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Book "F"  
4-679

BOOK 3368

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Completed

# FIELD NOTES

OF THE RESURVEY OF

Part of the East boundary of

FRACL. TOWNSHIP 19 NORTH, RANGE 12 1/2 EAST.

and SURVEY of

Part of the West boundary, and

of the Subdivision Lines of

TOWNSHIP 18 NORTH, RANGE 13 EAST.

Of the Gila and Salt River Base and Meridian,

In the State of Arizona.

EXECUTED BY

John F. Hesse,

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. 79, 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 March 9, 1917.

Resurvey & Survey completed March 29, 1917.

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1A

BOOK 3368

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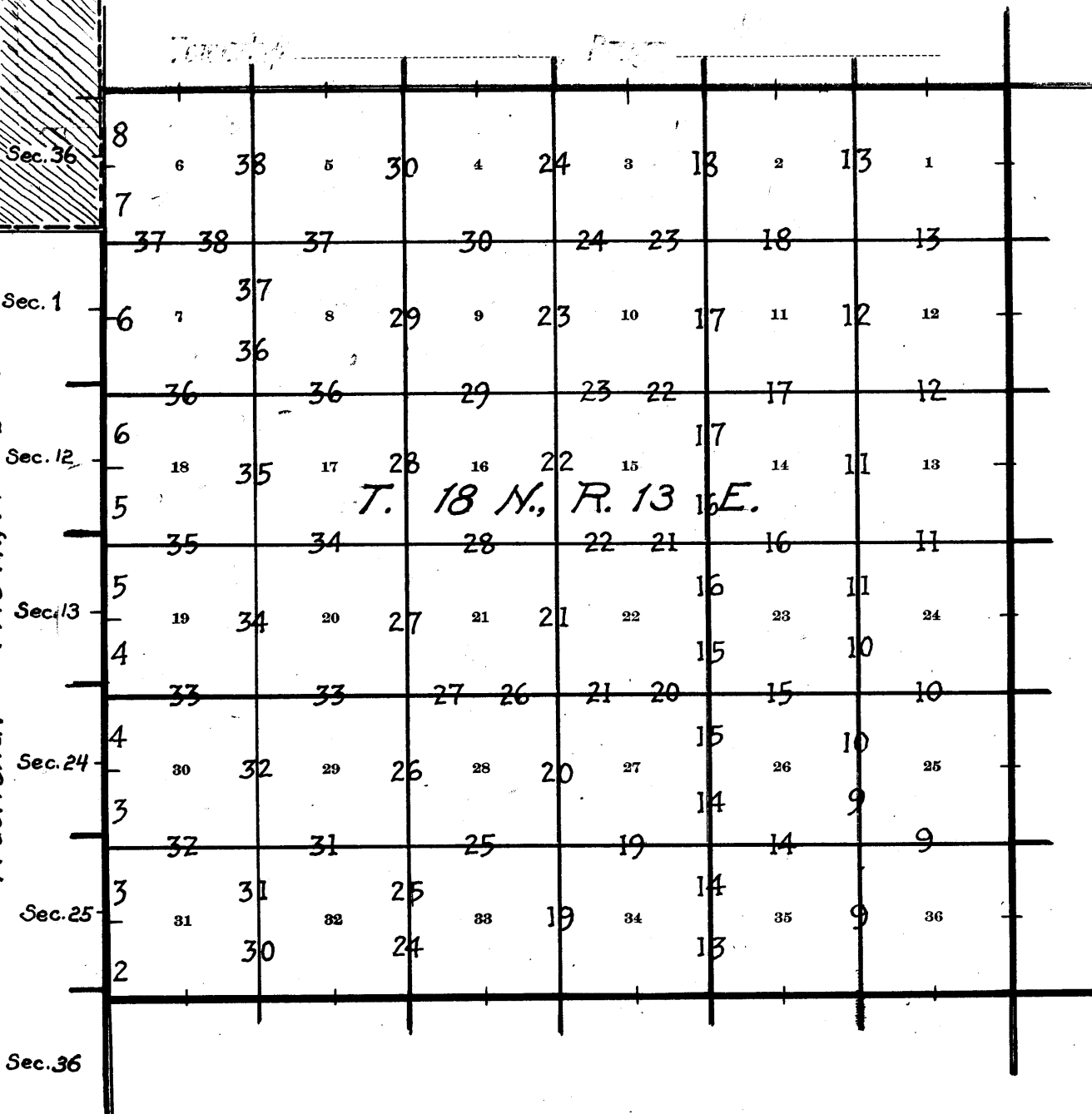
Book "F"





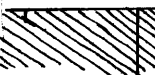
Group 79 - - Arizona.

# INDEX DIAGRAM.

Fractional T. 19 N., R. 12 1/2 E.

Fractional T. 18 N., R. 12 1/2 E.



-  Lines surveyed under this group.
-  Lines retraced or resurveyed under this group.
-  Lines surveyed under Group 78.
-  Lines retraced or resurveyed under Group 78.
-  Areas surveyed as per accepted plats on file.

Chains.

Resurveys and Surveys hereinafter described, executed on dates shown on diagram on page 40 of this book, by John F. Hesse, U.S. Surveyor, using Lietz transit No. 6166, which is described with record of approval by the Assistant Supervisor of Surveys, and of field tests, in Book "A." Additional tests as follows:

March 8, 1917, At the cor. of Ts. 17 and 18 N., Rs. 13 and 14 E.; lat.  $34^{\circ}54\frac{1}{2}'$  N.; long.  $110^{\circ}54\frac{1}{2}'$  W., at 8h. 22m., p.m., l.m.t., Polaris was observed at western elongation in accordance with instructions in the Manual of Surveying and the azimuth of Polaris  $1^{\circ}23'$  turned off to the east.

A point on the meridian thus determined was marked by a tack in a wooden stake, set firmly in the ground, 5 chs. N. of station.

March 9, 1917. At 7h. 30m. a.m., l.m.t.,  $34^{\circ}54\frac{1}{2}'$  N. is set off on the lat. arc;  $4^{\circ}31'$  S. on the decl. arc; and a meridian determined with the solar. The meridian thus determined deviates less than 1' from the meridian determined by observation on Polaris. At 4h. 30m. p.m., l.m.t.,  $34^{\circ}54\frac{1}{2}'$  N. is set off on the lat. arc;  $4^{\circ}22\frac{1}{2}'$  S. on the decl. arc, and a meridian determined with the solar. The meridian thus determined deviates less than 1' from the meridian determined by observations on Polaris. It is therefore concluded that the instrument is in satisfactory adjustment.

While in this camp, whenever practicable, the solar attachment was tested on this meridian.

The magnetic declination at this station is  $14^{\circ}30'$  E.

March 17, 1917. At the cor. of Ts. 17 and 18 N., R. 13 E., at 7h. 47m. p.m., l.m.t., Polaris is observed at western elongation, in accordance with instructions in the Manual of Surveying, and the azimuth of Polaris,  $1^{\circ}23'$  turned off to the E. A point on the meridian thus determined, was marked with a tack in a wooden stake, set firmly in the ground, 5 chs. N. of station.

Mar. 18, 1917. At 8h. 0m. a.m., l.m.t.,  $34^{\circ}54\frac{1}{2}'$  N. is set off on the latitude arc;  $0^{\circ}59'$  S. on the decl. arc; and a meridian determined with the solar. The meridian thus determined deviates less than 1' from the meridian determined by observation on Polaris.

At 4h. 0m., p.m., l.m.t.,  $34^{\circ}54\frac{1}{2}'$  N. is set off on the lat. arc;  $0^{\circ}51'$  S. on the decl. arc, and a meridian determined with the solar. The meridian thus determined deviates less than 1' from the meridian determined by observation on Polaris. It is therefore concluded that the instrument is in satisfactory adjustment.

During the survey of Ts. 18 N., Rs. 12 $\frac{1}{2}$  and 13 E., the adjustments of the solar apparatus were frequently tested on this meridian.

RETRACEMENT FOR RESURVEY OF PART OF EAST BDY. OF FRAC. TP.  
19 N., R. 12 $\frac{1}{2}$  E.

The original cor. of secs. 25, 30, 31 and 36, on E. bdy. of frac. T. 19 N., R. 12 $\frac{1}{2}$  E., was changed, in the execution of current Group No. 78, to refer to secs. 25 and 36 only and 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 a mound of stone, W. of cor., and one bearing tree NW. of cor., properly marked. This cor. is 1.47 chs. S.  $0^{\circ}2'$  W. from reestablished cor. of Ts. 18 and 19 N., R. 13 E., described in notes of current Group No. 78.

Thence, South, on a random line, on E. bdy. of sec. 36 (N.  $\frac{1}{2}$ ) (W. of

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

Chains.

39.94 sec. 6, T.18 N., R.13 E).  
 Fall 4 lks. W. of original 1/4 sec. cor. of secs. 31 and 36, which is a sandstone 16x10x5 ins. above ground, firmly set, marked "1/4" on W. face, and witnessed by 2 bearing trees, one each SE. and SW. of cor., each properly marked.  
 True course and dist. of N. 1/2 of E. bdy. of sec. 36 are therefore N. 0° 3' W., 39.94 chs.

Thence,  
 South, on random line, on E. bdy. of sec. 36 (S. 1/2) W. of sec. 6, T.18 N., R.13 E.)

39.89 Fall 9 lks. W. of original cor. of Ts. 18 and 19 N., R.13 E., and frac. Ts. 18 and 19 N., R.12 1/2 E., which is a cedar tree, 14 ins. in diam., marked "T19N S31" on NE. face, "R13ES6" on SE. face, "T18NS1" on SW. face, "R12 1/2 ES36" on NW. face, and 6 notches on each of N., S., E. and W. faces, and witnessed by four bearing trees, one each N., S., E. and W. faces, and witnessed by four bearing trees, one each NE., SE., SW. and NW. of cor., each properly marked.

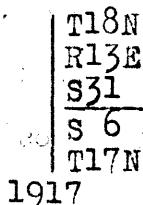
This cor. is 81.30 chs. southerly from reestablished cor. of Ts. 18 and 19 N., R.13 E.  
 True course and dist. of S. 1/2 of E. bdy. of sec. 36 are therefore N. 0° 8' W., 39.89 chs.

SURVEY OF WEST BDY. OF T.18 N., R.13 E., IDENTICAL WITH SURVEY OF COMPLETION OF E. BDY. OF FRAC. T.18 N., R.12 1/2 E.

From original cor. of Ts. 18 and 19 N., R.13 E., and frac. Ts. 18 and 19 N., R.12 1/2 E., hereinbefore described, which is 81.30 chs. southerly from reestablished cor. of Ts. 18 and 19 N., R.13 E.,

402.51 South, on random line, (E. of frac. T.18 N., R.12 1/2 E.)  
 Intersect line bet. Ts. 17 and 18 N., R.13 E. surveyed due west, and at point of intersection establish cor. of said townships, as follows:

Set an iron post, 3 ft. long, 3 ins. in diam., on surface rock, in a mound of stone for cor. of Ts. 17 and 18 N., R.13 E., marked on brass cap,



from which,

A cedar, 6 ins. diam., brs. N. 63° E., 239 lks. dist., marked T18NR13E S31BT.

A cedar, 6 ins. diam., brs. S. 48 1/2° E., 71 lks. dist., marked T17N R13E S6BT.

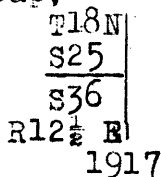
True length of W bdy. of T.18 N., R.13 E., is therefore 402.51 chs. (E. of frac. T.18 N., R.12 1/2 E.) + 81.30 chs. (E. of frac. T.19 N., R.12 1/2 E. = 483.81 chs.

Thence,  
 North, on true line, on W. bdy. of sec. 31 (part of E. bdy. of sec. 36, Frac. T.18 N., R.12 1/2 E.)

Over rolling land, thru. dense timber.

As described in Book "E." the cor. of Ts. 17 and 18 N., R.13 E. is 79.97 chs. N. from cor. of frac. Ts. 17 and 18 N., R.12 1/2 E., therefore establish the cor. of secs. 25 and 36, frac. T.18 N., R.12 1/2 E., at

.03 (80.00 chs. N. from Tp. cor.), Set an iron post, 3 ft. long, 3 ins. in diam., on surface rock, in a mound of stone, for cor. of secs. 25 and 36, frac. T.18 N., R.12 1/2 E., marked on brass cap,



SURVEY OF WEST BDY. OF T.18 N., R.13 E., IDENTICAL WITH SURVEY OF COMPLETION OF E. BDY. OF FRAC. T.18 N., R.12 1/2 E.

Chains from which

A cedar, 6 ins. diam., brs. S.43 1/2°W.,  
328 lks. dist., mkd. T18N R12 1/2E S36 BT.

A cedar, 5 ins. diam., brs. N.47 1/2°W.,  
159 lks. dist., mkd. T18N R12 1/2E S25 BT.

0.40 Road, brs. NE. to Winslow & SW. to Camp Verde via Chaves Pass.

13.50 Draw, 2 chs. wide, course NE.

39.00 Draw, 2 chs. wide, course NE.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for 1/4 sec. cor. of sec. 31, T.18 N., R.13 E., marked on brass cap

S31  
1917

from which

A cedar, 8 ins. diam., brs. N.28 1/4°E.  
132 lks. dist., mkd. 1/4 S31 BT.

A cedar, 6 ins. diam., brs. S.34°E.  
330 lks. dist., mkd. 1/4 S31 BT.

40.03 (40.00 chs. from cor. of secs. 25 and 36) Set an iron post 3 ft. long, 1 in. diam., 26 ins. in the ground, for 1/4 sec. cor. of sec. 25, Frac. T.18 N., R. 12 1/2 E., mkd on brass cap

1/4 S25  
1917

from which

A cedar, 5 ins. diam., bears S.51 3/4°W.  
107 lks. dist., mkd. 1/4 S25 BT.

A cedar, 8 ins. diam., brs. N.49 1/2°W.  
129 lks. dist., mkd. 1/4 S25 BT.

80.00 Set an iron post, 3 ft. long, 3 ins. diam., 24 ins. in the ground, for cor. of secs. 30 and 31, T.18 N., R.13 E., mkd. on brass cap.

