Survey of the  
Subdivision of T. 19 N., R. 13 E.

Chains.

T19N R13E  
S10	S11
S15 | S14  
1917

And raise a mound of stone, 3 ft. base, 2½ ft. high, W. of cor.  
Land, rolling and broken.  
Soil, thin, sandy loam; rocky; 3rd rate.  
No timber.  
Undergrowth, broom brush.  
Fair grass.

40.00  
79.96

S.89°53'E., on a random line, bet. secs. 11 and 14.  
Set temp. ¼ sec. cor.  
Intersect N. and S. line, 7 lks. S. of the cor. of secs. 11, 12, 13 and 14.

32.45  
39.98

Thence  
N.89°56'W., on a true line, bet. secs. 11 and 14.  
Over rolling land, through dense undergrowth.  
Wash, 10 lks. wide, course N.  
Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for ¼ sec. cor., marked on brass cap

1 S11  
¼ S14  
1917

79.96

And raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor.  
The cor. of secs. 10, 11, 14 and 15.  
Land, rolling and level.  
Soil, thin, sandy loam; gravelly; 3rd rate.  
No timber.  
Undergrowth, broom brush.  
Some grass.

40.00

N.0°1'W., bet. secs. 10 and 11.  
Over rolling and broken land, through scattering undergrowth.  
Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for ¼ sec. cor., marked on brass cap

1 S10  
¼ S11  
1917

41.65  
61.05  
70.00  
80.00

And raise a mound of stone, 3 ft. base, 1½ ft. high, W. of cor.  
Sandstone bluff, 12 ft. high, 3 chs. long, brs. E. and W.  
Sandstone ledge, 6 ft. high, 2 chs. long, 1.50 chs. wide, brs. E. and W.  
Desc. gradually.  
Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for cor. of secs. 2, 3, 10 and 11, marked on brass cap

T19N R13E  
S 3	S 2
S10 | S11  
1917

And raise a mound of stone, 3 ft. base, 1½ ft. high, W. of cor.  
Land, rolling and broken.  
Soil, thin and sandy; 3rd rate.  
No timber.

Survey of the  
Subdivision of T. 19 N., R. 13 E.

chains.

Undergrowth, broom brush.  
Fair grass.

40.00 S.89°56'E., on a random line, bet. secs. 2 and 11.  
Set temp.  $\frac{1}{4}$  sec. cor.  
80.06 Intersect N. and S. line, 10 lks. S. of the cor. of secs.  
1, 2, 11 and 12.

Thence  
S.89°57'W., on a true line, bet. secs. 2 and 11.  
Over rolling and broken land, through scattering under-  
growth.  
40.03 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the  
ground, for  $\frac{1}{4}$  sec. cor., marked on brass cap

S 2  
 $\frac{1}{4}$  SII  
1917

And raise a mound of stone, 3 ft. base, 1 $\frac{1}{2}$  ft. high, N  
of cor.  
42.17 Enter draw, course N.  
46.30 Wash, 15 lks. wide, course N., in center of draw.  
49.05 Leave draw, course N. Asc. gradually.  
80.06 The cor. of secs. 2, 3, 10 and 11.  
Land, rolling and broken.  
Soil, thin, sandy loam; 3rd rate.  
No timber.  
Undergrowth, broom brush.  
Fair grass.

40.00 N.0°1'W., on a random line, bet. secs. 2 and 3.  
Set temp.  $\frac{1}{4}$  sec. cor.  
87.74 Intersect N. bdy. of Tp., 17 lks. W. of the cor. of secs.  
2, 3, 34 and 35, hereinbefore described.  
Thence  
S.0°6'W., on a true line, bet. secs. 2 and 3.  
Over rolling and broken land, through scattering undergrowth.  
23.64 Enter draw, course NE.  
36.75 Leave draw, course NE.  
47.74 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the  
ground, for  $\frac{1}{4}$  sec. cor., marked on brass cap

$\frac{1}{4}$   
S 3 | S 2  
1917

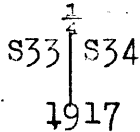
Dig pits, 18 X 18 X 12 ins., N. and S. of post, 3 ft.  
dist.  
74.09 Enter draw, course NE.  
81.24 Shallow wash, 50 lks. wide, course NE. Leave draw, course  
NE.  
87.74 The cor. of secs. 2, 3, 10 and 11.  
Land, rolling and broken.  
Soil, thin, sandy loam; 3rd rate.  
No timber.  
Undergrowth, broom brush.  
Fair grass.

From the cor. of secs. 3, 4, 33 and 34, on the S. bdy. of  
the Tp., hereinbefore described,  
N.0°2'W., bet. secs. 33 and 34,  
Over level land, through scattering undergrowth.

22. Survey of the  
Subdivision of T. 19 N., R. 13 E.

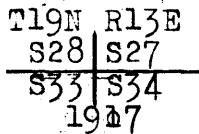
Chains.

36.50 Road, brs. N.70°E. and S.70°W.  
40.00 Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the ground, in a mound of stone, for 1/4 sec. cor., marked on brass cap



Dig pits, 18 X 18 X 12 ins., N. and S. of post, 3 ft. dist.

Thence over slightly rolling land.  
80.00 Set an iron post, 3 ft. long, 2 ins. diam., 8 ins. in the ground, in a mound of stone, for cor. of secs. 27, 28, 33 and 34, marked on brass cap



And raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.

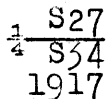
Land, level and slightly rolling.  
Soil, thin, sandy loam; 3rd rate.  
No timber.  
Undergrowth, Brigham brush and shadskale.  
Fair grass.

Y

40.00 East on a random line, bet. secs. 27 and 34.  
Set temp. 1/4 sec. cor.  
80.00 Intersect N. and S. line, 9 lks. N. of the cor. of secs. 26, 27, 34 and 35.

Thence  
N.89°56'W., on a true line, bet. secs. 27 and 34.  
Over rolling land, through scattering undergrowth and timber.

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



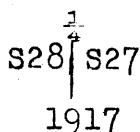
Dig pits, 18 X 18 X 12 ins., E. and W. of post, 3 ft. dist.

From this cor., Pitchfork Tanks br. North.  
Small house brs. N.4°E., about 1/2 mile dist.

