

3009

Book "F"

4-679

BOOK 3009

FIELD NOTES

OF THE SURVEY OF THE

NORTH BOUNDARY

AND

SUBDIVISION LINES,

AND

THE RESURVEY OF

THE EAST BOUNDARY,

OF

TOWNSHIP 13 SOUTH, RANGE 22 EAST,

Of the Gila and Salt River Base and Meridian,

In the State of Arizona,

EXECUTED BY

Ralph Gentry and Hargraves Wood,

In the capacity of U. S. Surveyor^s, under instructions dated October 7, 1915, issued by the United States Surveyor General to govern surveys included in Group No. 63, which were approved by the Commissioner of the General Land Office, October 28, 1915.

Survey commenced April 5, 1916.

Survey completed April 25, 1916.

Revised Feb. 1, 1916.

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Book "F"

Group 63, - - Arizona.

BOOK 3009

INDEX DIAGRAM.

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_____ Surveyed under this group--notes in this book.(3009)

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_____ Resurveyed under this group--notes in Book "E".(3008)

_____ Resurveyed under this group--notes in Book "I".(3012)

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_____ Accepted surveys.

Chains

Work executed by U. S. Surveyors Ralph Gentry and Hargraves Wood, on dates shown on diagram on page of this book, using Buff & Buff solar transits Nos. 8028 and 9223 respectively. The horizontal limbs of both instruments are equipped with two double verniers placed opposite to each other, reading to single minutes of arc, which is also the least count of the verniers of the lat. and decl. arcs.

The transits were approved by the Assistant Supervisor of Surveys, District No. 5, subject to satisfactory field tests, on Feb. 1st, 1916. Record of field tests appears in Books A, B, D, and E., and additional tests are recorded herein.

Test of Transit No. 8228, by Ralph Gentry.

Apr. 4, 1916.

At camp, near the center of sec. 22, T. 13 S., R. 22 E., in lat. 32°17' N., long. 110°05½' W., I examine the adjustments and find them satisfactory.

At 4h 30m, p.m., l.m.t., I set off 32°17' on the lat. arc, 5°53' N. on the decl. arc, and determine a meridian with the solar, marking a point in the same by driving a tack in a wooden stake firmly set in the ground 5 chs. N. of my station.

At 6h 34m, p.m., l.m.t., I observe Polaris at western elongation, in accordance with instructions in the Manual, and mark a point in the line thus determined by a tack driven in a wooden stake W. of the one set by the solar.

Apr. 5, 1916.

I turn off the azimuth of Polaris 1°21' to the E., and note a prominent point in the meridian thus established on the mountains to the north.

At 7h 30m, a.m., l.m.t., I set off 32°17' on the lat. arc, 6°07½' N. on the decl. arc, and determine a meridian with the solar.

The results of the a.m and p.m. solars agree within less than one minute of arc with the true meridian established by the Polaris observation, from which it is concluded that the adjustments are satisfactory.

The tests of solar apparatus above described were duplicated by Hargraves Wood with transit No. 9223, at the same station, the adjustments being found satisfactory.

The magnetic declination is 13°30' W.

Resurvey of E. Bdy. of T. 13 S., R. 22 E.

Retracement.

Beginning at the cor. of Ts. 13 S., Rs. 22 and 23 E., described in Book E;

NORTH, on a random line, bet. Rs. 22 and 23 E., setting temp. cors. at intervals of 40.00 chs., and making diligent search for the old cors.

482.16

Fall 43 lks. E. of the cor. of Ts. 12 and 13 S., Rs. 22 and 23 E., which is a 3 in. iron post, firmly set, marked and witnessed as described by the Surveyor General.

The true bearing for this line is therefore N.0°03' W., and the proportionate distance for the reestablishment of the section cors. pertaining to R. 23 E., 80.36 chs.