T18N  
S30  
S31  
R13E  
1917

from which

A cedar, 5 ins. diam., brs. N. 1/2°E.  
463 lks. dist., mkd. T18N R13E S30 BT.

A cedar, 5 ins. diam., brs. S.10 3/4°E.  
301 lks. dist., mkd. T18N R13E S31 BT.

Land, rolling.  
Soil, loose sandy loam, on sandstone, 2nd rate.  
Timber dense cedar.  
No undergrowth.  
Poor growth of grass.

0.03 North, on W. bdy. of sec. 30 (E. of sec. 25, Frac. T.18N., R.12 1/2E.)  
Over rolling land through dense timber.  
(80.00 chs. from cor. of secs. 25 and 36) Set an iron post 3 ft. long, 3 ins. diam., 24 ins. in the ground, for cor. of secs. 24 and 25, Frac. T.18 N., R.12 1/2 E., mkd. on brass cap

T18N  
S24  
S25  
R12 1/2E  
1917

from which

A cedar, 4 ins. diam., brs. N.7 3/4°W.  
103 lks. dist., mkd. T18N R12 1/2E S24 BT.

A cedar, 12 ins. diam., brs. S.2°W.  
300 lks. dist., mkd. T18N R12 1/2E S25 BT.

Continue measurement of W. bdy. of sec. 30 (E. of sec. 24 Frac. T.18 N., R.12 1/2 E.)

30.00 Draw, 2 chs. wide, course NE.

40.00 set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for 1/4 sec. cor. of sec. 30, T.18 N., R.13 E. mkd. on brass cap

SURVEY OF WEST BDY. OF T.18 N., R.13 E., IDENTICAL WITH SURVEY OF COMPLETION OF E. BDY. OF FRAC. T.18 N., R.12 1/2 E.

4

Chains	<p style="text-align: center;">S30 1917</p> <p>from which</p> <p>A cedar, 7 ins. diam., brs. N.63°E. 122 lks. dist., mkd. 1/4 S30 BT.</p> <p>A cedar, 6 ins. diam., brs. S.80 1/2°E. 677 lks. dist., mkd. 1/4 S30 BT.</p> <p>40.03 (40.00 chs. from cor. of secs. 24 and 25) Set an iron post 3 ft. long, 1 in. diam., 26 ins. in the ground, for 1/4 sec. cor. of sec. 24, Frac. T.18 N., R. 12 1/2 E., mkd. on brass cap</p> <p style="text-align: center;">S24 1917</p> <p>from which</p> <p>A cedar, 7 ins. diam., brs. S.64 1/2°W. 122 lks. dist., mkd. 1/4 S24 BT.</p> <p>A cedar, 7 ins. diam., brs. N.64°W. 149 lks. dist., mkd. 1/4 S24 BT.</p> <p>41.08 Road, brs. NE. to Winslow and SW. to Camp Verde.</p> <p>54.00 Draw, 2 chs. wide, course NE.</p> <p>72.25 Road brs. E. to Winslow and W.</p> <p>75.00 Draw, 2 chs. wide, course NE.</p> <p>80.00 Set an iron post, 3 ft. long, 3 ins. diam., 24 ins. in the ground, for cor. of secs. 19 and 30, T.18 N., R.13 E., mkd. on brass cap</p> <p style="text-align: center;">T18N S19 S30 R13E 1917</p> <p>from which</p> <p>A cedar, 6 ins. diam., brs. N.49°E. 231 lks. dist., mkd. T18N R13E S19 BT.</p> <p>A cedar, 6 ins. diam., brs. S.23°E. 526 lks. dist., mkd. T18N R13E S30 BT.</p> <p>Land, rolling. Soil, loose sandy loam, 1st rate. Timber, dense cedar. No undergrowth. Poor growth of grass.</p> <hr/> <p>North, on W. bdy. of sec. 19 (E. of sec. 24, Frac. T.18 N., R.12 1/2 E).</p> <p>0.03 (80.00 chs. from cor. of secs. 24 and 25) Set an iron post, 3 ft. long, 3 ins. diam., 24 ins. in the ground, for cor. of secs. 13 and 24, Frac. T.18 N., R.12 1/2 E., mkd. on brass cap</p> <p style="text-align: center;">T18N S13 S24 R12 1/2 E 1917</p> <p>from which</p> <p>A cedar, 6 ins. diam., brs. N.56 1/4°W., 260 lks. dist., mkd. T18N R12 1/2 E S13 BT.</p> <p>A cedar, 10 ins. diam., brs. S.72°W., 151 lks. dist., mkd. T18N R12 1/2 E S24 BT.</p> <p>Continue measurement of W. bdy. of sec. 19 (E. of sec. 13, Frac. T. 18 N., R. 12 1/2 E.)</p> <p>16.50 Draw, 2 chs. wide, course NE.</p> <p>40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for 1/4 sec. cor. of sec. 19, T.18 N., R.13 E., mkd. on brass cap</p> <p style="text-align: center;">S19 1917</p> <p>from which</p> <p>A cedar, 8 ins. diam., brs. N.24 1/2°E. 180 lks. dist., mkd. 1/4 S19 BT.</p> <p>A cedar, 6 ins. diam., brs. S.34 3/4°E. 284 lks. dist., mkd. 1/4 S19 BT.</p>
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SURVEY OF WEST BDY. OF T. 18 N., R. 13 E., IDENTICAL WITH SURVEY OF COMPLETION OF E. BDY. OF FRAC. T. 18 N., R. 12 1/2 E.

Chains  
40.03 (40.00 chs. from cor. of secs. 13 and 24) Set an iron post 3 ft. long, 1 in. diam., 26 ins. in the ground, for 1/4 sec. cor. of sec. 13, Frac. T. 18 N., R. 12 1/2 E., mkd. on brass cap

1/4 S13  
1917

from which

- A cedar, 10 ins. diam., brs. S. 30° W.
- 201 lks. dist., mkd. 1/4 S13 BT.
- A cedar, 4 ins. diam., brs. N. 64 1/2° W.
- 207 lks. dist., mkd. 1/4 S13 BT.

69.00 Draw, 5 chs. wide, course SE.

80.00 Set an iron post, 3 ft. long, 3 ins. diam., 24 ins. in the ground, for cor. of secs. 18 and 19, T. 18 N., R. 13 E., mkd. on brass cap

T18N  
S18  
S19  
R13E  
1917

from which

- A cedar, 5 ins. diam., brs. N. 57 1/4° E.
- 73 lks. dist., mkd. T18N R13E S18 BT.
- A cedar, 10 ins. diam., brs. S. 43° E.
- 181 lks. dist., mkd. T18N R13E S19 BT.

Land, rolling.  
Soil, loose sandy loam, 2nd rate.  
Timber, dense cedar.  
No undergrowth.  
Poor growth of grass.

North, on W. bdy. of sec. 18 (E. of sec. 13, Frac. T. 18 N., R. 12 1/2 E.).

Over rolling land, through dense timber.

0.03 (80.00 chs. from cor. of secs. 13 and 24) Set an iron post, 3 ft. long, 3 ins. diam., 24 ins. in the ground, for cor. of secs. 12 and 13, Frac. T. 18 N., R. 12 1/2 E., mkd. on brass cap

T18N  
S12  
S13  
R12 1/2 E  
1917

from which

- A cedar, 6 ins. diam., brs. S. 50° W.
- 147 lks. dist., mkd. T18N R12 1/2 E S13 BT.
- A cedar, 10 ins. diam., brs. N. 69° W.
- 76 lks. dist., mkd. T18N R12 1/2 E S12 BT.

Continue measurement of W. bdy. of sec. 18 (E. of sec. 12, Frac. T. 18 N., R. 12 1/2 E.).

40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for 1/4 sec. cor. of sec. 18, T. 18 N., R. 13 E., mkd. on brass cap

1/4 S18  
1917

from which

- A cedar, 10 ins. diam., brs. N. 15 1/2° E.
- 216 lks. dist., mkd. 1/4 S18 BT.
- A cedar, 6 ins. diam., brs. S. 32 1/2° E.
- 171 lks. dist., mkd. 1/4 S18 BT.

40.03 (40.00 chs. from cor. of secs. 12 and 13) Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for 1/4 sec. cor. of sec. 12, Frac. T. 18 N., R. 12 1/2 E., mkd. on brass cap

1/4 S12  
1917

from which

- A cedar, 10 ins. diam., brs. S. 32° W.
- 114 lks. dist., mkd. 1/4 S12 BT.
- A cedar, 12 ins. diam., brs. N. 75 1/4° W.
- 210 lks. dist., mkd. 1/4 S12 BT.

SURVEY OF WEST BDY. OF T.18 N., R.13 E., IDENTICAL WITH SUR-  
VEY OF COMPLETION OF E. BDY. OF FRAC. T.18 N., R.12½ E.

Chains. 80.00	<p>Set an iron post, 3 ft. long, 3 ins. diam., 4 ins. in the ground, in a mound of stone, for cor. of secs. 7 and 18, T.18 N., R. 13 E., mkd. on brass cap</p> <table style="margin-left: auto; margin-right: auto;"> <tr><td>T18N</td></tr> <tr><td>S 7</td></tr> <tr><td>S18</td></tr> <tr><td>R13E</td></tr> <tr><td>1917</td></tr> </table> <p>from which</p> <ul style="list-style-type: none"> <li>. A cedar, 10 ins. diam., brs. N.52¾°E.</li> <li>151 lks. dist., mkd. T.18N R13E S7 BT.</li> <li>. A cedar, 10 ins. diam., brs. S.85°E.</li> <li>. 188 lks. dist., mkd. T18N R13E S18 BT.</li> </ul> <p>Land, rolling. Soil, loose sandy loam, 2nd rate. Timber, dense cedar. No undergrowth. Poor growth of grass.</p>	T18N	S 7	S18	R13E	1917
T18N						
S 7						
S18						
R13E						
1917						
0.03	<p>North, on W. bdy. of sec. 7 (E. of sec. 12, Frac. T.18N., R.12½E.) Over rolling land, through dense timber.</p> <p>(80.00 chs. from cor. of secs. 12 and 13) Set an iron post, 3 ft. long, 3 ins. diam., 24 ins. in the ground, for cor. of secs. 1 and 12, Frac. T.18 N., R. 12½E., mkd. on brass cap</p> <table style="margin-left: auto; margin-right: auto;"> <tr><td>T18N</td></tr> <tr><td>S 1</td></tr> <tr><td>S12</td></tr> <tr><td>R12½E</td></tr> <tr><td>1917</td></tr> </table> <p>from which</p> <ul style="list-style-type: none"> <li>A cedar, 8 ins. diam., brs. S.26½°W.</li> <li>173 lks. dist., mkd. T18N R12½E S12 BT.</li> <li>A cedar, 6 ins. diam., brs. N.55½°W.</li> <li>150 lks. dist., mkd. T18N R12½E S1 BT.</li> </ul>	T18N	S 1	S12	R12½E	1917
T18N						
S 1						
S12						
R12½E						
1917						
6.00	<p>Continue measurement of W. bdy. of sec. 7 (E. of sec. 1, Frac. T. 18 N., R. 12½ E.) Draw, 150 lks. wide, course NE.</p>					
40.00	<p>Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for ¼ sec. cor. of sec. 7, T.18N., R.13E., mkd. on brass cap</p> <table style="margin-left: auto; margin-right: auto;"> <tr><td>¼S7</td></tr> <tr><td>1917</td></tr> </table> <p>from which</p> <ul style="list-style-type: none"> <li>. A cedar, 14 ins. diam., brs. N.8°E.</li> <li>. 77 lks. dist., mkd. ¼ S7 BT.</li> <li>. A cedar, 12 ins. diam., brs. S.36°E.</li> <li>. 136 lks. dist., mkd. ¼ S7 BT.</li> </ul>	¼S7	1917			
¼S7						
1917						
40.03	<p>(40.00 chs. from cor. of secs. 1 and 12) Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for ¼ sec. cor. of sec. 1, Frac. T.18N., R.12½E., mkd. on brass cap</p> <table style="margin-left: auto; margin-right: auto;"> <tr><td>¼S 1</td></tr> <tr><td>1917</td></tr> </table> <p>from which</p> <ul style="list-style-type: none"> <li>. A cedar, 10 ins. diam., brs. S.45½°W.</li> <li>42 lks. dist., mkd. ¼ S1 BT.</li> <li>. A cedar, 10 ins. diam., brs. N.88¼°W.</li> <li>53 lks. dist., mkd. ¼ S1 BT.</li> </ul>	¼S 1	1917			
¼S 1						
1917						
43.50	<p>Draw, 2 chs. wide, course NE.</p>					
80.00	<p>Set an iron post, 3 ft. long, 3 ins. diam., 24 ins. in the ground, for cor. of secs. 6 and 7, T.18N., R.13E., mkd. on brass cap</p> <table style="margin-left: auto; margin-right: auto;"> <tr><td>T18N</td></tr> <tr><td>S 6</td></tr> <tr><td>S 7</td></tr> <tr><td>R13E</td></tr> <tr><td>1917</td></tr> </table> <p>from which</p> <ul style="list-style-type: none"> <li>A cedar, 12 ins. diam., brs. N.41¼°E.</li> <li>77 lks. dist., mkd. T18N R13E S6 BT.</li> </ul>	T18N	S 6	S 7	R13E	1917
T18N						
S 6						
S 7						
R13E						
1917						

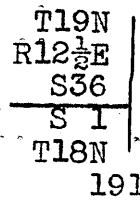


SURVEY OF WEST BDY. OF T. 18 N., R. 13 E., IDENTICAL WITH SURVEY OF COMPLETION OF E. BDY. OF FRAC. T. 18 N., R. 12 1/2 E.

Chains.

A cedar, 10 ins. diam., brs. S. 26 1/2° E.  
58 lks. dist., mkd. T18N R13E S7 BT.  
Land, rolling.  
Soil, loose, sandy loam, 2nd rate.  
Timber, dense cedar.  
No undergrowth.  
Poor growth of grass.