46.30 Shallow draw, course NE.  
50.30 Road, brs. N.10°E. and S.10°W.  
80.00 The cor. of secs. 27, 28, 33 and 34.

Land, rolling.  
Soil, thin, sandy loam; 3rd rate.  
Timber, scattering scrub cedar.  
Undergrowth, Brigham brush, greasewood and shadskale.

N.0°2'W., bet. secs. 27 and 28.  
10.50 Over rolling land, through scattering timber and undergrowth.  
Enter rocky gulch, course NE. Desc. 25 ft.  
11.95 Wash, 10 lks. wide, 2 ft. deep, course NE.  
13.00 Leave rocky gulch, course NE. Asc. 25 ft.  
40.00 Set an iron post, 3 ft. long, 1 in. diam., 10 ins. in the ground, in a mound of stone, for 1/4 sec. cor., marked on brass cap





Survey of the  
Subdivision of T. 19 N., R. 13 E. 23.

chains.

55.25 And raise a mound of stone, 2½ ft. base, 2 ft. high, W.  
of cor.  
62.00 Road, brs. E. and W.  
62.00 Shallow wash, course NE.  
80.00 Set an iron post, 3 ft. long, 2 ins. diam., 16 ins. in the  
ground, in a mound of stone, for cor. of secs. 21, 22,  
27 and 28, marked on brass cap

T19N R13E  
S21|S22  
S28|S27  
1917

And raise a mound of stone, 3 ft. base, 2 ft. high, W.  
of cor.  
Land, rolling and broken.  
Soil, thin, sandy loam; rocky; 3rd rate.  
Timber, scattering cedar.  
Undergrowth, broom brush, Brigham brush and shadskale.

40.00 S.89°56'E., on a random line, bet. secs. 22 and 27.  
Set temp. ¼ sec. cor.  
80.05 Intersect N. and S. line, 2 lks. N. of the cor. of secs.  
22, 23, 26 and 27.  
Thence  
N.89°55'W., on a true line, bet. secs. 22 and 27.  
Over rolling land, through scattering undergrowth.  
0.45 Road, brs. N.20°E. and S.20°W.  
10.55 Rocky rim, 15 ft. high, brs. N. and S.  
13.25 Wash, 20 lks. wide, course N.  
31.05 S. end of row of sandstone boulders, brs. N.  
34.60 Road, brs. N. and S.  
40.02½ Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the  
ground, for ¼ sec. cor., marked on brass cap

¼ S22  
¼ S27  
1917

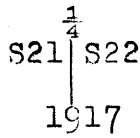
Dig pits, 18 X 18 X 12 ins., E. and W. of post, 3 ft.  
dist.  
A cedar, 10 ins. diam., brs. S.25°E., 161 lks. dist.,  
marked ¼S27 BT.  
65.05 Enter scattering timber, brs. N. and S.  
71.95 Draw, course N.  
80.05 The cor. of secs. 21, 22, 27 and 28.  
Land, rolling.  
Soil, thin, sandy loam; rocky; 3rd rate.  
Timber, scattering cedar.  
Undergrowth, broom brush, greasewood, Brigham brush and  
shadskale.  
Some grass.

N.0°2'W., bet. secs. 21 and 22.  
Over rolling land, through scattering undergrowth.  
15.00 W. end of sandstone boulders, extends E.  
19.70 Wash, 10 lks. wide, course NE.  
25.00 Shallow draw, course E.  
28.70 Rim of sandstone boulders, 15 ft. high, brs. E. and W.  
Thence across ledge.  
31.70 Leave sandstone boulders, br. E. and W. Thence over roll-  
ing land.  
33.64 Highway, brs. N.70°E. and S.70°W.  
40.00 Set an iron post, 3 ft. long, 1 in. diam., 8 ins. in the  
ground, in a mound of stone, for ¼ sec. cor., marked on  
brass cap

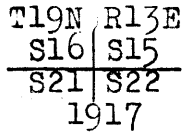
24.

Survey of the  
Subdivision of T. 19 N., R. 13 E.

Chains.



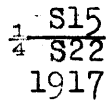
80.00 And raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.  
Set an iron post, 3 ft. long, 2 ins. diam., 8 ins. in the ground, in a mound of stone, for cor. of secs. 15, 16, 21 and 22, marked on brass cap



And raise a mound of stone, 3 ft. base, 3 ft. high, W. of cor.  
Land, rolling and broken.  
Soil, thin, sandy loam; rocky; 3rd rate.  
Timber, very scattering cedar.  
Undergrowth, broom brush and shadskale.  
Some grass.

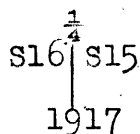
40.00 S. 89°55'E., on a random line, bet. secs. 15 and 22.  
Set temp.  $\frac{1}{4}$  sec. cor.  
80.02 Intersect N. and S. line, 2 lks. S. of the cor. of secs. 14, 15, 22 and 23.

Thence  
N. 89°56'W., on a true line, bet. secs. 15 and 22.  
Over rolling and broken land, strewn with sandstone boulders, through scattering undergrowth.  
31.00 Leave sandstone boulders. Thence over rolling land.  
40.01 Set an iron post, 3 ft. long, 1 in. diam., on solid rock, in a mound of stone, for  $\frac{1}{2}$  sec. cor., marked on brass cap



80.02 And raise a mound of stone, 3 ft. base, 3 ft. high, N. of cor.  
The cor. of secs. 15, 16, 21 and 22.  
Land, rolling and broken, strewn with sandstone boulders.  
Soil, thin, sandy loam; rocky; 3rd rate.  
No timber.  
Undergrowth, broom brush, shadskale and Brigham brush.  
Some grass.

N. 0°2'W., bet. secs. 15 and 16.  
Over rolling and broken land, through scattering undergrowth.  
5.30 Wash, 10 lks. wide, course NE.  
20.75 Wash, 20 lks. wide, course E.  
37.30 Wash, 20 lks. wide, course NE.  
40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for  $\frac{1}{4}$  sec. cor., marked on brass cap

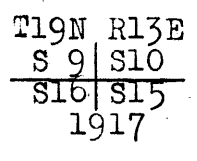


60.00 And raise a mound of stone, 2 ft. base, 2 ft. high, W. of cor.  
Thence over sandstone boulders and ledges, br. E. and W.