Chains

I return to the cor. of Ts. 13 S., Rs. 22 and 23 E., and resurvey range line, setting cors. at intervals of 40.00 chs. for the area W. of same; and reestablishing the cors. pertaining to the area E. of line at proportionate distances, as follows:

14.80 N.0°03'W., on E. bdy. of sec. 36.
40.00 over rough mountainous land, through scattering timber and undergrowth. Desc. 105 ft., Ft. of descent, bears NE. and SW. Asc. on SE. slope. Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the ground and 14 ins. in a mound of stone, for 1/4 sec. cor. of sec. 36, marked on brass cap

1/4 S36

1916

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

(Proportional distance)
Set an iron post, 3 ft. long, 1 in. diam., 6 ins. in the ground, and 20 ins. in a mound of stone, for reestablished 1/4 sec. cor. of sec. 31, marked on brass cap

1/4 S31

1916

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

Ridge, bears NE. and SW., 560 ft. above ft. of slope at 14.80 ch. pt. Desc. 335 ft., on steep slope.

76.25 Bottom of canyon, course N.75°W. Asc.

80.00 Set an iron post, 3 ft. long, 3 ins. diam., 24 ins. in the ground, for reestablished cor. of secs. 25 and 36, marked on brass cap

T13S

R22E | R23E

S25

S36

1916

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

Land, rough mountainous.
Soil, dark clay and loose rock, 4th rate; with outcropping granite ledges.
Timber, cedar.
Undergrowth, sage.

.36 N.0°03'W., on E. bdy. of sec. 25,
over rough mountainous land, through scattering undergrowth and timber. Asc.
(80.36 chs. from Tp. cor.,)
Set an iron post, 3 ft. long, 3 ins. diam., 24 ins. in the ground, for reestablished cor. of secs. 30 and 31, marked on brass cap

T13S

R23E

S30

S31

1916

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

Top of ridge, bears N.35°W. and S.35°E., 250 ft. above sec. cor., on W. side of peak. Desc. 300 ft., on NE. slope.

Resurvey of E. Bdy. of T. 13 S., R. 22 E. 3

Chains	
24.57 40.00	<p>Ft. of descent. Asc. on SE. slope. Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the ground and 14 ins. in a mound of stone, for reestablished $\frac{1}{4}$ sec. cor. of sec. 25, marked on brass cap</p>
	<p style="text-align: center;"> $\frac{1}{4}$S25 1916 </p>
40.54	<p>and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor. (Proportional distance,) Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for reestablished $\frac{1}{4}$ sec. cor. of sec. 30, marked on brass cap</p>
	<p style="text-align: center;"> $\frac{1}{4}$S30 1916 </p>
46.00	<p>and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, E. of cor. Top of spur, slopes E., 160 ft. above ft. of slope at 24.57 ch. pt. Desc. 310 ft., on steep slope.</p>
63.40	<p>Bottom of canyon, course E. Heads at low divide, 10 chs. W. Asc. 370 ft., on SE. slope.</p>
76.67	<p>Top of spur, slopes E. Desc. on NE. slope.</p>
80.00	<p>Set an iron post, 3 ft. long, 3 ins. diam., in a mound of stone on bed rock, for reestablished cor. of secs. 24 and 25, marked on brass cap</p>
	<p style="text-align: center;"> T13S R22E R23E S24 ——— S25 </p>
	<p style="text-align: center;">1916 and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor.</p>
	<p>Land, rough mountainous; E. drainage. Soil, dark clay and loose rock; 4th rate, with granite outcropping. Timber, cedar. Undergrowth, sage.</p>
.72	<p>N.0°03'W., on E. bdy. of sec. 24, over mountainous land, through scattering timber and undergrowth. Desc. on NE. slope. (Proportionate distance, 80.36 chs. N. of the reestablished cor. of secs. 30 and 31,) Set an iron post, 3 ft. long, 3 ins. diam., in a mound of stone on bed rock, for reestablished cor. of secs. 19 and 30, marked on brass cap</p>
	<p style="text-align: center;"> T13S R22E R23E S19 ——— S30 </p>
	<p style="text-align: center;">1916 and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, E. of cor.</p>
20.07	<p>Bottom of ravine, course E., 400 ft. below cor. of secs. 24 and 25. Ravine heads about 10 chs. W. Asc.</p>
40.00	<p>Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the ground, and 14 ins. in a mound of stone, for reestablished $\frac{1}{4}$ sec. cor. of sec. 24, marked on brass cap</p>
	<p style="text-align: center;"> $\frac{1}{4}$S24 1916 </p>

4

Resurvey of E. Bdy. of T. 13 S., R. 22 E.