2.51 North, on W. bdy. of sec. 6, (E. of sec. 1, Frac. T. 18 N., R. 12 1/2 E.)  
Over rolling land, through dense timber and scattering undergrowth.  
(82.48 chs. from cor. of secs. 1 and 12, Frac. T. 18 N., R. 12 1/2 E.) Intersect the original cor. of Ts. 18 and 19 N., R. 13 E., and Frac. Ts. 18 and 19 N., R. 12 1/2 E. hereinbefore described. Reestablish this cor. to refer to Frac. Ts. 18 and 19 N., R. 12 1/2 E., only, as follows: Under the tree cor. which leans to the N., set an iron post, 3 ft. long, 3 ins. diam., 24 ins. in the ground, for reestablished cor. of Frac. Ts. 18 and 19 N., R. 12 1/2 E., mkd. on brass cap

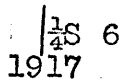


Obliterate marking on E., NE. and SE. faces of tree cor. and on NE. and SE. bearing trees, leaving old NW. and SW. bearing trees as accessory.

Survey of W. bdy. of T. 18 N., R. 13 E., N. of this cor. becomes identical with  
RESURVEY OF PART OF EAST BDY. OF FRAC. T. 19 N., R. 12 1/2 E.

N. 0° 08' W., on true line ( as per result of retracement hereinbefore described) continuing measurement of W. bdy. of sec. 6, T. 18 N., R. 13 E. (E. of S. 1/2 of E. bdy. of sec. 36, Frac. T. 19 N., R. 12 1/2 E.)

40.00 Over rolling land through dense timber and scattering undergrowth.  
Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for 1/4 sec. cor. of sec. 6, T. 18 N., R. 13 E., mkd. on brass cap



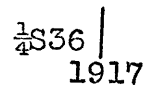
from which

A cedar, 6 ins. diam., brs. N. 71° E.  
41 lks. dist., mark. " 1/4 S6 BT."

A cedar, 6 ins. diam., brs S. 39° E.  
202 lks. dist., mark. " 1/4 S6 BT."

42.40 (39.89 chs. N. 0° 08' W. from reestablished cor. of Frac. Ts. 18 and 19 N., R. 12 1/2 E.) Intersect the original 1/4 sec. cor. of secs. 31 and 36, T. 19 N., R. 13 E., and Frac. T. 19 N., R. 12 1/2 E., hereinbefore described. Reestablish this cor. to refer to sec. 36, Frac. T. 19 N., R. 12 1/2 E., only, as follows:

Obliterate mks. on old stone, remove same, and in place of stone set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for reestablished 1/4 sec. cor. of sec. 36, Frac. T. 19 N., R. 12 1/2 E., mkd. on brass cap



Destroy the marking on old SE. bearing tree, leaving

8.

SURVEY OF WEST BDY. OF T.18 N., R.13 E., IDENTICAL WITH  
RESURVEY OF PART OF EAST BDY. OF FRAC. T.19 N., R.12 $\frac{1}{2}$ E.

Chains.

the old SW. bearing tree which is  
A cedar, 6 ins. diam., bearing S.61°W.  
53 lks. dist., mkd. " $\frac{1}{4}$  S36 BT" as accessory.

Establish a new bearing tree as follows:

On a cedar, 4 ins. diam., N.44 $\frac{1}{4}$ °W., 27 lks. dist.,  
mark " $\frac{1}{4}$  S36 BT."

Thence, N.0°03'W., on true line, continuing measurement  
of W. bdy. of sec. 6, (E. of N. $\frac{1}{2}$  of E. bdy. of sec.  
36, Frac. T. 19 N., R. 12 $\frac{1}{2}$  E.)

82.34 (39.94 chs. N.0°03'W. from  $\frac{1}{4}$  sec. cor. of sec. 36) Intersect  
cor. of secs. 25 and 36, hereinbefore described.

Reestablish this cor. as follows:

Alongside old stone, set an iron post, 3 ft. long, 3 ins.  
diam., 24 ins. in the ground, for reestablished cor.  
of secs. 25 and 36, Frac. T. 19 N., R. 12 $\frac{1}{2}$  E., mkd.  
on brass cap

T19N
S25
S36
R12 $\frac{1}{2}$ E

1917

from which, the original bearing tree

a cedar, 4 ins. diam., brs. N.53 $\frac{1}{2}$ °W.

99 lks. dist., mkd. "T19N R12 $\frac{1}{2}$ E S25 BT."

Establish a new bearing tree as follows:

On a cedar, 4 ins. diam., S.14°W.,

185 lks. dist., mark "T19N R12 $\frac{1}{2}$ E S36 BT."

Thence, N.0°02'E., on true line, as per record from  
current Group No. 78, continuing measurement of W.  
bdy. of sec. 6 (E. of S. $\frac{1}{2}$  of E. bdy. of sec. 25,  
Frac. T. 19 N., R. 12 $\frac{1}{2}$  E.)

83.81 (1.47 chs. N.0°02'E. from cor. of secs. 25 and 36)  
Intersect the cor. of Ts. 18 and 19 N., R. 13 E., re-  
established under current Group No. 78, which is an  
iron post, 3 ins. diam., firmly set, 12 ins. above  
ground, properly mkd. on brass cap, and witnessed by  
a mound of stone E. of cor. No bearing trees.

Land, rolling.

Soil, loose sandy loam, 2nd rate.

Timber, dense cedar.

Undergrowth, scattering scrub cedar.

Subdivision of T. 18 N., R. 13 E.

Chains

From the cor. of secs. 1, 2, 35 and 36, on S. bdy. of Tp., described in Book "E".

N. 0° 7' E. bet. secs. 35 and 36.  
Over rolling land.  
3.70 Road brs. E. and W..  
10.40 Wash, 20 lks. wide, course NE.  
40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for 1/4 sec. cor., mkd. on brass cap

1/4  
S35 | S36  
1917

and raise a mound of stone, 2 ft. base, 1 1/2 ft. high, W. of cor.  
80.00 Set an iron post, 3 ft. long, 2 ins. diam., 15 ins. in the ground, in a mound of stone, for cor. of secs. 25, 26, 35 and 36, mkd. on brass cap

T18N R13E  
S26 | S25  
S35 | S36  
1917

and raise a mound of stone, 2 ft. base, 1 1/2 ft. high, W. of cor.

Land, gently rolling.  
Soil, loose sandy loam, 2nd rate, sandstone formation.  
No timber.  
No undergrowth.  
Abundant grass.

40.00 East on a random line bet. secs. 25 and 36.  
79.94 Set temp. 1/4 sec. cor.  
Intersect E. bdy. of Tp., at the cor. of secs. 25, 30, 31 and 36.; described in Book "C".

Thence  
West on a true line bet. secs. 25 and 36.  
Over gently rolling land.  
6.00 Fissure, 9 lks. wide, 50 ft. deep, course SE.  
9.15 Draw, 100 lks. wide, course NE.  
38.05 Dim road brs. NW. and SE.  
39.97 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for 1/4 sec. cor., mkd. on brass cap

1/4 S 25  
4 S 36  
1917

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

The cor. of secs. 25, 26, 35 and 36.  
Land, rolling.  
Soil, loose sandy loam, sandstone formation, 2nd rate.  
No timber.  
No undergrowth.  
Abundant grass.

N. 0° 7' E. bet. secs. 25 and 26.  
Over rolling land.  
32.00 Draw, 20 lks. wide, course NE.  
40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for 1/4 sec. cor., mkd. on brass cap

10

Subdivision of T. 18 N., R. 13 E.

Chains

S26 | S25  
1917

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

50.40  
80.00

Dim road, brs. NW. and SE.  
Set an iron post, 3 ft. long, 2 ins. diam., 20 ins. in the ground, in a mound of stone, for cor. of secs. 23, 24, 25 and 26, mkd. on brass cap

T18N R13E  
S23 | S24  
S26 | S25  
1917

and raise a mound of stone, 2 ft. base, 1 1/2 ft. high, W. of cor.

Land, gently rolling.  
Soil, loose sandy loam, 1 in. to 12 ins. deep, on sandstone formation, 2nd rate.  
No timber.  
No undergrowth,  
Abundant grass.

40.00  
79.90

East on a random line bet. secs. 24 and 25.  
Set temp. 1/4 sec. cor.  
Intersect E. bdy. of Tp., 3 lks. N. of cor. of secs. 19, 24, 25 and 30, as described in book "C".  
Thence  
N. 89° 59' W. on a true line bet. secs. 24 and 25.

7.00  
39.95

Over gently rolling land,  
Sandstone ledge, 4 ft. high, 100 lks. wide, brs. N. and S.  
Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for 1/4 sec. cor., mkd. on brass cap

S 24  
4S 25  
1917

and raise a mound of stone, 2 ft. base, 1 1/2 ft. high, N. of cor.

53.00  
79.90

Sandstone ledge, 15 ft. high, 4 chs. wide, brs. NW. and SE.  
The cor. of secs. 23, 24, 25 and 26.  
Land, gently rolling.  
Soil, loose sandy loam, 1 to 12 ins. deep on sandstone, 2nd rate.  
No timber.  
No undergrowth.  
Abundant grass.

40.00

N. 0° 7' E. bet. secs. 23 and 24.  
Over gently rolling grassy land.  
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., mkd. on brass cap

S23 | S24  
1917

and raise a mound of stone, 2 ft. base, 1 1/2 ft. high, W. of cor.

Subdivision of T. 18 N., R. 13 E.

Chains  
 42.50 Right bank of draw.  
 44.30 Bottom of draw, 30 ft. deep, course E.  
 46.90 Left bank of draw, 30 ft. above bottom.  
 Thence continue over rolling land.  
 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for cor. of secs. 13, 14, 23 and 24, mkd. on brass cap

T18N R13E  
 S14 | S13  
 S23 | S24  
 1917

dig pits, 18 X 18 X 12 ins., in each sec., 5 1/2 ft. dist.  
 Land, gently rolling.  
 Soil, loose sandy loam, 1 to 12 ins. deep on sandstone and limestone, 3rd rate.  
 No timber.  
 No undergrowth.  
 Abundant grass.

40.00 S. 89° 59' E. on a random line bet. secs. 13 and 24.  
 Set temp. 1/4 sec. cor.  
 79.90 Intersect. E. bdy. of Tp., at the cor. of secs. 13, 18, 19 and 24, described in book "C".  
 Thence  
 N. 89° 59' W. on a true line bet. secs. 13 and 24.  
 Over rolling land.  
 3.00 Draw, 3 chs. wide, course NE.  
 39.95 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for 1/4 sec. cor., mkd. on brass cap

S 13  
 1/4 S 24  
 1917

75.00 dig pits, 18 X 18 X 12 ins., E. and W. of post, 3 ft. dist.  
 79.90 Draw, 3 chs. wide, course SE.  
 The cor. of secs. 13, 14, 23 and 24.  
 Land, rolling.  
 Soil, loose sandy loam, 1 to 12 ins. deep on sandstone formation, 2nd rate.  
 No undergrowth.  
 No timber.  
 Abundant grass.

40.00 N. 0° 7' E. bet. secs. 13 and 14.  
 Over rolling land,  
 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for 1/4 sec. cor., mkd. on brass cap

1/4  
 S14 | S13  
 1917

42.25 dig pits, 18 X 18 X 12 ins., N. and S. of post, 3 ft. dist.  
 45.50 Old road brs. NE. and SW.  
 54.35 Draw, 3 chs. wide, course NE.  
 80.00 Road brs. NE. and SW.  
 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for cor. of secs. 11, 12, 13 and 14, mkd. on brass cap

12

Subdivision of T. 18 N. R. 13 E.

Chains

T18N R13E  
 S11 | S12  
 S14 | S13  
 1917

dig pits, 18 X 18 X 12 ins., in each sec., 5½ ft. dist.  
 Land, rolling.  
 Soil, loose sandy loam, 1 to 12 ins. deep, on sandstone formation, 2nd rate.  
 No timber.  
 No undergrowth.  
 Abundant grass.

40.00  
 79.86

S. 89° 59' E. on a random line bet. secs. 12 and 13.  
 Set temp. ¼ sec. cor.  
 Intersect E. bdy. of Tp., 2 lks. N. of cor. of secs. 7, 12, 13 and 18, described in book "C".

Thence  
 N. 89° 58' W. on a true line bet. secs. 12 and 13.

39.93

Over rolling land.  
 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for ¼ sec. cor., mkd. on brass cap

1/4 S 12  
 1/4 S 13  
 1917

79.86

dig pits, 18 X 18 X 12 ins., E. and W. of post, 3 ft. dist.  
 The cor. of secs. 11, 12, 13 and 14.  
 Land, rolling.  
 Soil, loose sandy loam, 1 to 12 ins. deep on sandstone formation, 2nd rate.  
 No timber.  
 No undergrowth.  
 Abundant grass.

40.00

N. 0° 7' E. bet. secs. 11 and 12.  
 Over rolling land.  
 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for ¼ sec. cor., mkd. on brass cap

1/4  
 S11 | S12  
 1917

46.35  
 80.00

dig pits, 18 X 18 X 12 ins., N. and S. of post, 3 ft. dist.  
 Road brs. NE. and SW.  
 Set an iron post, 3 ft. long, 2 in. diam., 24 ins. in the ground, for cor. of secs. 1, 2, 11 and 12, mkd. on brass cap

T18N R13E  
 S 2 | S 1  
 S11 | S12  
 1917

dig pits, 18 X 18 X 12 ins., in each sec., 5½ ft. dist.  
 Land, rolling.  
 Soil, loose sandy loam, 1 to 12 ins. deep, sandstone formation, 2nd rate.  
 No timber.  
 No undergrowth.  
 Abundant grass.

Subdivision of T. 18 N., R. 13 E.

Chains

40.00 S. 89° 58' E. on a random line bet. secs. 1 and 12.  
 Set temp.  $\frac{1}{4}$  sec. cor.  
 79.84 Intersect E. bdy. of Tp., 4 lks. N. of the cor. of secs.  
 1, 6, 7 and 12, described in book "C".  
 Thence  
 N. 89° 56' W. on a true line bet. secs. 1 and 12.  
 Over rolling land  
 Asc. gradual slope.  
 .55 Low spur slopes SE. Desc. gradual slope to  
 4.05 Wash, 30 lks. wide, course SE. Asc. gradual slope.  
 5.65 Rim of mesa brs. N. and S. Thence over rolling mesa.  
 34.00 Rim of mesa brs. N. and S. Desc. 50 ft. to  
 35.85 Foot of mesa. Thence over rolling land.  
 39.92 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the  
 ground, for  $\frac{1}{4}$  sec. cor., mkd. on brass cap

S 1  
~~48 12~~  
 1917

dig pits, 18 X 18 X 12 ins., E. and W. of post, 3 ft.  
 dist. Asc. gradual slope.  
 50.25 Top of low ridge brs. N. and S. Desc. gradual slope.  
 79.84 The cor. of secs. 1, 2, 11 and 12.  
 Land, rolling.  
 Soil, loose sandy loam, 1 to 12 ins. deep on sandstone  
 formation. Top and slopes of mesa, rocky.  
 No timber.  
 No undergrowth.  
 Abundant grass.