Survey of the  
Subdivision of T. 19 N., R. 13 E.

chains.

64.00 Leave boulders and ledges, br. E. and W.  
 78.80 Wash, 15 lks. wide, 1 ft. deep, course E.  
 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the  
 ground, for cor. of secs. 9, 10, 15 and 16, marked on  
 brass cap

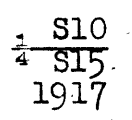


And raise a mound of stone, 3 ft. base, 3 ft. high, W.  
 of cor.  
 Land, rolling and broken.  
 Soil, thin, sandy loam, rocky; 3rd rate.  
 No timber.  
 Undergrowth, broom brush, Brigham brush and shadskale.  
 Some grass.

40.00 S. 89°56'E., on a random line, bet. secs. 10 and 15.  
 Set temp.  $\frac{1}{4}$  sec. cor.  
 80.01 Intersect N. and S. line, 2 lks. S. of the cor. of secs.  
 10, 11, 14 and 15.

Thence  
 N. 89°57'W., on a true line, bet. secs. 10 and 15.  
 Over rolling and broken land, through scattering under-  
 growth.

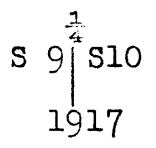
20.00 Shallow draw, course NE.  
 40.00 $\frac{1}{2}$  Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the  
 ground, for  $\frac{1}{4}$  sec. cor., marked on brass cap



And raise a mound of stone, 3 ft. base, 3 ft. high, N.  
 of cor.

54.60 Shallow wash, 30 lks. wide, course NE.  
 80.01 The cor. of secs. 9, 10, 15 and 16.  
 Land, rolling and broken.  
 Soil, thin, sandy loam; 3rd rate.  
 No timber.  
 Undergrowth, broom brush, shadskale and Brigham brush.  
 Some grass.

40.00 N. 0°2'W., bet. secs. 9 and 10.  
 Over rolling and broken land, through scattering undergrowth.  
 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the  
 ground, for  $\frac{1}{4}$  sec. cor., marked on brass cap



And raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$  ft. high, W.  
 of cor.

41.90 Wash, 50 lks. wide, course NE.  
 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 10 ins. in the  
 ground, in a mound of stone, for cor. of secs. 3, 4, 9  
 and 10, marked on brass cap

26.

Survey of the  
Subdivision of T. 19 N., R. 13 E.

Chains.

T19N R13E  
S 4 | S 3  
S 9 | S 10  
1917

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

Land, rolling and broken.  
Soil, thin and sandy; 3rd rate.  
No timber.  
Scattering broom brush.  
Fair grass.

40.00

S.  $89^{\circ}57'E.$ , on a random line, bet. secs. 3 and 10.  
Set temp.  $\frac{1}{4}$  sec. cor.

80.02

Intersect N. and S. line, 9 lks. N. of the cor. of secs. 2, 3, 10 and 11.

Thence

N.  $89^{\circ}53'W.$ , on a true line, bet. secs. 3 and 10.  
Over rolling and broken land, through scattering undergrowth.

40.01

Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for  $\frac{1}{4}$  sec. cor., marked on brass cap

$\frac{1}{4}$  S 3  
S 10  
1917

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

49.20

Sand stone ledge, brs. NE. and SW.

80.02

The cor. of secs. 3, 4, 9 and 10.  
Land, rolling and broken.  
Soil, thin, sandy loam; 3rd rate.  
No timber.  
Undergrowth, broom brush.  
Fair grass.

40.00

N.  $0^{\circ}2'W.$ , on a random line, bet. secs. 3 and 4.  
Set temp.  $\frac{1}{4}$  sec. cor.

87.50

Intersect N. bdy. of Tp. 16 lks. W. of the cor. of secs. 3, 4, 33 and 34, hereinbefore described.

Thence

S.  $0^{\circ}4'W.$ , on a true line, bet. secs. 3 and 4.  
Over rolling and broken land, through scattering undergrowth.

27.50

Top of small butte, 25 ft. high, 3 chs. across.

47.50

Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the ground, in a mound of stone, for  $\frac{1}{4}$  sec. cor., marked on brass cap

$\frac{1}{4}$   
S 4 | S 3  
1917

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

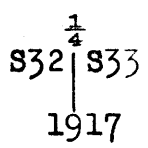
87.50

The cor. of secs. 3, 4, 9 and 10.  
Land, rolling and broken.  
Soil, thin, sandy and rocky; 3rd rate.  
No timber.  
Undergrowth, broom brush.  
Fair grass.

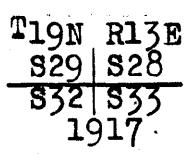
Survey of the  
Subdivision of T. 19 N., R. 13 E.

Chains.

From the cor. of secs. 4, 5, 32 and 33, on the S. bdy. of the Tp., hereinbefore described,  
N.0°3'W., bet. secs. 32 and 33.  
Over rolling land, through scattering undergrowth.  
40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for  $\frac{1}{4}$  sec. cor., marked on brass cap



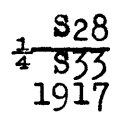
Dig pits, 18 X 18 X 12 ins., N. and S. of post, 3 ft. dist.  
80.00 Set an iron post, 3 ft. long, 2 ins. diam., 14 ins. in the ground, in a mound of stone, for cor. of secs. 28, 29, 32 and 33, marked on brass cap



And raise a mound of stone, 3 ft. base, 1 $\frac{1}{2}$  ft. high, W. of cor.  
Land, rolling.  
Soil, thin and gravelly; rocky in places; 3rd rate.  
No timber.  
Undergrowth, broom brush.  
Good grass.

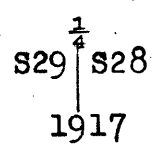
40.00 East on a random line, bet. secs. 28 and 33.  
Set temp.  $\frac{1}{4}$  sec. cor.  
79.96 Intersect N. and S. line, at the cor. of secs. 27, 28, 33 and 34.