Chains	<p>and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.</p> <p>40.90 (Proportional distance) Set an iron post, 3 ft. long, 1 in. diam., 6 ins. in the ground to bed rock and 20 ins. in a mound of stone, for reestablished ¼ sec. cor. of sec. 19, marked on brass cap</p> <div style="text-align: center;"> <table style="border-collapse: collapse; margin: auto;"> <tr><td style="border-right: 1px solid black; padding: 0 5px;">¼S19</td></tr> <tr><td style="border-right: 1px solid black; padding: 0 5px;">1916</td></tr> </table> </div> <p>and raise a mound of stone, 2 ft. base, 1½ ft. high, E. of cor.</p> <p>43.00 Top of spur, slopes E., 140 ft. above ravine. Desc. 195 ft.</p> <p>79.85 Bottom of ravine, course SE. Small seep of clear water. Asc. on S. slope.</p> <p>80.00 Set an iron post, 3 ft. long, 3 ins. diam., 24 ins. in the ground, for reestablished cor. of secs. 13 and 24, marked on brass cap</p> <div style="text-align: center;"> <table style="border-collapse: collapse; margin: auto;"> <tr><td style="border-right: 1px solid black; padding: 0 5px;">T13S</td></tr> <tr><td style="border-right: 1px solid black; padding: 0 5px;">R22E</td></tr> <tr><td style="border-right: 1px solid black; padding: 0 5px;">S13</td></tr> <tr><td style="border-right: 1px solid black; padding: 0 5px;">S24</td></tr> <tr><td style="border-right: 1px solid black; padding: 0 5px;">R23E</td></tr> <tr><td style="border-right: 1px solid black; padding: 0 5px;">S18</td></tr> <tr><td style="border-right: 1px solid black; padding: 0 5px;">S19</td></tr> </table> </div> <p style="text-align: center;">1916</p> <p>and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.</p> <p>Land, rough mountainous; general drainage E. Soil, dark clay and loose rock; 4th rate, with numerous granite ledges. Timber, cedar. Undergrowth, greasewood, oak brush and sage.</p> <hr/> <p>N.0°03'W., on E. bdy. of sec. 13, over mountainous land, through scattering timber and undergrowth. Asc.</p> <p>1.08 (Proportional distance, 80.36 chs. N. of the reestablished cor. of secs. 19 and 30,) Set an iron post, 3 ft. long, 3 ins. diam., in a mound of stone, on solid rock, for reestablished cor. of secs. 18 and 19, marked on brass cap</p> <div style="text-align: center;"> <table style="border-collapse: collapse; margin: auto;"> <tr><td style="border-right: 1px solid black; padding: 0 5px;">T13S</td></tr> <tr><td style="border-right: 1px solid black; padding: 0 5px;">R22E</td></tr> <tr><td style="border-right: 1px solid black; padding: 0 5px;">S18</td></tr> <tr><td style="border-right: 1px solid black; padding: 0 5px;">S19</td></tr> </table> </div> <p style="text-align: center;">1916</p> <p>and raise a mound of stone, 2 ft. base, 1½ ft. high, E. of cor.</p> <p>10.80 Spur, slopes E., 100 ft. above cor. of secs. 13 and 24. Desc. 50 ft., on NE. slope.</p> <p>26.55 Bottom of ravine, course SE. Asc. 125 ft.</p> <p>32.30 Spur, slopes E. Desc. on NE. slope.</p> <p>40.00 Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the ground, and 14 ins. in a mound of stone, for reestablished ¼ sec. cor. of sec. 13, marked on brass cap</p> <div style="text-align: center;"> <table style="border-collapse: collapse; margin: auto;"> <tr><td style="border-right: 1px solid black; padding: 0 5px;">¼S13</td></tr> <tr><td style="border-right: 1px solid black; padding: 0 5px;">1916</td></tr> </table> </div> <p>and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.</p> <p>41.26 (Proportional distance) Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for reestablished ¼ sec. cor. of sec. 18, marked on brass cap</p>	¼S19	1916	T13S	R22E	S13	S24	R23E	S18	S19	T13S	R22E	S18	S19	¼S13	1916
¼S19																
1916																
T13S																
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R22E																
S18																
S19																
¼S13																
1916																