40.00 N. 0° 7' E. on a random line bet. secs. 1 and 2.  
 Set temp.  $\frac{1}{4}$  sec. cor.  
 84.16 Intersect N. bdy. of Tp., 17 lks. E. of the cor. of secs.  
 1, 2, 35 and 36, which is an iron post, 3 ins. diam.,  
 properly set, mkd. and witnessed as described by the  
 U. S. Surveyor General under **current group No. 78.**  
 Thence  
 South on a true line bet. secs. 1 and 2.  
 Over rolling land,  
 44.16 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the  
 ground, for  $\frac{1}{4}$  sec. cor., mkd. on brass cap

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

dig pits, 18 X 18 X 12 ins., N. and S. of post, 3 ft.  
 dist.  
 53.65 Draw, 2 chs. wide, course E.  
 84.16 The cor. of secs. 1, 2, 11 and 12.  
 Land, rolling.  
 Soil, loose sandy loam, 1 to 12 ins. deep on sandstone.  
 No timber.  
 No undergrowth.  
 Abundant grass.

From the cor. of secs. 2, 3, 34 and 35, S. bdy. of Tp.,  
 described in book "E".  
 N. 0° 7' E. bet. secs. 34 and 35.  
 Over rolling land,  
 40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the  
 ground, for  $\frac{1}{4}$  sec. cor., mkd. on brass cap

14

Subdivision of T. 18 N., R. 13 E.

Chains

S34 | S35  
1917

and raise a mound of stone, 2 ft. base, 1½ ft. high,  
W. of cor.  
40.30 Road brs. NW. and SE.  
42.00 Draw, 2 chs. wide, course NE.  
45.00 Enter scattering timber brs. E. and W.  
78.00 Leave timber, 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. 26, 27, 34 and 35, mkd. on  
brass cap

T18N R13E  
S27 | S26  
S34 | S35  
1917

from which,  
A cedar, 10 ins. diam., brs. S. 64½° E.  
356 lks. dist.; mkd. T 18 N R 13 E S 35 B T.  
No other trees within limits.  
Dig pits, 18 X 18 X 12 ins., in each sec., 5½ ft. dist.  
Land, rolling.  
Soil, loose sandy loam, 1 to 12 ins. deep on sandstone,  
2nd rate.  
Timber, scattering cedar as indicated.  
Undergrowth, none.  
Abundant grass.

40.00 East on a random line bet. secs. 26 and 35.  
Set temp. ¼ sec. cor.  
80.04 Intersect N. and S. line at the cor. of secs. 25, 26, 35  
and 36.  
Thence  
West on a true line bet. secs. 26 and 35.  
Over rolling land.  
7.00 Enter scattering cedar timber, brs. N. and S.  
40.02 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the  
ground, for ¼ sec. cor., mkd. on brass cap

S 26  
4S 35  
1917

dig pits, 18 X 18 X 12 ins., E. and W. of post, 3 ft.  
dist.  
53.50 Sandstone ledge, 8 ft. high, 100 lks. wide, brs. N. and S.  
54.00 Leave timber, brs. N. and S.  
65.00 Draw, 2 chs. wide, course NE.  
68.50 Sandstone ledge, 3 ft. high, 1 ch. wide, brs. N. and S.  
80.04 The cor. of secs. 26, 27, 34 and 35.  
Land, rolling.  
Soil, loose, sandy loam, 1 to 12 ins. deep on sandstone,  
2nd rate.  
Timber, scattering cedar as indicated.  
No undergrowth.  
Abundant grass.

N. 0° 7' E. bet. secs. 26 and 27.  
Over rolling land.  
5.00 Draw, 3 chs. wide, course NE.  
40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the  
ground, for ¼ sec. cor., mkd. on brass cap



Subdivision of T. 18 N., R. 13 E.

Chains

S27 | S26  
1918

65.00  
80.00

and raise a mound of stone, 2 ft. base, 1 1/2 ft. high,  
W. of cor.  
Draw, 10 chs. wide, course NE.  
Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the  
ground, for cor. of secs. 22, 23, 26 and 27, mkd. on  
brass cap

T18N R13E  
S22 | S23  
S27 | S26  
1917

and raise a mound of stone, 2 ft. base, 1 1/2 ft. high,  
W. of cor.  
Land, rolling.  
Soil, loose, sandy loam, 1 to 12 ins. deep on sandstone,  
2nd rate. N. 3 chs. limestone formation.  
No timber.  
No undergrowth.  
Abundant grass.

40.00  
80.04

East on a random line bet. secs. 23 and 26.  
Set temp. 1/4 sec. cor.  
Intersect N. and S. line at the cor. of secs. 23, 24, 25  
and 26.

28.00  
40.02

Thence  
West on a true line bet. secs. 23 and 26.  
Over rolling land.  
Draw, 5 chs. wide, course NE.  
Set an iron post, 3 ft. long, 1 in. diam., 3 ins. in the  
ground, in a mound of stone, for 1/4 sec. cor., mkd. on  
brass cap

1/4 S 23  
1/4 S 26  
1917

73.00  
80.04

and raise a mound of stone, 2 ft. base, 1 1/2 ft. high,  
N. of cor.  
Draw, 5 chs. wide, course NE.  
The cor. of secs. 22, 23, 26 and 27.  
Land, rolling.  
Soil, loose, sandy loam, 1 to 12 ins. deep on limestone,  
3rd rate. Scattering limestone rocks on surface.  
No timber.  
Undergrowth, none.  
Abundant grass.

13.35  
40.00

N. 0° 7' E. bet. secs. 22 and 23.  
Over rolling land.  
Wash, 15 lks. wide, course NE.  
Set an iron post, 3 ft. long, 1 in. diam., 6 ins. in the  
ground, in a mound of stone, for 1/4 sec. cor., mkd. on  
brass cap

1/4  
S22 | S23  
1917

16

Subdivision of T. 18 N. R. 13 E.

Chains

and raise a mound of stone, 2 ft. base, 1 1/2 ft. high, W. of cor.

45.00

Enter scattering timber, brs. E. and W.

80.00

Set an iron post, 3 ft. long, 2 ins. diam., 6 ins. in the ground, in a mound of stone, for cor. of secs. 14, 15, 22 and 23, mkd. on brass cap

T18N R13E

S15|S14

S22|S23

1917

from which,

A cedar, 5 ins. diam., brs. N. 38 1/2° E.

206 lks. dist.; mkd. T 18 N R 13 E S 14 B T.

A cedar, 7 ins. diam., brs. S. 47 1/2° E.

172 lks. dist.; mkd. T 18 N R 13 E S 23 B T.

A cedar, 4 ins. diam., brs. S. 33 1/2° W.

244 lks. dist.; mkd. T 18 N R 13 E S 22 B T.

No other trees within limits.

Raise a mound of stone, 2 ft. base, 1 1/2 ft. high, W. of cor.

Land, rolling.

Soil, limestone formation, rocks, 4th rate.

Timber, scattering cedar as indicated.

No undergrowth.

Four growth of grass.

40.00

East on a random line bet. secs. 14 and 23.

80.02

Set temp. 1/4 sec. cor.

Intersect N. and S. line, 3 lks. S. of cor. of secs. 13, 14, 23 and 24.

Thence

S. 89° 59' W. on a true line bet. secs. 14 and 23.

Over rolling land.

40.01

Set an iron post, 3 ft. long, 1 in. diam., 4 ins. in the ground, in a mound of stone, for 1/4 sec. cor., mkd. on brass cap

1/4 S 14

1/4 S 23

1917

and raise a mound of stone, 2 ft. base, 1 1/2 ft. high, N. of cor.

65.00

Enter scattering cedar timber, brs. N. and S.

80.02

The cor. of secs. 14, 15, 22 and 23.

Land, rolling.

Soil, loose sandy loam and limestone rocks, 3rd rate.

Timber, scattering cedar as indicated.

No undergrowth.

Abundant grass.

12.00

N. 0° 7' E. bet. secs. 14 and 15.

13.70

Over rolling land, through very scattering timber.

28.75

Leave timber, brs. E. and W.

40.00

Old road brs. NE. and SW.

Road brs. NE. and SW.

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

1/4 S15|S14

1917

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

Subdivision of T. 18 N., R. 13 E.

Chains

56.00 Draw, .1 ch. wide, course SE.  
 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for cor. of secs. 10, 11, 14 and 15, mkd. on brass cap

T18N R13E  
 S10 | S11  
 S15 | S14  
 1917

dig pits, 18 X 18 X 12 ins., in each sec., 5½ ft. dist.  
 Land, rolling.  
 Soil, loose, sandy loam, 1 to 12 ins. deep on sandstone, 3rd rate. S. 12 chs. is limestone formation.  
 Timber, scattering cedar as indicated.  
 No undergrowth.  
 Abundant grass.

40.00 N. 89° 59' E. on a random line bet. secs. 11 and 14.  
 Set temp. ¼ sec. cor.  
 80.06 Intersect N. and S. line, 2 lks. S. of cor. of secs. 11, 12, 13 and 14.

Thence  
 S. 89° 58' W. on a true line bet. secs. 11 and 14.  
 Over rolling land.

40.03 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for ¼ sec. cor., mkd. on brass cap

S 11  
 4S 14  
 1917

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

80.06 The cor. of secs. 10, 11, 14 and 15.  
 Land, rolling.  
 Soil, loose, sandy loam, 1 to 12 ins. deep on sandstone, 3rd rate.  
 Timber, none.  
 No undergrowth.  
 Abundant, grass.

N. 0° 7' E. bet. secs. 10 and 11.  
 Over rolling land.

20.00 Wash, 10.lks. wide, course NE.  
 40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for ¼ sec. cor., mkd. on brass cap

¼  
 S10 | S11  
 1917

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

59.75 Road brs. NW. and SE.  
 69.60 House brs. N. 85° 52' W.  
 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for cor. of secs. 2, 3, 10 and 11, mkd. on brass cap

T18N R13E  
 S3 | S 2  
 S10 | S11  
 1917

18

Subdivision of T. 18 N. R. 13 E.

Chains

dig pits, 18 X 18 X 12 ins., in each sec., 5½ ft. dist.  
 Land, rolling.  
 Soil, loose sandy loam, 2 to 24 ins. deep, on sandstone,  
 2nd rate.  
 Timber, none.  
 No undergrowth.  
 Abundant grass.

40.00 N. 89° 58' E. on a random line bet. secs. 2 and 11  
 Set temp. ¼ sec. cor.  
 80.08 Intersect N. and S. line, at the cor. of secs. 1, 2,  
 11 and 12.

Thence  
 S. 89° 58' W. on a true line bet. secs. 2 and 11.  
 Over rolling land.  
 40.04 Set an iron post, 3 ft. long, 1 in. diam., 10 ins. in the  
 ground, in a mound of stone, for ¼ sec. cor., mkd. on  
 brass cap

1S 2  
 4S 11  
 1917

and raise a mound of stone, 2 ft. base, 1½ ft. high,  
 N. of cor.  
 51.00 Draw, 5 chs. wide, course NE.  
 80.08 The cor. of secs. 2, 3, 10 and 11.  
 Land, rolling.  
 Soil, loose sandy loam, 2 to 20 ins. deep on sandstone,  
 2nd rate.  
 No timber.  
 No undergrowth.  
 Abundant grass.

40.00 N. 0° 7' E. on a random line bet. secs. 2 and 3.  
 Set temp. ¼ sec. cor.  
 84.19 Intersect N. bdy. of Tp., 13 lks. E. of the cor. of secs.  
 2, 3, 34 and 35, which is an iron post, 3 ins. diam.,  
 properly set, mkd. and witnessed as described by the  
 Surveyor General under current group No. 78.

Thence  
 S. 0° 6' W. on a true line bet. secs. 2 and 3.  
 Over rolling land.  
 34.00 Enter very scattering cedar timber.  
 44.19 Set an iron post, 3 ft. long, 1 in. diam., 3 ins. in the  
 ground, in a mound of stone, for ¼ sec. cor., mkd. on  
 brass cap

1  
 S 3 | S 2  
 1917

from which,  
 A cedar, 6 ins. diam., brs. S. 58° E.  
 330 lks. dist.; mkd. ¼ S 2 B T.  
 A cedar, 7 ins. diam., brs. N. 70° W.  
 270 lks. dist.; mkd. ¼ S 3 B T.  
 79.00 Wash, 50 lks. wide, course NE. Leave timber.  
 84.19 The cor. of secs. 2, 3, 10 and 11.  
 Land, rolling.  
 Soil, stony, loose limestone, 4th rate.  
 Timber, scattering cedar as indicated.  
 No undergrowth.  
 Abundant grass.

Subdivision of T. 18 N., R. 13 E.

Chains

From the cor. of secs. 3, 4, 33 and 34, S. bdy. of Tp.,  
 described in book "E"  
 N. 0° 6' E. bet. secs. 33 and 34.  
 Over rocky mountainous land, through scattering timber. Asc.  
 5.80 Top of bluff 10 ft. high at rim of mountain, brs. NE. and  
 SW.  
 Thence over rolling top of mountain.  
 40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the  
 ground, for  $\frac{1}{4}$  sec. cor., mkd. on brass cap

$\frac{1}{4}$   
 S33 | S34  
 1917

from which,  
 A cedar, 6 ins. diam., brs. N. 53 $\frac{1}{2}$ ° E.  
 128 lks. dist.; mkd.  $\frac{1}{4}$  S 34 B T.  
 A cedar, 5 ins. diam., brs. N. 85° W.  
 113 lks. dist.; mkd.  $\frac{1}{4}$  S 33 B T.  
 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. 27, 28,  
 33 and 34., mkd. on brass cap

T18N R13E  
 S28 | S27  
 S33 | S34  
 1917

from which,  
 A cedar, 10 ins. diam., brs. S. 78° E.  
 362 lks. dist.; mkd. T 18 N R 13 E S 34 B T.  
 No other trees within limits.  
 Raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$  ft. high, W. of cor.  
 Land, mountainous and rolling.  
 Soil, loose malpais rocks, 4th rate.  
 Timber scattering cedar.  
 No undergrowth.  
 Abundant grass..