Thence  
West on a true line, bet. secs. 28 and 33.  
Over slightly rolling land, through scattering undergrowth.  
7.75 Wash, 40 lks. wide,  $\frac{1}{2}$  ft. deep, course N.  
39.98 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for  $\frac{1}{4}$  sec. cor., marked on brass cap



And raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor.  
79.96 The cor. of secs. 28, 29, 32 and 33.  
Land, slightly rolling.  
Soil, thin, and sandy; 3rd rate.  
No timber.  
Undergrowth, scattering broom brush.  
Poor grass.

N.0°3'W., bet. secs. 28 and 29.  
Over slightly rolling land, through scattering undergrowth.  
40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for  $\frac{1}{4}$  sec. cor., marked on brass cap



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

28.

Survey of the  
Subdivision of T. 19 N., R. 13 E.

Chains.

69.00 Small ravine, 2 chs. wide, 20 ft. deep, course E.  
80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for cor. of secs. 20, 21, 28 and 29, marked on brass cap

T19N R13E  
S20 | S21  
-----  
S29 | S28  
1917

And raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.  
Land, slightly rolling.  
Soil, thin and sandy; 3rd rate; limestone outcroppings.  
No timber.  
Undergrowth, broom brush.  
Poor grass.

40.00 East on a random line, bet. secs. 21 and 28.  
Set temp. 1/4 sec. cor.  
80.00 Intersect N. and S. line, at the cor. of secs. 21, 22, 27 and 28.

Thence  
West on a true line, bet. secs. 21 and 28.  
Over rolling and broken land, through scattering undergrowth.

8.20 Wash, 12 lks. wide, 2 ft. deep, course NE.  
15.80 Sandstone ledge, brs. NW. and SE.  
25.25 Sandstone ledge, brs. NW. and SE.  
40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for 1/4 sec. cor., marked on brass cap

1/4 S21  
-----  
1/4 S28  
1917

And raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor.  
50.40 Road, brs. NW. and SE.  
80.00 The cor. of secs. 20, 21, 28 and 29.  
Land, rolling and broken.  
Soil, thin and sandy; 3rd rate.  
No timber.  
Undergrowth, scattering broom brush.  
Fair grass.

N.0°3'W., bet. secs. 20 and 21.  
Over slightly rolling land, through scattering undergrowth.  
17.85 Road, brs. NW. and SE.  
40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for 1/4 sec. cor., marked on brass cap

1/4  
S20 | S21  
-----  
1917

And raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.  
45.27 Highway, brs. N.75 1/2°W. and S.75 1/2°E.  
80.00 Set an iron post, 3 ft. long, 2 ins. diam., 12 ins. in the ground, in a mound of stone, for cor. of secs. 16, 17, 20 and 21, marked on brass cap

Survey of the  
Subdivision of T. 19 N., R. 13 E.

Chains.

T19N R13E  
S17 | S16  
-----  
S20 | S21  
1917

And raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.  
Land, slightly rolling.  
Soil, thin and sandy; 3rd rate.  
No timber.  
Undergrowth, broom brush.  
Fair grass.

40.00 East on a random line, bet. secs. 16 and 21.  
Set temp.  $\frac{1}{4}$  sec. cor.  
80.00 Intersect N. and S. line, 5 lks. S. of the cor. of secs. 15, 16, 21 and 22.  
Thence  
S. 89° 58' W., on a true line, bet. secs. 16 and 21.  
Over rolling land, through scattering undergrowth.  
2.90 Wash, -in bottom of draw, 10 chs. wide, -course NE.  
15.00 Enter timber, brs. N. and S.  
16.90 Wash, 20 lks. wide, 2 ft. deep, course NE.  
31.45 Leave scattering timber, brs. N. and S.  
38.40 Road, brs. N. and S.  
40.00 Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the ground, in a mound of stone, for  $\frac{1}{4}$  sec. cor., marked on brass cap

$\frac{1}{4}$  S16  
-----  
S21  
1917

80.00 Dig pits, 18 X 18 X 12 ins., E. and W. of post, 3 ft. dist.  
The cor. of secs. 16, 17, 20 and 21.  
Land, rolling.  
Soil, thin and sandy; 3rd rate.  
Timber, scattering scrub cedar.  
Undergrowth, broom brush.  
Poor grass.

29.80 N. 0° 3' W., bet. secs. 16 and 17.  
Over slightly rolling land, through scattering undergrowth.  
Road, brs. NW. and SE.  
40.00 Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the ground, in a mound of stone, for  $\frac{1}{4}$  sec. cor., marked on brass cap

$\frac{1}{4}$   
S17 | S16  
-----  
1917

48.30 And raise a mound of stone, 3 ft. base, 1  $\frac{1}{2}$  ft. high, W. of cor.  
Old road, brs. NE. and SW.  
80.00 Set an iron post, 3 ft. long, 2 ins. diam., 14 ins. in the ground, in a mound of stone, for cor. of secs. 8, 9, 16 and 17, marked on brass cap

T19N R13E  
S 8 | S 9  
-----  
S17 | S16  
1917

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

30.

Survey of the  
Subdivision of T. 19 N., R. 13 E.

Chains.

Land, rolling and slightly rolling.  
Soil, thin and sandy; 3rd rate.  
No timber.  
Undergrowth, broom brush.  
Fair grass.

40.00 N. 89° 58' E., on a random line, bet. secs. 9 and 16.  
Set temp.  $\frac{1}{4}$  sec. cor.  
79.88 Intersect N. and S. line, 9 lks. S. of the cor. of secs.  
9, 10, 15 and 16.

Thence  
S. 89° 54' W., on a true line, bet. secs. 9 and 16.  
Over rolling and broken land, through scattering under-  
growth and timber.  
24.90 Sandstone ledge, brs. NW. and SE.  
39.94 Set an iron post, 3 ft. long, 1 in. diam., 24 ins. in the  
ground, in a mound of stone, for  $\frac{1}{4}$  sec. cor., marked on  
brass cap

$\frac{1}{4}$  S 9  
S 16  
1917

And raise a mound of stone, 3 ft. base, 2 ft. high, N.  
of cor.

58.30 Limestone rim rock, brs. N. and S.  
79.88 The cor. of secs. 8, 9, 16 and 17.  
Land, rolling and broken.  
Soil, thin and sandy; 3rd rate; sandstone outcroppings.  
Timber, scattering cedar.  
Undergrowth, broom brush.