Resurvey of E. Bdy. of T. 13 S., R. 22 E. 5

Chains

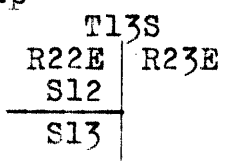
1/4 S18

1916

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

77.30
80.00

Road, bears NW. and SE.
On N. slope, 160 ft. below spur,
Set an iron post, 3 ft. long, 3 ins. diam., 24 ins. in the ground, for reestablished cor. of secs. 12 and 13, marked on brass cap



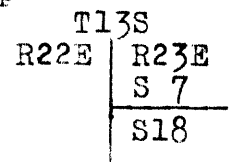
1916

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

Land, rough mountainous; general drainage NE.
Soil, dark clay and loose rock; 4th rate; with outcropping granite ledges.
Timber, cedar.
Undergrowth, greasewood, oak brush and sage.

1.44

N. 0° 03' W., on E. bdy. of sec. 12, over mountainous land, through scattering timber and undergrowth. Desc.
(Proportional distance, 80.36 chs. N. of the reestablished cor. of secs. 18 and 19,)
Set an iron post, 3 ft. long, 3 ins. diam., 24 ins. in the ground, for reestablished cor. of secs. 7 and 18, marked on brass cap



1916

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

5.00

Bottom of canyon, course NE., 30 ft. below cor. of secs. 12 and 13. Stream of clear water, 2 lks. wide, 1 in. deep, in bottom. Asc. gradually.

5.83
32.98
40.00

Wire fence, bears NE. and W.
Wire fence, bears E. and W.
Set an iron post, 3 ft. long, 1 in. diam., 24 ins. in the ground, for reestablished 1/4 sec. cor., of sec. 12, marked on brass cap

1/4 S12

1916

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

41.62

(Proportional distance)
Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for reestablished 1/4 sec. cor. of sec. 7, marked on brass cap

1/4 S7

1916

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

62.90

Asc. abruptly on SE. slope of mountain.
Rocky point of mountain, slopes E., 730 ft. above 1/4 sec. cor. Desc. 300 ft. on abrupt NE. slope.

Chains											
70.30	Ft. of descent. Thence along rough E. slope of mountain.										
80.00	Set an iron post, 3 ft. long, 3 ins. diam., 12 ins. in the ground and 14 ins. in a mound of stone, for reestablished cor. of secs. 1 and 12, marked on brass cap										
	<table border="1"> <tr><td colspan="2">T13S</td></tr> <tr><td>R22E</td><td>R23E</td></tr> <tr><td>S 1</td><td></td></tr> <tr><td colspan="2">-----</td></tr> <tr><td colspan="2">S12</td></tr> </table>	T13S		R22E	R23E	S 1		-----		S12	
T13S											
R22E	R23E										
S 1											