East on a random line bet. secs. 27 and 34.  
 40.00 Set temp.  $\frac{1}{4}$  sec. cor.  
 80.06 Intersect N. and S. line, 2 lks. N. of cor. of secs. 26,  
 27, 34 and 35.  
 Thence  
 N. 89° 59' W. on a true line bet. secs. 27 and 34.  
 Over rolling land.  
 22.45 Road brs. NW. and SE.  
 31.00 Asc. rough E. slope of West Sunset Mountain, 445 ft. to  
 rim. Enter dense timber, brs. NW. and SE.  
 40.03 Set an iron post, 3 ft. long, 1 in. diam., 10 ins. in the  
 ground, in a mound of stone, for  $\frac{1}{4}$  sec. cor., mkd. on  
 brass cap

$\frac{1}{4}$  S 27  
 $\frac{1}{4}$  S 34  
 1917

from which,  
 A cedar, 8 ins. diam., brs. N. 62° W.  
 37 lks. dist.; mkd.  $\frac{1}{4}$  S 27 B T.  
 A cedar, 12 ins. diam., brs. S. 77° E.  
 39 lks. dist.; mkd.  $\frac{1}{4}$  S 34 B T.  
 65.25 Rim of mountain. Top of bluff, 40 ft. high. Thence over  
 rolling land, on top of mountain.  
 80.06 The cor. of secs. 27, 28, 33 and 34.  
 Land, rolling and mountainous.  
 Soil, E. 31 chs. loose sandy loam, 1 to 20 ins. deep on  
 sandstone; remainder, loose volcanic rocks.

20

Subdivision of T. 18 N., R. 13 E.

Chains

Timber, cedar.  
No undergrowth.  
Abundant grass except on mountain slopes.

29.50 N. 0° 6' E. bet. secs. 27 and 28.  
Over rolling top of mountain through cedar timber. Asc. 30 ft.  
Top rim of mountain. Bluff 30 ft. high. Desc. rough N.  
40.00 slope, 424 ft. to foot of mountain.  
Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the  
ground, for  $\frac{1}{4}$  sec. cor., mkd. on brass cap

$\frac{1}{4}$   
 $\frac{1}{4}$  S 28 | S 27  
 1917

from which,  
A cedar, 8 ins. diam., brs. S. 79° E.  
16 lks. dist.; mkd.  $\frac{1}{4}$  S 27 B T.  
A cedar, 8 ins. diam., brs. N. 70° W.  
61 lks. dist.; mkd.  $\frac{1}{4}$  S 28 B T.

59.85 Foot of mountain. Road brs. E. and W.  
Thence over rolling land.  
80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the  
ground, for cor. of secs. 21, 22, 27 and 28, mkd. on  
brass cap

T18N R13E  
 $\frac{1}{4}$  S 21 | S 22  
 $\frac{1}{4}$  S 28 | S 27  
 1917

from which,  
A cedar, 6 ins. diam., brs. N. 26 $\frac{3}{4}$ ° E.  
128 lks. dist.; mkd. T 18 N R 13 E S 22 B T.  
A cedar, 4 ins. diam., brs. S. 10 $\frac{3}{4}$ ° E.  
131 lks. dist.; mkd. T 18 N R 13 E S 27 B T.  
A cedar, 5 ins. diam., brs. S. 45 $\frac{1}{2}$ ° W.  
167 lks. dist.; mkd. T 18 N R 13 E S 28 B T.  
A cedar, 5 ins. diam., brs. N. 21 $\frac{1}{2}$ ° W.  
122 lks. dist.; mkd. T 18 N R 13 E S 21 B T.

Note: This cor. falls in draw, 1 ch. wide, course E.  
Land, mountainous and rolling.  
Soil, N. 20 chs. loose sandy loam, on sandstone, 2nd rate;  
remainder, malpais rocks.

Timber, cedar.  
No undergrowth.  
Abundant grass except on slope of mountain.

40.00 S. 89° 59' E. on a random line bet. secs. 22 and 27.  
Set temp.  $\frac{1}{4}$  sec. cor.  
80.02 Intersect N. and S. line, 9 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.

26.00 Enter cedar timber, brs. N. and S.  
40.02 Set an iron post, 3 ft. long, 1 in. diam., 10 ins. in the  
ground, in a mound of stone, for  $\frac{1}{4}$  sec. cor., mkd. on  
brass cap

$\frac{1}{4}$  S 22  
 $\frac{1}{4}$  S 27  
 1917

from which,

Subdivision of T. 18 N. R. 13 E.

Chains

A cedar, 6 ins. diam., brs. N. 9° E.  
 148 lks. dist.; mkd. 1/4 S 22 B T.  
 A cedar, 18 ins. diam., brs. S. 46° E.  
 120 lks. dist.; mkd. 1/4 S 27 B T.  
 54.00 Draw, 75 lks. wide, course NE.  
 59.00 Draw, 75 lks. wide, course SE.  
 71.50 Enter draw, course NE. from W.  
 80.02 The cor. of secs: 21, 22, 27 and 28.  
 Land, rolling.  
 Soil, loose sandy loam, 2 to 18 ins. deep on sandstone.  
 Timber, cedar.  
 No undergrowth.  
 Abundant grass.

N. 0° 6' E. bet. secs. 21 and 22.  
 Over rolling land, through scattering timber.  
 19.00 Draw, 1 ch. wide, course SE.  
 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., mkd. on  
 brass cap

1/4  
 S21 | S22  
 1917

from which,  
 A cedar, 10 ins. diam., brs. S. 25° E.  
 202 lks. dist.; mkd. 1/4 S 22 B T.  
 A cedar, 10 ins. diam., brs. S. 25° E.  
 200 lks. dist.; mkd. 1/4 S 21 B T.  
 60.00 Leave timber, brs. E. and W.  
 62.50 Road brs. NE. and SW.  
 68.00 Draw, 5 chs. wide, course NE.  
 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the  
 ground, for cor. of secs. 15, 16, 21 and 22, mkd. on  
 brass cap

T18N R13E  
 S16 | S15  
 S21 | S22  
 1917

dig pits, 18 X 18 X 12 ins., in each sec., 5 1/2 ft. dist.  
 Land, rolling.  
 Soil, loose, sandy loam, 2 to 24 ins. deep on sandstone,  
 3rd rate.  
 Timber, scattering cedar as indicated.  
 No undergrowth.  
 Abundant grass.

S. 89° 55' E. on a random line bet. secs. 15 and 22.  
 40.00 Set temp. 1/4 sec. cor.  
 80.02 Intersect N. and S. line, 2 lks. S. of cor. of secs. 14,  
 15, 22 and 23.  
 Thence  
 N. 89° 56' W. on a true line bet. secs. 15 and 22.  
 Over rolling land, through scattering cedar timber.  
 10.00 Leave timber, brs. N. and S.  
 37.75 Road brs. NE. and SW.  
 40.01 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the  
 ground, for 1/4 sec. cor., mkd. on brass cap

S 15  
 48 | S 22  
 1917

Chains

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

65.00 Draw, 5 chs. wide, course NE.  
80.02 The cor. of secs. 15, 16, 21 and 22.

Land, rolling.  
Soil, loose, sandy loam, 2 to 24 ins. deep on sandstone, 2nd and 3rd rates.  
Timber, scattering cedar as indicated.  
No undergrowth.  
Abundant grass.

N. 0° 6' E. bet. secs. 15 and 16.  
Over rolling land.

17.60 Old road brs. NE. and SW.  
32.00 Draw, 4 chs. 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., mkd. on brass cap

$\frac{1}{4}$   
 S16 | S15  
 1917

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

50.00 Old road brs. N. and SW. Thence along same to  
55.00 Leave road brs. NE. and S.  
65.00 Draw, 1 ch. wide, course NE.  
73.00 Enter scattering cedar timber, 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. 9, 10, 15 and 16, mkd. on brass cap

T18N R13E  
 S 9 | S10  
 S16 | S15  
 1917

from which,

- A cedar, 6 ins. diam., brs. N. 61 $\frac{1}{2}$ ° E.  
321 lks. dist.; mkd. T 18 NR 13 E S 10 B T.
- A cedar, 5 ins. diam., brs. S. 10 $\frac{1}{4}$ ° E.  
44 lks. dist.; mkd. T 18 NR 13 E S 15 B T.
- A cedar, 6 ins. diam., brs. S. 82° W.  
206 lks. dist.; mkd. T 18 NR 13 E S 16 B T.
- A cedar, 8 ins. diam., brs. N. 37 $\frac{3}{4}$ ° W.  
140 lks. dist.; mkd. T 18 NR 13 E S 9 B T.

Land, rolling.  
Soil, loose, sandy loam, 2 to 24 ins. deep on sandstone, 2nd and 3rd rates.  
Timber, scattering cedar as indicated.  
No undergrowth.  
Abundant grass.

40.00 S. 89° 56' E. on a random line bet. secs. 10 and 15.  
80.02 Set temp.  $\frac{1}{4}$  sec. cor.  
Intersect N. and S. line, 7 lks. S. of cor. of secs. 10, 11, 14 and 15.

Thence  
N. 89° 59' W. on a true line bet. secs. 10 and 15.  
Over rolling land, through scattering timber.

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



Chains

S 10  
S 15  
1917

from which,

A cedar, 5 ins. diam., brs. N. 62° W.  
172 lks. dist.; mkd. 1/4 S 10 B T.

A cedar, 5 ins. diam., brs. S. 78° W.  
307 lks. dist.; mkd. 1/4 S 15 B T.

76.30  
78.25  
80.02

Draw, 1 ch. wide, course NE.

Road brs. N. and S.

The cor. of secs. 9, 10, 15 and 16.

Land, rolling.

Soil, loose, sandy loam, 2 to 24 ins. deep on sandstone.

Timber, scattering cedar.

No undergrowth.

Abundant grass.

N. 0° 6' E. bet. secs. 9 and 10.

Over rolling land, through scattering timber.

31.00  
40.00

Draw, 7 chs. wide, course NE.

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

S 9 | S 10  
1917

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

Note: This 1/4 sec. cor. falls in draw, 6 chs. wide, course NE.

74.40  
80.00

Old road brs. E. and W.

Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for cor. of secs. 3, 4, 9 and 10, mkd. on brass cap

T 18 N R 13 E  
S 4 | S 3  
S 9 | S 10  
1917

from which,

A cedar, 10 ins. diam., brs. N. 83 1/2° E.  
110 lks. dist.; mkd. T 18 N R 13 E S 3 B T.

A cedar, 4 ins. diam., brs. S. 23° E. 51 lks.  
51 lks. dist.; mkd. T 18 N R 13 E S 10 B T.

A cedar, 5 ins. diam., brs. S. 56 1/2° W.  
222 lks. dist.; mkd. T 18 N R 13 E S 9 B T.

A cedar, 8 ins. diam., brs. N. 57 1/2° W.  
79 lks. dist.; mkd. T 18 N R 13 E S 4 B T.

Land, rolling.

Soil, loose, sandy loam, 2nd rate.

Timber, scattering cedar.

Undergrowth, scrub cedar.

40.00  
80.04

S. 89° 59' E. on a random line bet. secs. 3 and 10.

Set temp. 1/4 sec. cor.

Intersect N. and S; line at cor. of secs. 2, 3, 10 and 11. Thence

N. 89° 59' W. on a true line bet. secs. 3 and 10.

Over rolling land,

4.00  
25.00

Draw, 4 chs. wide, course N.

Draw, 10 chs. wide, course NE.

24

Subdivision of T. 18 N R. 13 E.

Chains

40.02 Set an iron post, 3 ft. long, 1 in. diam., on surface rock, in a mound of stone, for  $\frac{1}{4}$  sec. cor., mkd. on brass cap

$$\begin{array}{r} \frac{1}{4} S 3 \\ \frac{1}{4} S 10 \\ \hline 1917 \end{array}$$

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

40.25 Empty house brs. S.  $24^{\circ} 3'$  E.  
Enter scattering timber.

42.50 Road brs. NW. and SE.

65.00 Draw, 5 chs. wide, course NE. from NW.

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

Land, rolling.

Soil, loose, sandy loam, 2 to 24 ins. deep, on sandstone, 3rd rate.

Timber, scattering cedar as indicated.

Undergrowth, none.

Abundant grass.

40.00 N.  $0^{\circ} 6'$  E. on a random line bet. secs. 3 and 4.

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

84.18 Intersect N. bdy. of Tp., 6 lks. W. of the cor. of secs. 3, 4, 33 and 34, which is an iron post, 3 ins. diam., properly set, mkd. and witnessed as described by the Surveyor General under ~~current~~ group No. 78.

Thence

S.  $0^{\circ} 8'$  W. on a true line bet. secs. 3 and 4.

Over rolling land.

9.00 Draw, 4 chs. wide, course NE.

19.00 Enter scattering cedar timber, brs. NE. and SW.

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

$$\begin{array}{r} \frac{1}{4} \\ S 4 \mid S 3 \\ \hline 1917 \end{array}$$

from which,

A cedar, 6 ins. diam., brs. S.  $42^{\circ}$  E.  
103 lks. dist.; mkd.  $\frac{1}{4}$  S 3 B T.

A cedar, 6 ins. diam., brs. S.  $51^{\circ}$  W.  
115 lks. dist.; mkd.  $\frac{1}{4}$  S 4 B T.

68.55 Dim road brs. NW. and SE.

80.00 Draw, 2 chs. wide, course SE.

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

Land, rolling.

Soil, loose, sandy loam, 1st rate.

Timber, scattering cedar as indicated.

Undergrowth, scrub cedar.

Abundant grass on N. 20 chs.

From the cor. of secs. 4, 5, 32 and 33, <sup>on</sup> S. bdy. of Tp., described in book "E",

N.  $0^{\circ} 6'$  E. bet. secs. 32 and 33.

Along W. slope of mountain through scattering timber.