N. 0° 3' W., bet. secs. 8 and 9.  
Over slightly rolling land, through scattering undergrowth.  
5.00 Shallow draw, course NE.  
40.00 Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the  
ground, in a mound of stone, for  $\frac{1}{4}$  sec. cor., marked on  
brass cap

$\frac{1}{4}$   
S 8 | S 9  
1917

And raise a mound of stone, 3 ft. base, 3 ft. high, W.  
of cor.

52.00 Rock ledge, 20 ft. high, brs. NW. and SE.  
67.00 From this point, a rock and earth dam, 20 ft. high, 1 ch.  
long, brs. W. about 6 chs. dist.  
71.00 Shallow draw, 1 ch. wide, course NE.  
80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the  
ground, for cor. of secs. 4, 5, 8 and 9, marked on brass  
cap

T19N R13E  
S 5 | S 4  
S 8 | S 9  
1917

And raise a mound of stone, 3 ft. base, 2 ft. high, W.  
of cor.

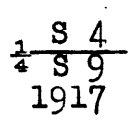
Land, rolling and slightly rolling.  
Soil, thin, sandy loam; rocky; 3rd rate.  
No timber.  
Undergrowth, broom brush and shadskale.  
Fair grass.



Survey of the  
Subdivision of T. 19 N., R. 13 E. 31.

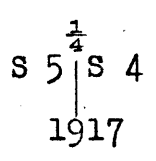
Chains.

40.00 N.89°54'E., on a random line bet. secs. 4 and 9.  
Set temp.  $\frac{1}{4}$  sec. cor.  
79.86 Intersect N. and S. line, 7 lks. N. of the cor. of secs.  
3, 4, 9 and 10.  
Thence  
S.89°57'W., on a true line, bet. secs. 4 and 9.  
Over rolling and broken land, through scattering under-  
g growth.  
39.93 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the  
ground, for  $\frac{1}{4}$  sec. cor., marked on brass cap



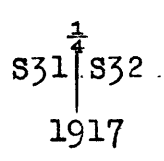
79.86 Dig pits, 18 X 18 X 12 ins., E. and W. of post, 3 ft.  
dist.  
The cor. of secs. 4, 5, 8 and 9.  
Land, rolling and broken.  
Soil, thin and sandy; 3rd rate; sandstone outcroppings.  
No timber.  
Undergrowth, broom brush.  
Fair grass.

40.00 N.0°3'W., on a random line, bet. secs. 4 and 5.  
Set temp.  $\frac{1}{4}$  sec. cor.  
87.37 Intersect N. bdy. of Tp., 13 lks. W. of the cor. of secs.  
4, 5, 32 and 33, hereinbefore described.  
Thence  
S.0°2'W., on a true line, bet. secs. 4 and 5.  
Over rolling and broken land, through scattering under-  
growth.  
14.45 Wash, 20 lks. wide, course NE.  
47.37 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the  
ground, for  $\frac{1}{4}$  sec. cor., marked on brass cap



87.37 And raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high, W.  
of cor.  
The cor. of secs. 4, 5, 8 and 9.  
Land, rolling and broken.  
Soil, thin, sandy and rocky; 3rd rate.  
No timber.  
Undergrowth, broom brush.  
Fair grass.

2.90 From the cor. of secs. 5, 6, 31 and 32, on the S. bdy. of  
Tp., hereinbefore described,  
30.00 N.0°3'W., bet. secs. 31 and 32.  
Over slightly rolling land, through scattering undergrowth.  
40.00 Shallow draw, course E.  
Shallow draw, course E.  
Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the  
ground, for  $\frac{1}{4}$  sec. cor., marked on brass cap



And raise a mound of stone, 3 ft. base, 2 ft. high, W.  
of cor.

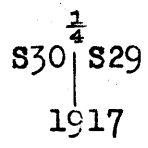
32. Survey of the  
Subdivision of T. 19 N., R. 13 E.

Chains. 80.00	<p>Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for cor. of secs. 29, 30, 31 and 32, marked on brass cap</p> <p style="text-align: center;">           T19N R13E            S30 S29            S31 S32            1917         </p> <p>And raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor. Land, slightly rolling. Soil, thin, sandy loam, rocky; 3rd rate. No timber. Undergrowth, greasewood, broom brush, shadskale and Brigham brush. Some grass.</p>
40.00 79.90	<p>East on a random line, bet. secs. 29 and 32. Set temp. <math>\frac{1}{4}</math> sec. cor. Intersect N. and S. line, 5 lks. S. of the cor. of secs. 28, 29, 32 and 33. Thence</p>
39.95	<p>S. <math>89^{\circ}58'</math> W., on a true line, bet. secs. 29 and 32. Over rolling land, through scattering undergrowth. Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for <math>\frac{1}{4}</math> sec. cor., marked on brass cap</p> <p style="text-align: center;"> <math>\frac{1}{4}</math> S29  <math>\frac{1}{4}</math> S32            1917         </p> <p>And raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor.</p>
40.40 79.90	<p>Shallow draw, course NE. The cor. of secs. 29, 30, 31 and 32. Land, rolling. Soil, thin, sandy loam; 3rd rate. No timber. Undergrowth, broom brush, shadskale, greasewood and Brigham brush. Some grass.</p>
40.00 83.77	<p>West on a random line, bet. secs. 30 and 31. Set temp. <math>\frac{1}{4}</math> sec. cor. Intersect the reestablished cor. of secs. 30 and 31, on W. bdy. of Tpl., hereinbefore described. Thence</p>
3.77 43.77	<p>East on a true line, bet. secs. 30 and 31. Over rolling land, through scattering undergrowth. Shallow draw, 3 chs. wide, course NE. Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for <math>\frac{1}{4}</math> sec. cor., marked on brass cap</p> <p style="text-align: center;"> <math>\frac{1}{4}</math> S30  <math>\frac{1}{4}</math> S31            1917         </p> <p>Dig pits, 18 X 18 X 12 ins., E. and W. of post, 3 ft. dist.</p>
83.77	<p>The cor. of secs. 29, 30, 31 and 32. Land, rolling. Soil, thin, sandy loam; 3rd rate. No timber. Undergrowth, broom brush, shadskale, and Brigham brush. Some grass.</p>

Survey of the  
Subdivision of T. 19 N., R. 13 E.