S12											
	1916										
	and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.										
	Land, rough mountainous; general drainage E. Soil, dark clay and loose rock; 4th rate. Timber, cedar and scrub oak. Undergrowth, greasewood, and oak brush.										
1.80	N.0°03'W., on E. bdy. of sec. 1, over rough mountainous land, through scattering timber and undergrowth, along rough E. slope of mountain. (Proportional distance, 80.36 chs. N. of the reestablished cor. of secs. 7 and 18,) Set an iron post, 3 ft. long, 3 ins. diam., 6 ins. in the ground and 18 ins. in a mound of stone, for reestablished cor. of secs. 6 and 7, marked on brass cap										
	<table border="1"> <tr><td colspan="2">T13S</td></tr> <tr><td>R22E</td><td>R23E</td></tr> <tr><td></td><td>S 6</td></tr> <tr><td></td><td>-----</td></tr> <tr><td></td><td>S 7</td></tr> </table>	T13S		R22E	R23E		S 6		-----		S 7
T13S											
R22E	R23E										
	S 6										

	S 7										
	1916										
	and raise a mound of stone, 2 ft. base, 1½ ft. high, E. of cor.										
14.66	Desc. 150 ft. Ft. of descent, at head of ravine, draining E. Asc. 40 ft., on SE. slope.										
23.70	Top of spur, slopes N.75°E. Desc. on NW. slope, through medium growth of pinyon and cedar.										
40.00	Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for reestablished ¼ sec. cor. of sec. 1, marked on brass cap										
	¼S1										
	1916										
	and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.										
41.98	(Proportional distance) Set an iron post, 3 ft. long, 1 in. diam., in a mound of stone on bed rock, for reestablished ¼ sec. cor. of sec. 6, marked on brass cap										
	¼S6										
	1916										
	and raise a mound of stone, 2 ft. base, 1½ ft. high, E. of cor.										
43.42	Bottom of ravine, course E., 250 ft. below spur. Asc. 180 ft., on S. slope.										
56.07	Spur, slopes N.75°E. Desc. 330 ft., over NW. slope.										
82.16	The cor. of Ts. 12 and 13 S., Rs. 22 and 23 E., hereinbefore described.										
	Land, rough mountainous; general drainage E. Soil, dark clay and loose rock, 4th rate. Timber, cedar and pinyon. Undergrowth, oak brush and greasewood.										