2.20 Desc. NW. slope 154 ft. to

7.87 Wash, 20 lks. wide, course W. Asc. 54 ft. to

14.37 Wash, 20 lks. wide, course W. Asc. 54 ft. to

17.75 Spur slopes W. Desc. NW. slope, 211 ft.

31.00 Wash, 20 lks. wide, course W. Asc. 60 ft. to

33.10 Spur slopes W. Desc. 30 ft. to

Subdivision of T. 18 N. R. 13 E.

Chains

39.80 Wash, 15 lks. wide, course NW. Thence over rolling land, through dense timber.

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

S32 | S33  
1917

from which,

A cedar, 10 ins. diam., brs. N. 14° E. 142 lks. dist.; mkd. 1/4 S 33 B T.

A cedar, 5 ins. diam., brs. S. 11° W. 48 lks. dist.; mkd. 1/4 S 32 B T.

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

T18N R13E  
S29 | S28  
S32 | S33  
1917

from which,

A cedar, 10 ins. diam., brs. N. 14° E. 58 lks. dist.; mkd. T 18 N R 13 E S 28 B T.

A cedar, 5 ins. diam., brs. S. 45° E. 109 lks. dist.; mkd. T 18 N R 13 E S 33 B T.

A cedar, 5 ins. diam., brs. S. 62 1/4° W. 41 lks. dist.; mkd. T 18 N R 13 E S 32 B T.

A cedar, 8 ins. diam., brs. N. 78 3/4° W. 235 lks. dist.; mkd. T 18 N R 13 E S 29 B T.

Land, mountainous and rolling.

Soil, S. 1/2 mile, loose malpais rocks, 4th rate, remainder, loose sandy loam, 2nd rate.

Timber, cedar.

Undergrowth, none.

Abundant grass on N. 1/2 mile.

40.00 East on a random line bet. secs. 28 and 33.

79.94 Set temp. 1/4 sec. cor.

Intersect N. and S. line, 1 lk. N. of the cor. of secs. 27, 28, 33 and 34.

Thence

West on a true line bet. secs. 28 and 33.

Over rolling top of mountain through scattering timber.

12.07 Rim of mountain. Top of bluff 40 ft. high. Desc. W. slope, 344 ft. to

30.00 Foot of mountain. Thence over rolling land. Leave timber.

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

S 28  
1/4 S 33  
1917

and raise a mound of stone, 2 ft. base, 1 1/2 ft. high, N. of cor.

70.00 Enter dense timber.

79.94 The cor. of secs. 28, 29, 32 and 33.

Land, mountainous and rolling.

Soil, E. 30 chs. loose malpais rocks, 4th rate, remainder, loose sandy loam, 2nd rate.

Timber, cedar as indicated.

No undergrowth.

Abundant grass except on slopes of mountain.

26

Subdivision of T. 18 N. R. 13 E.

Chains

N. 0° 6' E. bet. secs. 28 and 29.  
 Over rolling land, through dense timber.  
 10.60 Wire fence, brs. E. and W.  
 17.00 Leave timber, brs. NE. and SW. Thence across draw.  
 20.00 Old road brs. NE. and SW.  
 25.15 Road brs. NE. and SW.  
 40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the  
 ground, for  $\frac{1}{4}$  sec. cor., mkd. on brass cap

$$\begin{array}{r} \frac{1}{4} \\ \text{S}29 \text{ | } \text{S}28 \\ \hline 1917 \end{array}$$

from which,

A cedar, 10 ins. diam., brs. S. 51° W.  
 290 lks. dist.; mkd.  $\frac{1}{4}$  S 29 B T.

No other trees within limits.

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

60.25

Old road brs. NE. and SW.

69.62

House brs. S. 19 $\frac{1}{4}$ ° W.

Empty stone house brs. S. 84° 22' E.

75.00

Enter heavy timber.

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, mkd. on  
 brass cap
$$\begin{array}{r} \text{T}18\text{N R}13\text{E} \\ \text{S}20 \text{ | } \text{S}21 \\ \hline \text{S}29 \text{ | } \text{S}28 \\ \hline 1917 \end{array}$$

from which,

A cedar, 6 ins. diam., brs. N. 6° E.  
 78 lks. dist.; mkd. T 18 N R 13 E S 21 B T.

A cedar, 4 ins. diam., brs. S. 44 $\frac{3}{4}$ ° E.  
 96 lks. dist.; mkd. T 18 N R 13 E S 28 B T.

A cedar, 4 ins. diam., brs. S. 33 $\frac{3}{4}$ ° W.  
 170 lks. dist.; mkd. T 18 N R 13 E S 29 B T.

A cedar, 4 ins. diam., brs. N. 64 $\frac{1}{2}$ ° W.  
 37 lks. dist.; mkd. T 18 N R 13 E S 20 B T.

Land, rolling.

Soil, loose, sandy loam, 2nd rate.

Timber, cedar as indicated.

Undergrowth, scrub cedar.

Fair growth of grass.

40.00

East on a random line bet. secs. 21 and 28.

79.88

Set temp.  $\frac{1}{4}$  sec. cor.Intersect N. and S. line, 5 lks. S. of cor. of secs. 21,  
 22, 27 and 28.

Thence

S. 89° 58' W. on a true line bet. secs. 21 and 28.

Over rolling land.

7.70

Wire fence brs. N. and S.

23.90

Fence brs. N. and S.

24.60

Center of earth dam, 12 ft. high, 7 chs. long, brs. N. and  
 7. Stone house (empty) brs. S. 13° 5' W.

Thence across tank.

27.10

W. edge of water in tank.

28.90

Fence brs. N. and S.

31.90

Road brs. NW. and SE.

39.94

Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the  
 ground, for  $\frac{1}{4}$  sec. cor., mkd. on brass cap
$$\begin{array}{r} \text{S} 21 \\ \hline \text{S} 28 \\ \hline 1917 \end{array}$$

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

Chains

44.90  
79.88

Enter cedar timber, brs. N. and S.  
The cor. of secs. 20, 21, 28 and 29.  
Land, rolling.  
Soil, loose, sandy loam, 1 to 24 ins. deep on sandstone,  
2nd and 3rd rates.  
Timber, cedar as indicated.  
No undergrowth.  
Abundant grass.

4.45  
4.55  
8.35  
8.85  
12.30  
14.80  
30.90  
40.00

N. 0° 6' E. bet. secs. 20 and 21.  
Over rolling land, through heavy timber.  
Fence brs. E. and W.  
Road brs. E. and W.  
Road brs. NE. and SW.  
Road brs. NW. and SW.  
Corral fence brs. NE. and SW.  
Corral fence brs. NW. and SE.  
Road brs. NE. and SW. and timber becomes scattering.  
Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the  
ground, for 1/4 sec. cor., mkd. on brass cap

1/4  
S20 | S21  
1917

from which,  
A cedar, 6 ins. diam., brs. N. 31° E.  
213 lks. dist.; mkd. 1/4 S 21 B T.  
A cedar, 7 ins. diam., brs. N. 59° W.  
286 lks. dist.; mkd. 1/4 S 20 B T.

49.30  
58.00  
75.00  
80.00

Road brs. NW. and SE.  
Draw, 20 chs. wide, course NE. Leave timber.  
Enter scattering timber.  
Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the  
ground, for cor. of secs. 16, 17, 20 and 21, mkd. on  
brass cap

T18N R13E  
S17 | S16  
S20 | S21  
1917

from which,  
A cedar, 8 ins. diam., brs. N. 42 1/2° E.  
168 lks. dist.; mkd. T 18 N R 13 E S 16 B T.  
A cedar, 5 ins. diam., brs. S. 8 3/4° E.  
177 lks. dist.; mkd. T 18 N R 13 E S 21 B T.  
A cedar, 5 ins. diam., brs. S. 25 1/4° W.  
812 lks. dist.; mkd. T 18 N R 13 E S 20 B T.  
A cedar, 5 ins. diam., brs. N. 51 1/2° W.  
565 lks. dist.; mkd. T 18 N R 13 E S 17 B T.

Land, rolling.  
Soil, loose, sandy loam, 2nd rate.  
Timber, cedar, as indicated.  
Undergrowth, scrub cedar.  
Fair growth of grass.

40.00  
79.92

N. 89° 58' E. on a random line bet. secs. 16 and 21.  
Set temp. 1/4 sec. cor.  
Intersect N. and S. line, 16 lks. N. of cor. of secs. 15,  
16, 21 and 22.

Chains

Thence  
N. 89° 55' W. on a true line bet. secs. 16 and 21.  
Over rolling land.

14.00  
39.96

Road 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., mkd. on brass cap

$\frac{1}{4}$ S 16  
 $\frac{1}{4}$ S 21  
1917

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

60.00  
79.92

Enter scattering cedar timber.  
The cor. of secs. 16, 17, 20 and 21.  
Land, rolling.  
Soil, loose, sandy loam, 1st rate.  
Timber, scattering cedar as indicated.  
No undergrowth.  
Fair growth of grass.

N. 0° 6' E. bet. secs. 16 and 17.  
Over rolling land, through scattering timber.

9.00  
25.50  
27.75  
40.00

Draw, 150 lks. wide, course NE.  
Draw, 100 lks. wide, course NE.  
Road brs. NW. and SE.  
Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the  
ground, for  $\frac{1}{4}$  sec. cor., mkd. on brass cap

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

from which,  
A cedar, 4 ins. diam., brs. N. 65° E.  
129 lks. dist.; mkd.  $\frac{1}{4}$  S 16 B T.  
A cedar, 7 ins. diam., brs. N. 66° W.  
139 lks. dist.; mkd.  $\frac{1}{4}$  S 17 B T.

48.00  
80.00

Draw, 2 chs. wide, course SE. Timber becomes dense.  
Set an iron post, 3 ft. long, 2 ins. diam., 4 ins. in the  
ground, in a mound of stone, for cor. of secs. 8, 9,  
16 and 17, mkd. on brass cap

T18N R13E  
S 8 | S 9  
S17 | S16  
1917

from which,  
A cedar, 6 ins. diam., brs. N. 64 $\frac{1}{2}$ ° E.  
192 lks. dist.; mkd. T 18 NR 13 E S 9 B T.  
A cedar, 8 ins. diam., brs. S. 58 $\frac{3}{4}$ ° E.  
122 lks. dist.; mkd. T 18 NR 13 E S 16 B T.  
A cedar, 5 ins. diam., brs. S. 17° W.  
60 lks. dist.; mkd. T 18 NR 13 E S 17 B T.  
A cedar, 5 ins. diam., brs. N. 38 $\frac{1}{2}$ ° W.  
304 lks. dist.; mkd. T 18 NR 13 E S 8 B T.

Land, rolling.  
Soil, loose, sandy loam, 1st rate.  
Timber, cedar.  
Undergrowth, scrub cedar and cedar brush.  
Fair growth of grass.

Subdivision of T. 18 N., R. 13 E.

Chains

40.00 S. 89° 55' E. on a random line, bet. secs. 9 and 16.  
 Set temp.  $\frac{1}{4}$  sec. cor.  
 80.06 Intersect N. and S. line, 12 lks. N. of the cor. of secs.  
 9, 10, 15 and 16.  
 Thence  
 N. 89° 50' W. on a true line bet. secs. 9 and 16.  
 Over rolling land, through dense cedar timber.  
 17.00 Draw, 1 ch. wide, course NE.  
 39.25 Draw, 1 ch. wide, course NE.  
 40.03 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the  
 ground, for  $\frac{1}{4}$  sec. cor., mkd. on brass cap

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

80.06 from which,  
 A cedar, 7 ins. diam., brs. N. 2° E.  
 247 lks. dist.; mkd.  $\frac{1}{4}$  S 9 B T.  
 A cedar, 5 ins. diam., brs. S. 15° W.  
 63 lks. dist.; mkd.  $\frac{1}{4}$  S 16 B T.  
 The cor. of secs. 8, 9, 16 and 17.  
 Land, rolling.  
 Soil, loose, sandy loam, 1st rate.  
 Timber, cedar.  
 Undergrowth, scrub cedar.  
 Fair growth of grass.

40.00 N. 0° 6' E. bet. secs. 8 and 9.  
 Over rolling land, through dense timber.  
 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the  
 ground, for  $\frac{1}{4}$  sec. cor., mkd. on brass cap

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

51.00 from which,  
 A cedar, 16 ins. diam., brs. N. 30° W.  
 100 lks. dist.; mkd.  $\frac{1}{4}$  S 8 B T.  
 A cedar, 8 ins. diam., brs. S. 89° W.  
 148 lks. dist.; mkd.  $\frac{1}{4}$  S 8 B T.  
 80.00 Draw, 1 ch. wide, course NE.  
 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the  
 ground, for cor. of secs. 4, 5, 8 and 9, mkd. on  
 brass cap

T18N R13E  
 $\frac{1}{4}$ S 5 |  $\frac{1}{4}$ S 4  
 $\frac{1}{4}$ S 8 |  $\frac{1}{4}$ S 9  
 1917

from which,  
 A cedar, 5 ins. diam., brs. N. 58 $\frac{1}{4}$ ° E.  
 143 lks. dist.; mkd. T 18 NR 13 ES 4 B T.  
 A cedar, 4 ins. diam., brs. S. 25° E.  
 129 lks. dist.; mkd. T 18 NR 13 ES 9 B T.  
 A cedar, 8 ins. diam., brs. S. 45 $\frac{1}{4}$ ° W.  
 177 lks. dist.; mkd. T 18 NR 13 ES 8 B T.  
 A cedar, 5 ins. diam., brs. N. 79 $\frac{1}{2}$ ° W.  
 170 lks. dist.; mkd. T 18 NR 13 ES 5 B T.  
 Land, rolling.  
 Soil, loose, sandy loam, 1st rate.  
 Timber, cedar.  
 Undergrowth, scrub cedar.