Chains.

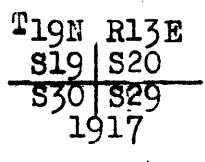
40.00 N.0°3'W., bet. secs. 29 and 30.  
Over slightly rolling land, through scattering undergrowth.  
Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the  
ground, for 1/4 sec. cor., marked on brass cap



75.00 Dig pits, 18 X 18 X 12 ins., N. and S. of post, 3 ft.  
dist.

80.00 Shallow draw, 4 chs. wide, course E.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the  
ground, for cor. of secs. 19, 20, 29 and 30, marked on  
brass cap



And raise a mound of stone, 3 ft. base, 3 ft. high, W.  
of cor.

Land, slightly rolling.

Soil, thin, sandy loam; 3rd rate.

No timber.

Undergrowth, broom brush, greasewood and shadskale.

Some grass.

40.00 N.89°58'E., on a random line, bet. secs. 20 and 29.  
Set temp. 1/4 sec. cor.

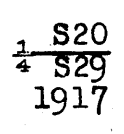
79.90 Intersect N. and S. line, 9 lks. S. of the cor. of secs.  
20, 21, 28 and 29.

Thence

S.89°54'W., on a true line, bet secs. 20 and 29.

Over rolling land, through scattering undergrowth.

39:95 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the  
ground, for 1/4 sec. cor., marked on brass cap



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

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

72.80 Trail, brs. NW. and SE.

72.80 Wash, 20 lks. wide, course NE.

79.90 The cor. of secs. 19, 20, 29 and 30.

Land, rolling.

Soil, thin, sandy loam, gravelly; 3rd rate.

No timber.

Undergrowth, greasewood, broom brush, shadskale and Brigham  
brush.

Some grass.

40.00 West on a random line, bet. secs. 19 and 30.  
Set temp. 1/4 sec. cor.

83.75 Fall 7 lks. N. of the reestablished cor. of secs. 19 and  
30, on W. bdy, of Tp., hereinbefore described.

Thence

N.89°57'E., on a true line, bet. secs. 19 and 30.

Over rolling land, through scattering undergrowth.

Desc. gradually, 35 ft.

19.00 Thence over slightly rolling land,

Survey of the  
Subdivision of T. 19 N., R. 13 E.

34.

Chains.

43.75 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for  $\frac{1}{4}$  sec. cor., marked on brass cap

$\frac{1}{4}$  S19  
S30  
1917

And raise a mound of stone, 3 ft. base, 3 ft. high, N. of cor.

83.75 The cor. of secs. 19, 20, 29 and 30.  
Land, rolling, and slightly rolling.  
Soil, thin, sandy loam; rocky; 3rd rate.  
No timber.  
Undergrowth, greasewood, broom brush, shadskale and Brigham brush.  
Some grass.

39.40 N.0°3'W., bet. secs. 19 and 20.  
Over rolling land, through scattering undergrowth.  
Road, brs. E. and W.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for  $\frac{1}{4}$  sec. cor., marked on brass cap

S19  $\frac{1}{4}$  S20  
1917

65.52 Dig pits, 18 X 18 X 12 ins., N. and S. of post, 3 ft. dist.  
Highway, brs. E. and W.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for cor. of secs. 17, 18, 19 and 20, marked on brass cap

T19N R13E  
S18 | S17  
S19 | S20  
1917

And raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.

Land, slightly rolling.  
Soil, thin, sandy loam; 3rd rate.  
No timber.  
Undergrowth, greasewood, broom brush and Brigham brush.  
Some grass.

40.00 N.89°54'E., on a random line, bet. secs. 17 and 20.  
Set temp.  $\frac{1}{4}$  sec. cor.

79.85 Intersect N. and S. line, 14 lks. N. of the cor. of secs. 16, 17, 20 and 21.

Thence  
West on a true line, bet. secs. 17 and 20.

39.92  $\frac{1}{2}$  Over rolling land, through scattering undergrowth.  
Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for  $\frac{1}{4}$  sec. cor., marked on brass cap

S17  
 $\frac{1}{4}$  S20  
1917

And raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor.

79.85 The cor. of secs. 17, 18, 19 and 20.  
Land, rolling and slightly rolling.  
Soil, thin, sandy loam; 3rd rate.

Survey of the  
Subdivision of T. 19 N., R. 13 E.

Chains.	<p>No timber. Undergrowth, broom brush, shadskale and greasewood. Some grass.</p>
40.00	<p>S. 89° 57' W., on a random line, bet. secs. 18 and 19. Set temp. <math>\frac{1}{4}</math> sec. cor.</p>
83.61	<p>Fall 2 lks. S. of the reestablished cor. of secs. 18 and 19, on W. bdy. of Tp., hereinbefore described.</p>
26.46	<p>Thence N. 89° 58' E., on a true line, bet. secs. 18 and 19. Over rolling land, through scattering undergrowth. Highway, brs. N. 70° W. and S. 70° E.</p>
43.61	<p>Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for <math>\frac{1}{4}</math> sec. cor., marked on brass cap</p>
<p style="text-align: center;">S18 <math>\frac{1}{4}</math> S19 1917</p>	
58.61	<p>And raise a mound of stone, 2 <math>\frac{1}{2}</math> ft. base, 1 <math>\frac{1}{2}</math> ft. high, N. of cor.</p>
83.61	<p>Shallow draw, 2 chs. wide, course NE. The cor. of secs. 17, 18, 19 and 20.</p>
<p>Land, rolling. Soil, thin, sandy loam; gravelly; 3rd rate. No timber. Undergrowth, greasewood, broom brush and shadskale. No grass.</p>	
33.00	<p>N. 0° 3' W., bet. secs. 17 and 18. Over rolling land, through scattering undergrowth.</p>
40.00	<p>Shallow draw, 5 chs. wide, course NE. Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for <math>\frac{1}{4}</math> sec. cor., marked on brass cap</p>
<p style="text-align: center;"><math>\frac{1}{4}</math> S18   S17 1917</p>	
44.00	<p>And raise a mound of stone, 2 <math>\frac{1}{2}</math> ft. base, 2 ft. high, W. of cor.</p>
44.50	<p>Dim road, brs. E. and W.</p>
80.00	<p>Small rock house, brs. West 2 <math>\frac{1}{2}</math> chs. dist. Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for cor. of secs. 7, 8, 17 and 18, marked on brass cap</p>
<p style="text-align: center;">T19N R13E S 7   S 8 S18   S17 1917</p>	
<p>Dig pits, 18 X 18 X 12 ins., in each sec., 5 <math>\frac{1}{2}</math> ft. dist. Land, rolling. Soil, thin, sandy loam; 3rd rate. No timber. Undergrowth, greasewood, broombrush and shadskale. Some grass.</p>	
40.00	<p>East on a random line, bet. secs. 8 and 17. Set temp; <math>\frac{1}{4}</math> sec. cor.</p>
79.99	<p>Intersect N. and S. line, 11 lks. N. of the cor. of secs. 8, 9, 16 and 17.</p>