30. Subdivision of T. 18 N., R. 13 E.

Chains

40.00 S. 89° 50' E. on a random line bet. secs. 4 and 9.  
 Set temp.  $\frac{1}{4}$  sec. cor.  
 80.00 Intersect N. and S. line, 11 lks. N. of cor. of secs. 3, 4, 9 and 10.  
 Thence  
 N. 89° 45' W. on a true line bet. secs. 4 and 9.  
 Over rolling land, through dense timber.  
 22.40 Dim road brs. NW. and SE.  
 40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for  $\frac{1}{4}$  sec. cor., mkd. on brass cap

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

from which,

A cedar, 10 ins. diam., brs. N. 78° W.  
 279 lks. dist.; mkd.  $\frac{1}{4}$  S 4 B T.  
 A cedar, 5 ins. diam., brs. S. 70° E.  
 71 lks. dist.; mkd.  $\frac{1}{4}$  S 9 B T.  
 80.00 The cor. of secs. 4, 5, 8 and 9.  
 Land, rolling.  
 Soil, loose, sandy loam, 1st rate.  
 Timber, cedar.  
 Undergrowth, scrub cedar.

40.00 N. 0° 6' E. on a random line bet. secs. 4 and 5.  
 Set temp.  $\frac{1}{4}$  sec. cor.  
 83.81 Intersect N. bdy. of Tp., 14 lks. W. of the cor. of secs. 4, 5, 32 and 33, which is an iron post, 3 ins. diam., properly set, mkd. and witnessed as described by the Surveyor General under current group No. 78.  
 Thence  
 S. 0° 12' W. on a true line bet. secs. 4 and 5.  
 Over rolling land,  
 32.80 W. end of dam brs. E. 150 lks. dist.  
 33.00 Draw, 10 chsl wide, course NE.  
 43.81 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for  $\frac{1}{4}$  sec. cor., mkd. on brass cap

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

dig pits, 18 X 18 X 12 ins., N. and S. of post, 3 ft. dist.  
 58.75 Enter cedar timber, brs. E. and W.  
 83.81 The cor. of secs. 4, 5, 8 and 9.  
 Land, rolling.  
 Soil, loose, sandy loam.  
 Timber, cedar.  
 Undergrowth, scrub cedar.  
 Abundant grass on N. 50 chs.

35.50 From the cor. of secs. 5, 6, 31 and 32, S. bdy. of Tp., described in book "E"  
 40.00 N. 0° 5' E. bet. secs. 31 and 32.  
 Over rolling land, through heavy timber.  
 Leave timber, 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., mkd. on brass cap

$\frac{1}{4}$ S 32  
 S 31  
 1917



Chains

from which,  
 A cedar, 5 ins. diam., brs. S.  $57\frac{3}{4}^{\circ}$  E.  
 341 lks. dist.; mkd.  $\frac{1}{4}$  S 32 B T.  
 A cedar, 5 ins. diam., brs. S.  $76^{\circ}$  W.  
 313 lks. dist.; mkd.  $\frac{1}{4}$  S 31 B T.  
 46.00 Wash, 10 lks. wide, course NE.  
 47.25 Wire fence brs. NE. and SW.  
 50.00 Enter dense timber, brs. NE. and SW.  
 58.60 Road brs. NE. and SW.  
 61.50 Draw, 150 lks. wide, course NE. from SE.  
 80.00 Set an iron post, 3 ft. long, 2 in. diam., 24 ins. in the  
 ground, for cor. of secs. 29, 30, 31 and 32, mkd. on  
 brass cap

T18N R13E  
 S30|S29  
 S31|S32  
 1917

from which,  
 A cedar, 5 ins. diam., brs. N.  $46^{\circ}$  E.  
 132 lks. dist.; mkd. T 18 N R 13 E S 29 B T.  
 A cedar, 4 ins. diam., brs. S.  $67^{\circ}$  E.  
 112 lks. dist.; mkd. T 18 N R 13 E S 32 B T.  
 A cedar, 6 ins. diam., brs. S.  $56\frac{1}{4}^{\circ}$  W.  
 87 lks. dist.; mkd. T 18 N R 13 E S 31 B T.  
 A cedar, 6 ins. diam., brs. N.  $54\frac{1}{4}^{\circ}$  W.  
 50 lks. dist.; mkd. T 18 N R 13 E S 30 B T.  
 Land, rolling.  
 Soil, loose, sandy loam, 6 to 24 ins. deep on sandstone,  
 2nd rate.  
 Timber, cedar.  
 No undergrowth.  
 Poor growth of grass.

40.00 East on a random line bet. secs. 29 and 32.  
 Set temp.  $\frac{1}{4}$  sec. cor.  
 80.06 Intersect N. and S. line, 2 lks. N. of cor. of secs. 28,  
 29, 32 and 33.  
 Thence  
 N.  $89^{\circ}$  59' W. on a true line bet. secs. 29 and 32.  
 Over rolling land, through heavy timber.  
 10.00 Leave timber. Enter scattering timber.  
 14.40 Wash, .15 lks. wide, course NE.  
 20.00 Draw, 10 chs. wide, course NE..  
 25.50 Road brs. NE. and SW.  
 40.03 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the  
 ground, for  $\frac{1}{4}$  sec. cor., mkd. on brass cap

$\frac{1}{4}$ S 29  
 $\frac{1}{4}$ S 32  
 1917

from which,  
 A cedar, 7 ins. diam., brs. N.  $72^{\circ}$  W.  
 429 lks. dist.; mkd.  $\frac{1}{4}$  S 29 B T.  
 A cedar, 5 ins. diam., brs. S.  $84^{\circ}$  W.  
 503 lks. dist.; mkd.  $\frac{1}{4}$  S 32 B T.  
 From this cor., dam brs. N. about 15 chs. dist.  
 41.35 Wash, 15 lks. wide, course NE..  
 42.00 Enter heavy timber.  
 57.85 Wire fence brs. NE. and SW..  
 58.00 Road brs. NE. and SW..  
 80.06 The cor. of secs. 29, 30, 31 and 32.  
 Land, rolling.  
 Soil, loose, sandy loam, 1st rate.  
 Undergrowth, none.  
 Poor growth of grass.

32

Subdivision of T. 18 N. R. 13 E.

Chains

40.00 West on a random line bet. secs. 30 and 31.  
 82.86 Set temp.  $\frac{1}{4}$  sec. cor.  
 Intersect W. bdy. of Tp., 5 lks. S. of the cor. of secs.  
 30 and 31, hereinbefore described.  
 Thence.  
 S.  $89^{\circ} 58'$  E. on a true line bet. secs. 30 and 31.  
 Over rolling land, through dense timber.  
 42.86 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the  
 ground, for  $\frac{1}{4}$  sec. cor., mkd. on brass cap

$\frac{1}{4}$  S 30  
 $\frac{1}{4}$  S 31  
 1917

from which,  
 A cedar, 4 ins. diam., brs. N.  $37\frac{1}{2}^{\circ}$  E.  
 265 lks. dist.; mkd.  $\frac{1}{4}$  S 30 B T.  
 A cedar, 6 ins. diam., brs. S.  $78\frac{3}{4}^{\circ}$  W.  
 86 lks. dist.; mkd.  $\frac{1}{4}$  S 31 B T.

49.30 Timber, becomes scattering.  
 75.00 Timber becomes dense.  
 82.86 The cor. of secs. 29, 30, 31 and 32.  
 Land, rolling.  
 Soil, loose, sandy loam, 1st rate.  
 Timber, cedar.  
 No undergrowth.  
 Poor growth of grass.

10.00 N.  $0^{\circ} 5'$  E. bet. secs. 29 and 30.  
 Over rolling land, through dense timber.  
 Timber becomes scattering.  
 40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the  
 ground, for  $\frac{1}{4}$  sec. cor., mkd. on brass cap

$\frac{1}{4}$   
 S30 | S29  
 1917.

from which,  
 A cedar, 6 ins. diam., brs. S.  $30\frac{1}{4}^{\circ}$  E.  
 .97 lks. dist.; mkd.  $\frac{1}{4}$  S 29 B T.  
 A cedar, 7 ins. diam., brs. N.  $37\frac{1}{2}^{\circ}$  W.  
 .377 lks. dist.; mkd.  $\frac{1}{4}$  S 30 B T.

44.00 Note: From this cor., house brs. S.  $72\frac{3}{4}^{\circ}$  E.  
 44.00 Enter heavy timber.  
 62.85 Wash, 15 lks. wide, course NE.  
 64.80 Road brs. NW. and SE. Timber becomes scattering.  
 79.00 Road brs. NE. and SW.  
 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, mkd. on  
 brass cap

T18N R13E  
 S19 | S20  
 S30 | S29  
 1917

from which,  
 A cedar, 8 ins. diam., brs. N.  $43\frac{1}{2}^{\circ}$  E.  
 135 lks. dist.; mkd. T 18 N R 13 E S 20 B T.  
 A cedar, 5 ins. diam., brs. S.  $4^{\circ}$  E.  
 620 lks. dist.; mkd. T 18 N R 13 E S 29 B T.  
 A cedar, 5 ins. diam., brs. S.  $6\frac{1}{4}^{\circ}$  W.  
 650 lks. dist.; mkd. T 18 N R 13 E S 30 B T.  
 A cedar, 5 ins. diam., brs. N.  $39\frac{1}{2}^{\circ}$  W.  
 275 lks. dist.; mkd. T 18 N R 13 E S 19 B T.

Land, rolling.  
 Soil, loose sandy loam, 6 to 24 ins. deep on sandstone,  
 3rd rate.

Subdivision of T. 18 N., R. 13 E.

Chains

Timber, cedar, as indicated.  
Undergrowth, scrub cedar.  
Poor growth of grass.

40.00 S. 89° 59' E. on a random line bet. secs. 20 and 29.  
Set temp. 1/4 sec. cor.  
80.08 Intersect N. and S. line, 3 lks. N. of the cor, of secs.  
20, 21, 28 and 29.  
Thence  
N. 89° 58' W. on a true line bet. secs. 20 and 29.  
Over rolling land, through dense timber.  
4.56 Wire fence brs. NE. and SW.  
7.20 Road brs. NE. and SW.  
10.10 Draw, 4 chs. wide, course NE.  
40.04 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the  
ground, for 1/4 sec. cor., mkd. on brass cap

1/4 S 20  
1/4 S 29  
1917

from which,  
A cedar, 5 ins. diam., brs. N. 2 1/2° E.  
21 lks. dist.; mkd. 1/4 S 20 B T.  
A cedar, 5 ins. diam., brs. S. 78° W.  
192 lks. dist.; mkd. 1/4 S 29 B T.

55.00 Cedar timber becomas scattering.  
77.40 Road brs. NE. and SW.  
80.08 The cor. of secs. 19, 20, 29 and 30.  
Land, rolling.  
Soil, loose, sandy loam, 1st rate.  
Timber, cedar.  
Undergrowth, scrub cedar.  
Fair growth of grass.

40.00 N. 89° 58' W. on a random line bet. secs. 19 and 30.  
Set temp. 1/4 sec. cor.  
82.94 Intersect W. bdy. of Tp., 2 lks. N. of the cor. of secs.  
19 and 30, hereinbefore described.  
Thence  
S. 89° 59' E. on a true line bet. secs. 19 and 30.  
Over rolling land, through dense timber.  
3.00 Draw, 2 chs. wide, course NE.  
12.45 Draw, 2 chs. wide, course NE.  
42.94 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the  
ground, for 1/4 sec. cor., mkd. on brass cap

1/4 S 19  
1/4 S 30  
1917

from which,  
A cedar, 6 ins. diam., brs. N. 1/2° E.  
81 lks. dist.; mkd. 1/4 S 19 B T.  
A cedar, 8 ins. diam., brs. S. 74° E.  
61 lks. dist.; mkd. 1/4 S 30 B T.

64.00 Timber becomes scattering.  
82.94 The cor. of secs. 19, 20, 29 and 30.  
Land, rolling.  
Soil, loose sandy loam, 1st rate.  
Timber, cedar.  
Undergrowth, scrub cedar.  
Poor growth of grass.

34

Subdivision of T. 18 N. R. 13 E.

Chains

N. 0° 5' E. bet. secs. 19 and 20.  
Over rolling land, through scattering timber.

5.00

Timber becomes dense.

30.00

Draw, 3 chs. 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., mkd. on brass cap.

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

from which,

A cedar, 12 ins. diam., brs. S. 23° E.  
260 lks. dist.; mkd.  $\frac{1}{4}$  S 20 B T.

A cedar, 4 ins. diam., brs. S. 85° W.  
887 lks. dist.; mkd.  $\frac{1}{4}$  S 19 B T.

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, mkd. on brass cap

T18N R13E  
S18 | S17  
S19 | S20  
1917

from which,

A cedar, 6 ins. diam., brs. N. 54° E.  
61 lks. dist.; mkd. T 18 N R 13 E S 17 B T.

A cedar, 5 ins. diam., brs. S. 44° E.  
25 lks. dist.; mkd. T 18 N R 13 E S 20 B T.

A cedar, 12 ins. diam., brs. S. 39 $\frac{1}{2}$ ° W.  
34 lks. dist.; mkd. T 18 N R 13 E S 19 B T.

A cedar, 6 ins. diam., brs. N. 55 $\frac{1}{2}$ ° W.  
61 lks. dist.; mkd. T 18 N R 13 E S 18 B T.

Land, rolling.

Soil, loose sandy loam, 1st rate.

Timber, cedar.

Undergrowth, scrub cedar.

40.00

S. 89° 58' E. on a random line bet. secs. 17 and 20.  
Set temp.  $\frac{1}{4}$  sec. cor.

80.08

Intersect N. and S. line, 2 lks. N. of the cor. of secs. 16, 17, 20 and 21.

Thence

N. 89° 57' W. on a true line bet. secs. 17 and 20.

Over rolling land, through dense timber.

4.00

Draw, 1 ch. wide, course NE.

34.00

Draw, 1 ch. wide, course SE.

40.04

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

$\frac{1}{4}$ S 17  
 $\frac{1}{4}$ S 20  
1917

from which,

A cedar, 8 ins. diam., brs. N. 57° E.  
107 lks. dist.; mkd.  $\frac{1}{4}$  S 17 B T.

A cedar, 4 ins. diam., brs. S. 26° W.  
79 lks. dist.; mkd.  $\frac{1}{4}$  S 20 B T.

44.50

Draw, 1 ch. wide, course NE.

80.08

The cor. of secs. 17, 18, 19 and 20.

Land, rolling.

Soil, loose sandy loam, 1st rate.

Timber, cedar.

Undergrowth, scrub cedar.

Subdivision of T. 18 N., R. 13 E.

Chains

40.00 N. 89° 59' W. on a random line bet. secs. 18 and 19.  
 Set temp. 1/4 sec. cor.  
 82.96 Intersect W. bdy. of Tp., at the cor. of secs. 18 and 19,  
 hereinbefore described.  
 Thence  
 S. 89° 59' E. on a true line bet. secs. 18 and 19.  
 Over rolling land, through dense timber.  
 42.96 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the  
 ground, for 1/4 sec. cor., mkd. on brass cap

1 S 18  
 1 S 19  
 1917

from which,  
 A cedar, 7 ins. diam., brs. N. 4 1/2° W.  
 72 lks. dist.; mkd. 1/4 S 18 B T.  
 A cedar, 6 ins. diam., brs. S. 79° W.  
 37 lks. dist.; mkd. 1/4 S 19 B T.

62.00 Draw, 1 ch. wide, course NE.  
 82.96 The cor. of secs. 17, 18, 19 and 20.  
 Land, rolling.  
 Soil, loose sandy loam, 1st rate.  
 Timber, cedar.  
 Undergrowth, scrub cedar.

8.35 N. 0° 5' E. bet. secs. 17 and 18.  
 Over rolling land, through dense cedar timber.  
 Wash, 10 lks. wide, course NW.  
 40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the  
 ground, for 1/4 sec. cor., mkd. on brass cap

1/4  
 S 18 | S 17  
 1917

from which,  
 A cedar, 8 ins. diam., brs. S. 6° E.  
 435 lks. dist.; mkd. 1/4 S 17 B T.  
 A cedar, 6 ins. diam., brs. N. 39° W.  
 317 lks. dist.; mkd. 1/4 S 18 B T.

44.00 Draw, 150 lks. wide, course NE.  
 78.90 Wash, 20 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. 7, 8, 17 and 18, mkd. on  
 brass cap.

T 18 N R 13 E  
 S 7 | S 8  
 S 18 | S 17  
 1917

from which,  
 A cedar, 12 ins. diam., brs. N. 68 1/4° E.  
 432 lks. dist.; mkd. T 18 N R 13 E S 8 B T.  
 A cedar, 8 ins. diam., brs. S. 14 1/2° E.  
 158 lks. dist.; mkd. T 18 N R 13 E S 17 B T.  
 A cedar, 10 ins. diam., brs. S. 50° W.  
 100 lks. dist.; mkd. T 18 N R 13 E S 18 B T.  
 A cedar, 12 ins. diam., brs. N. 14° W.  
 167 lks. dist.; mkd. T 18 N R 13 E S 7 B T.

Land, rolling.  
 Soil, loose, sandy loam, 1st rate.  
 Timber, cedar.  
 Undergrowth, scrub cedar.  
 Fair growth of grass.

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Subdivision of T. 18 N. R. 13 E.

Chains

40.00 S. 89° 57' E. on a random line bet. secs. 8 and 17.  
 Set temp.  $\frac{1}{4}$  sec. cor.  
 80.06 Intersect N. and S. line, 3 lks. S. of cor. of secs. 8,  
 9, 16 and 17.  
 Thence  
 N. 89° 58' W. on a true line bet. secs. 8 and 17.  
 Over rolling land, through dense timber.  
 40.03 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the  
 ground, for  $\frac{1}{4}$  sec. cor., mkd. on brass cap

$\frac{1}{4}$ S 8  
 $\frac{1}{4}$ S 17  
 1917

from which,  
 A cedar, 8 ins. diam., brs. N. 27° W.  
 121 lks. dist.; mkd.  $\frac{1}{4}$  S 8 B T.  
 A cedar, 6 ins. diam., brs. S. 2° E.  
 193 lks. dist.; mkd.  $\frac{1}{4}$  S 17 B T.  
 56.00 Draw, 2 chs. wide, course NE.  
 80.06 The cor. of secs. 7, 8, 17 and 18.  
 Land, rolling.  
 Soil, loose sandy loam, 1st rate.  
 Timber, cedar.  
 Undergrowth, scrub cedar.

40.00 N. 89° 59' W. on a random line bet. secs. 7 and 18.  
 Set temp.  $\frac{1}{4}$  sec. cor.  
 83.16 Intersect W. bdy. of Tp., 1 lk. S. of cor. of secs. 7,  
 and 18, hereinbefore described.  
 Thence  
 S. 89° 59' E. on a true line bet. secs. 7 and 18.  
 Over rolling land, through dense timber.  
 11.20 Draw, 1 chl wide, course NE.  
 31.65 Draw, 2 chs. wide, course NE.  
 43.16 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the  
 ground, for  $\frac{1}{4}$  sec. cor., mkd. on brass cap

$\frac{1}{4}$ S 7  
 $\frac{1}{4}$ S 18  
 1917

from which,  
 A cedar, 7 ins. diam., brs. N. 51° W.  
 46 lks. dist.; mkd.  $\frac{1}{4}$  S 7 B T.  
 A cedar, 5 ins. diam., brs. S. 40° E.  
 28 lks. dist.; mkd.  $\frac{1}{4}$  S 18 B T.  
 83.16 The cor. of secs. 7, 8, 17 and 18.  
 Land, rolling.  
 Soil, loose, sandy loam, 1st rate.  
 Timber, cedar.  
 Undergrowth, scattering cedar brush.

40.00 N. 0° 5' E. bet. secs. 7 and 8.  
 Over rolling land, through dense timber.  
 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the  
 ground, for  $\frac{1}{4}$  sec. cor., mkd. on brass cap

$\frac{1}{4}$ S 7  
 $\frac{1}{4}$ S 8  
 1917

from which,  
 A cedar, 6 ins. diam., brs. S. 82° E.  
 52 lks. dist.; mkd.  $\frac{1}{4}$  S 8 B T.

Subdivision of T. 18 N., R. 13 E.

Chains	<p>A cedar, 5 ins. diam., brs. S. 34° W. 149 lks. dist.; mkd. <math>\frac{1}{4}</math> S 7 B T.</p> <p>45.00 Draw, 2 chs. wide, course NE. 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. 5, 6, 7 and 8, mkd. on brass cap</p> <p style="text-align: center;">T18N R13E S.6 S.5 S.7 S.8 1917</p> <p>from which, A cedar, 14 ins. diam., brs. N. 27<math>\frac{3}{4}</math>° E. 156 lks. dist.; mkd. T 18 N R 13 E S 5 B T. A cedar, 7 ins. diam., brs. S. 25<math>\frac{1}{4}</math>° E. 64 lks. dist.; mkd. T 18 N R 13 E S 8 B T. A cedar, 4 ins. diam., brs. S. 73<math>\frac{1}{2}</math>° W. 103 lks. dist.; mkd. T 18 N R 13 E S 7 B T. A cedar, 4 ins. diam., brs. N. 65<math>\frac{3}{4}</math>° W. 49 lks. dist.; mkd. T 18 N R 13 E S 6 B T.</p> <p>Land, rolling. Soil, loose sandy loam, 1st rate. Timber, cedar. Undergrowth, scrub cedar.</p>
40.00 80.04 10.00 15.00 32.40 40.02	<p>S. 89° 58' E. on a random line bet. secs. 5 and 8. Set temp. <math>\frac{1}{4}</math> sec. cor. Intersect N. and S. line, 9 lks. S. of the cor. of secs. 4, 5, 8 and 9. Thence S. 89° 58' W. on a true line bet. secs. 5 and 8. Over rolling land, through dense timber. Leave timber, brs. NE. and SW. Draw, 5 chs. wide, course NE. Wash, 20 lks. wide, course NE. Enter dense timber brs. NE. and SW. Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for <math>\frac{1}{4}</math> sec. cor., mkd. on brass cap</p> <p style="text-align: center;">S. 5 S. 8 1917</p> <p>from which, A cedar, 10 ins. diam., brs. N. 68° W. 162 lks. dist.; mkd. <math>\frac{1}{4}</math> S 5 B T. A cedar, 5 ins. diam., brs. S. 78° E. 10 lks. dist.; mkd. <math>\frac{1}{4}</math> S 8 B T.</p> <p>52.00 Draw, 1 ch. wide, course SE. 80.04 The cor. of secs. 5, 6, 7 and 8. Land, rolling. Soil, loose, sandy loam, 1st rate. Timber, cedar. Undergrowth, cedar brush.</p>
40.00 83.30 43.30	<p>N. 89° 59' W. on a random line bet. secs. 6 and 7. Set temp. <math>\frac{1}{4}</math> sec. cor. Intersect W. bdy. of Tp., 2 lks. S. of the cor. of secs. 6, and 7, hereinbefore described. Thence S. 89° 58' E. on a true line bet. secs. 6 and 7. Over rolling land, through dense timber. Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for <math>\frac{1}{4}</math> sec. cor., mkd. on brass cap</p>

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Subdivision of T. 18 N., R. 13 E.

Chains

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

from which,

A cedar, 5 ins. diam., brs. N. 10° E.

146 lks. dist.; mkd.  $\frac{1}{4}$  S 6 B T.

A cedar, 8 ins. diam., brs. S. 6° W.

216 lks. dist.; mkd.  $\frac{1}{4}$  S 7 B T.

68.00  
83.30

Draw, 10 chs. wide, course NE.  
The cor. of secs. 5, 6, 7 and 8,  
Land, rolling.  
Soil, loose sandy loam, 1st rate.  
Timber, cedar.  
Undergrowth, scrub cedar.

40.00  
83.87

N. 0° 12' E. on a random line bet. secs. 5 and 6.  
Set temp.  $\frac{1}{4}$  sec. cor.  
Intersect N. bdy. of Tp., 10 lks. W. of the cor. of secs.  
5, 6, 31 and 32, which is an iron post, 3 ins. diam.,  
properly set, mkd. and witnessed as described by the  
Surveyor General under ~~Current~~ group No. 78.

Thence

S. 0° 16' W. on a true line bet. secs. 5 and 6.  
Over rolling land.

32.00  
37.00  
43.87

Enter scattering timber, brs. NE. and SW.  
Timber becomes dense.  
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., mkd. on  
brass cap

$\frac{1}{4}$   
 $S 6 \uparrow S 5$   
 1917

from which,

A cedar, 6 ins. diam., brs. N. 85 $\frac{1}{2}$ ° E.

168 lks. dist.; mkd.  $\frac{1}{4}$  S 5 B T.

A cedar, 6 ins. diam., brs. S. 15° W.

123 lks. dist.; mkd.  $\frac{1}{4}$  S 6 B T.

74.00  
83.87

Draw, 1 ch. wide, course NE.  
The cor. of secs. 5, 6, 7 and 8.  
Land, rolling.  
Soil, loose sandy loam, 1st rate.  
Timber, cedar as indicated.  
Undergrowth, scrub cedar.  
Abundant grass on N. 35 chs.



Latitudes, Departures and Closing Errors.							
Line designated	True course	Dist.	Latitudes		Departures		
			N.	S.	E.	W.	
			chs.	chs.	chs.	chs.	
South Boundary	West	482.84				482.84	
West Boundary	North	402.51	402.51				
	N. 0° 8'W.	39.89	39.89				.09
	N. 0° 3'W.	39.94	39.94				.04
	N. 0° 2'E.	1.47	1.47				
North Boundary	East	483.82			483.82		
East Boundary	S. 0° 8'W.	484.25		484.25			1.13
Convergency						.51	
Totals			483.81	484.25	484.33	484.10	
				483.81	484.10		
Error in latitude				.44			
Error in departure.					.23		

GENERAL DESCRIPTION

This township is rolling except for portions of secs. 27, 28, 32, 33 and 34, which are covered by the N. end of West Sunset Mountain.

The soil is a loose, very sandy, loam, generally about 12 ins. deep, lying on sandstone. West Sunset Mountain is volcanic and the soil is mixed with malpais rocks.

The eastern half of the township is open and covered with a good growth of grass.

Cedar timber covers the western half of the township and the mountains.

There is no water in the township except that furnished by storage in tanks.

There are settlers in secs. 10, 28, and 29, but the places are vacant at this time, and the names of the owners are not available at this time.

Book "F"

Group 79 - - - Arizona.

Township 18 North, Range 13 East.

DATE DIAGRAM.

Frac. H.  
19 N.  
R. 12 E.

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

Resurveys and surveys executed on dates shown on above diagram, by John F. Hesse, U.S. Surveyor.



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orig book "F"

MAY 15 1920

42  
BOOK 3368

CERTIFICATE OF UNITED STATES SURVEYOR.

I, John F. Hesse, U. S. Surveyor, hereby certify upon honor that, in pursuance of special instructions received from the U. S. Surveyor General, for Group 79, Arizona,

bearing date of the 1st day of December, 1916, 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 <sup>re-</sup> surveyed all those parts or portions of the

East boundary of FRACL. TOWNSHIP 19 NORTH, RANGE 12 1/2 EAST,

and surveyed all those parts or portions of the

West boundary and Subdivision lines of

TOWNSHIP 18 NORTH, RANGE 13 EAST,

of the Gila and Salt River

Base and Meridian, in the State of Arizona,

which are represented in the foregoing field notes <sup>and by diagram on page 40 hereof</sup> as having been executed by me, and under my direction; and that all the corners of

~~said survey~~ <sup>said resurvey and survey</sup> have been established and perpetuated in strict accordance with the Manual of Surveying Instruc-

tions, and the special written instructions of the U. S. Surveyor General, for Group 79, Arizona,

and in the specific manner described in the field notes, and that the foregoing are the original field notes of such <sup>re-</sup> survey and survey.

Las Vegas, Nevada  
May 14, 1920.

John F. Hesse  
U. S. Surveyor.

APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

Phoenix, Arizona, June 16, 1920.

The foregoing field notes of the <sup>re-</sup> survey of part of the East boundary of

FRACL. TOWNSHIP 19 NORTH, RANGE 12 1/2 EAST,

and SURVEY of

the West boundary, and

the Subdivision lines of

TOWNSHIP 18 NORTH, RANGE 13 EAST,

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

executed by John F. Hesse, U. S. Surveyor,

under ~~his~~ special instructions dated Dec. 1, 1916, for Group 79, Arizona, having been critically examined, and the necessary corrections and explanations made, the said field notes, and the <sup>resurveys &</sup> surveys they describe, are hereby approved.

Frank D. Smith  
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.~~