36.

Survey of the  
Subdivision of T. 19 N., R. 13 E.

Chains.

Thence  
N.89°55'W., on a true line, bet. secs. 8 and 17.  
Over slightly rolling land, through scattering undergrowth.  
8.10 Shallow wash, 20 lks. wide, course NE.  
39.99½ Set an iron post, 3 ft. long, 1 in. diam., 6 ins. in the  
ground, in a mound of stone, for ¼ sec. cor., marked on  
brass cap

1/4 S 8  
1/4 S 17  
1917

And raise a mound of stone, 2½ ft. base, 2 ft. high, N.  
of cor.

59.50 Dim road, brs. NE. and SW.  
79.99 The cor. of secs. 7, 8, 17 and 18.  
Land, slightly rolling.  
Soil, thin, sandy loam; rocky; 3rd rate.  
No timber.  
Undergrowth, broom brush and shadskale.  
Some grass.

S.89°58'W., on a random line, bet. secs. 7 and 18.  
40.00 Set temp. ¼ sec. cor.  
83.42 Fall 3 lks. S. of the reestablished cor. of secs. 7 and 18,  
on W. bdy. of Tp., hereinbefore described.

Thence  
N.89°59'E., on a true line, bet. secs. 7 and 18.  
Over rolling land, through scattering undergrowth.  
43.42 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the  
ground, for ¼ sec. cor., marked on brass cap

1/4 S 7  
1/4 S 18  
1917

And raise a mound of stone, 2 ft. base, 1½ ft. high, N.  
of cor.

52.42 Shallow draw, course N.  
83.42 The cor. of secs. 7, 8, 17 and 18.  
Land, rolling.  
Soil, thin, sandy loam; rocky; 3rd rate.  
No timber.  
Undergrowth, greasewood, shadskale and Brigham brush.  
Some grass.

N.0°3'W., bet. secs. 7 and 8.  
40.00 Over slightly rolling land, through scattering undergrowth.  
Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the  
ground, for ¼ sec. cor., marked on brass cap

1/4 S 7 | S 8  
1917

And raise a mound of stone, 2½ ft. base, 2 ft. high, W.  
of cor.

79.50 Shallow draw, course NE.  
80.00 Set an iron post, 3 ft. long, 2 ins. diam., 12 ins. in the  
ground, for cor. of secs. 5, 6, 7 and 8, marked on brass  
cap

T19N R13E  
S 6 | S 5  
S 7 | S 8  
1917

Survey of the  
Subdivision of T. 19 N., R. 13 E.

37.

Chains.

And raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.  
Land, rolling.  
Soil, thin, sandy loam; 3rd rate.  
No timber.  
Undergrowth, broom brush, shadskale and greasewood.  
Fair grass.

40;00 S. 89°55'E., on a random line, bet. secs. 5 and 8.  
Set temp.  $\frac{1}{4}$  sec. cor.  
80.00 Intersect N. and S. line, 9 lks. S. of the cor. of secs. 4, 5, 8 and 9.  
Thence  
N. 89°59'W., on a true line, bet. secs. 5 and 8.  
Over rolling land, through scattering undergrowth.  
Asc. 40 ft.  
17.00 Sandstone ledge, brs. NW. and SE. Desc. 40 ft.  
33.00 Shallow draw, course SE. Thence over rolling land.  
40.00 Set an iron post, 3 ft. long, 1 in. diam., 6 ins. in the ground, in a mound of stone, for  $\frac{1}{4}$  sec. cor., marked on brass cap

$\frac{1}{4}$  S 5  
S 8  
1917

60.00 And raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor.  
Row of sandstone boulders, 1 ch. wide, brs. N. and S.  
79.50 Shallow draw, course NE., 1 ch. wide, brs. N. and S.  
80.00 The cor. of secs. 5, 6, 7 and 8.  
Land, slightly rolling.  
Soil, thin, sandy loam; 3rd rate.  
No timber.  
Undergrowth, broom brush and greasewood.  
Fair grass.

40.00 S. 89°57'W., on a random line, bet. secs. 6 and 7.  
Set temp.  $\frac{1}{4}$  sec. cor.  
83.35 Fall 5 lks. N. of the reestablished cor. of secs. 6 and 7, on W. bdy. of Tp., described in Book "C. 113.  
Thence  
N. 89°55'E., on a true line, bet. secs. 6 and 7.  
Over slightly rolling land, through scattering undergrowth.  
43.35 Set an iron post, 3 ft. long, 1 in. diam., 16 ins. in the ground, in a mound of stone, for  $\frac{1}{4}$  sec. cor., marked on brass cap

$\frac{1}{4}$  S 6  
S 7  
1917

83.35 And raise a mound of stone, 2 ft. base, 1  $\frac{1}{2}$  ft. high, N. of cor.  
The cor. of secs. 5, 6, 7 and 8.  
Land, slightly rolling.  
Soil, thin, sandy loam; rocky; 3rd rate.  
No timber.  
Undergrowth, broom brush, shadskale and Brigham brush.  
Good grass.

40.00 N. 0°3'W., on a random line, bet. secs. 5 and 6.  
Set temp.  $\frac{1}{4}$  sec. cor.  
87.09 Intersect N. bdy. of Tp., 6 lks. W. of the cor. of secs. 5, 6, 31 and 32, hereinbefore described.  
Thence

38.

Survey of the  
Subdivision of T. 19 N., R. 13 E.

Chains.	S.0°1'E., on a true line, bet. secs. 5 and 6. Over rolling land, through scattering undergrowth. Wash, 10 lks. wide, course NE.
0.60 47.09	Set an iron post, 3 ft. long, 1 in. diam., 14 ins. in the ground, in a mound of stone, for $\frac{1}{4}$ sec. cor., marked on brass cap
	$S \ 6 \frac{1}{4} \ S \ 5$ $1917$
	And raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor.
72.09	Shallow draw, course NE.
87.09	The cor. of secs. 5, 6, 7 and 8. Land, slightly rolling. Soil, thin, sandy loam; rocky; 3rd rate. No timber. Undergrowth, broom brush, shadskale and Brigham brush. Fair grass.

Boundaries of Township 19 North, Range 13 East.

Latitudes, departures and closing errors.

Line designated.	True bearing.	Dist.	Latitudes.		Departures.	
			N.	S.	E.	W.
		chs.	chs.	chs.	chs.	chs.
South Boundary.	West.	483.82				483.82
West Boundary.	N. 0° 2'E.	38.55	38.55		.02	
	N. 0° 1'E.	39.87	39.87		.01	
	N. 0° 3'W.	40.14	40.14			.04
	N. 0° 4'W.	39.94	39.94			.05
	N. 0° 3'E.	40.10	40.10		.04	
	N. 0° 1'W.	39.90	39.90		.01	
	North.	39.98	39.98			
N. 0° 6'E.	39.97	39.97		.07		
North	168.71	168.71				
North Boundary.	East.	483.50			483.50	
East Boundary.	South.	487.46		487.46		
Convergency.					.52	
Totals			487.16	487.46	484.17	483.91
				487.16	483.91	
Error in latitude			0.30			
Error in departure					0.26	

GENERAL DESCRIPTION.

**SURFACE:** Rolling in all parts. The W. bdy. of Tp. W. of secs. 18 and 19, is on the eastern slope of Crater Mountain, which is the result of a meteor of enormous size having struck and penetrated the earth, forming a circular depression about 500 ft. deep, and about 4000 ft. diameter at the top of the rim, which is elevated about 400 ft. above the level of the surrounding country.

**SOIL:** Thin, sandy loam, in many parts gravelly, and in other parts rocky. All can be classed as third rate.

**TIMBER:** None except a scattering growth of cedar in southern part.

**UNDERGROWTH:** scattering greasewood, broom brush, shadskale and brigham brush.

**GRASS:** A fair growth in most parts.

**MINERAL:** Placer claims covering the iron deposits of the meteor in Crater Mountain overlap the W. bdy. of the Tp., but no other evidence of mineral deposits exists.

**WATER COURSES:** No permanent running water exists in any part, the drainage system being dry washes, having a general



northeasterly course. A mud lake covering an area of about 50 acres is situated in sec.12, on E.bdy.of Tp.

SETTLERS & IMPROVEMENTS:- No settlers have permanent residence, the only buildings being two small vacant houses, one in sec.18, and one in sec.27. Several dams have been constructed in the washes in various parts for periodical storage purposes when grazing stock.

A good road extends easterly and westerly thru. the center of the township. The only present value of the land is for grazing purposes.

= DATE - DIAGRAM =

	2-3-17	2-3-17	2-3-17	2-3-17	2-3-17	2-3-17
36	6 2-8-17	5 2-8-17	4 2-9-17	3 2-9-17	2 2-9-17	1 2-7-17
1	7 2-8-17	8 2-8-17	9 2-6-17	10 2-6-17	11 2-5-17	12 2-5-17
12	18 2-8-17	17 2-8-17	16 2-6-17	15 2-6-17	14 2-5-17	13 2-5-17
15	19 2-7-17	20 2-7-17	21 2-6-17	22 2-6-17	23 2-5-17	24 2-5-17
24	30 2-7-17	29 2-7-17	28 2-6-17	27 2-6-17	26 2-5-17	25 2-5-17
25	31 2-7-17	32 2-6-17	33 2-6-17	34 2-5-17	35 2-5-17	36 2-5-17
	2-2-17	2-2-17	2-2-17	2-2-17	2-2-17	2-2-17

2-5-17 Executed by Thomas B. Matthews, U.S. Surveyor, on dates shown.

2-9-17 Executed by Elmer F. Strickler, U.S. Transitman, on dates shown

4-680

FIELD ASSISTANTS. to

Thomas B. Matthews, U.S. Surveyor.

NAMES.	CAPACITY.
Ben Kinsey,	1st chainman,
M.W. Rennie,	2nd chainman,
William Mon,	cornerman & flagman,
W. H. Hyde,	axman & flagman,
Harry Graham,	flagman,

FIELD ASSISTANTS to

Elmer F. Strickler, U.S. Transitman.

S.H. Fowler,	1st chainman,
J. E. Shepard,	2nd chainman & flagman,
Byrd Stewart,	flagman,
Bert Johnson,	cornerman & flagman,
Fred Hayes,	axman,

For CERTIFICATE OF UNITED STATES SURVEYOR.

AND UNITED STATES TRANSITMAN.

See Book "A" of Group 78, Arizona.

I, \_\_\_\_\_, U. S. Surveyor, hereby certify upon honor 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 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

APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

Phoenix, Arizona, May 15, 1920.

The foregoing field notes of <sup>re-</sup>the survey of a portion of the East boundary of \_\_\_\_\_

Fractional TOWNSHIP 19 NORTH, RANGE 12 EAST,

and SURVEY of \_\_\_\_\_

North and South boundaries and \_\_\_\_\_

subdivision lines of TOWNSHIP 19 NORTH, RANGE 13 EAST,

of the Gila and Salt River Base and Meridian, in the State of Arizona,

executed by Thomas B. Matthews, U.S. Surveyor, and Elmer F. Strickler, U.S. Transitman,

under ~~his~~ special instructions dated Dec. 1, 1916, for Group 78, Arizona, ~~for~~ having been critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved.

  
U. S. Surveyor General.

~~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.~~