Chains											
477.40	<p>I begin at cor. of Ts. 12 and 13 S., Rs. 21 and 22 E., which is a volcanic stone, 12x10x10 ins. above ground, firmly set, marked and witnessed as described by the Surveyor General.</p> <p>Thence EAST, on a random line, setting temp. cors. at intervals of 40.00 chs.</p> <p>Fall 305 lks. S. of the cor. of Ts. 12 and 13 S., Rs. 22 and 23 E., hereinbefore described. As this falling is greater than the allowable limit of error, I survey the the Tp. line W. from the cor. of Ts. 12 and 13 S., Rs. 22 and 23 E., as follows:</p> <p>WEST, on a true line, bet. secs. 1 and 36, over rolling land, through dense undergrowth and scattering timber. Desc. 85 ft.</p>										
7.40	Wash, 60 lks. wide, 4 ft. deep, course NE.										
26.40	Asc. steep slope, over rough mountainous land.										
40.00	Set an iron post, 3 ft. long, 1 in. diam., 6 ins. in the ground and 20 ins. in a mound of stone, for $\frac{1}{4}$ sec. cor., marked on brass cap										
	$\frac{1}{4} \frac{S36}{S1}$ <p>1916</p>										
	and raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, N. of cor.										
41.00	Top of spur, slopes SE.; 300ft. above ft. of slope. Desc. 80 ft., on SW. slope.										
52.40	Bottom of canyon, course S. Asc. on steep slope.										
62.40	Thence over slide rock.										
80.00	Set an iron post, 3 ft. long, 3 ins. diam., in a mound of stone on bed rock, for cor. of secs. 1, 2, 35 and 36, marked on brass cap										
	<table border="1"> <tr><td>T12S</td><td>R22E</td></tr> <tr><td>S35</td><td>S36</td></tr> <tr><td>S2</td><td>S1</td></tr> <tr><td>T13S</td><td></td></tr> <tr><td>1916</td><td></td></tr> </table>	T12S	R22E	S35	S36	S2	S1	T13S		1916	
T12S	R22E										
S35	S36										
S2	S1										
T13S											
1916											
	and raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor.										
	Cor. is 590 ft. above bottom of canyon.										
	<p>Land, roughly rolling and mountainous. Soil, rocky; 4th rate. Timber, cedar and oak. Undergrowth, oak brush and manzanita.</p>										
	<p>WEST, bet. secs. 2 and 35, over mountainous land, through scattering timber and dense undergrowth. Asc. 490 ft., on NE. slope.</p>										
10.40	Top of spur, slopes SE., 1080 ft. above bottom of canyon. Desc. 215 ft., on SW. slope.										
22.40	Ravine, course S. Asc. on steep slope, 420 ft., over slide rock and cliffs.										
37.40	Top of main ridge, bears N. and S. begin steep descent.										
40.00	Set an iron post, 3 ft. long, 1 in. diam., 6 ins. in the ground and 20 ins. in a mound of stone, for $\frac{1}{4}$ sec. cor., marked on brass cap										
	$\frac{1}{4} \frac{S35}{S2}$ <p>1916</p>										
	and raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, N. of cor.										
57.40	Ravine, course N.80°W., 100 ft. below ridge. Thence along side of spur sloping W.										
60.00	Leave dense pinyon and juniper. Thence through scrub oak, manzanita and scattering juniper. Desc. over cliffs and slide rock.										
70.30	Desc. over cliff 45 ft. high.										
76.90	Wash, 40 lks. wide, course S.; 400ft. below 60.00 ch. pt.										
80.00	Set an iron post, 3 ft. long, 3 ins. diam., 12 ins. in the ground and 12 ins. in a mound of stone, for cor. of secs.										

Chains

2, 3, 34 and 35, marked on brass cap

T12S	R22E
S34	S35
S3	S2
T13S	
1916	

from which

An oak, 5 ins. diam., bears N.52°E., 12 lks. dist., marked T12S R22E S35 BT.

A juniper, 6 ins. diam., bears N.40°W., 37 lks. dist., marked T12S R22E S34 BT. No other bearing trees available.

Raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.

Land, mountainous.

Soil, rocky; 4th rate.

Timber, cedar, pinyon, juniper and oak.

Undergrowth, manzanita, oak brush, juniper and pinyon.

WEST, bet. secs. 3 and 34,
over mountainous land, through dense timber and undergrowth. Asc. 230 ft.

- 11.40 Summit of ascent. Desc. 50 ft. on W. slope.
- 17.40 Ravine, course S. Asc. 130 ft., over slide rock and cliffs.
- 37.80 Top of cliff, on ridge bearing N. and S. Desc. steep slope.
- 40.00 Set an iron post, 3 ft. long, 1 in. diam., in a mound of stone, for ¼ sec. cor., marked on brass cap

¼	S34
	S3
	1916

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

- 44.40 Ravine, course S.; 370 ft. below ridge. Asc. 60 ft.
- 47.40 Top of spur, slopes S. Desc. 145 ft., on steep slope.
- 58.60 Rocky ravine, course SW. Asc. on steep slope broken by cliffs, through scattering timber and undergrowth.
- 75.50 Summit of ascent, on ledge of rock projecting S. Desc. 30 ft. over cliffs.
- 80.00 Set an iron post, 3 ft. long, 3 ins. diam., 6 ins. in the ground, and 18 ins. in a mound of stone, for cor. of secs. 3, 4, 33 and 34, marked on brass cap

T12S	R22E
S33	S34
S4	S3
T13S	
1916	

and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.

Land, mountainous, much broken by cliffs.

Soil, slide rock, huge boulders and cliffs; 4th rate.

Timber, cedar, oak and juniper.

Undergrowth, oak brush and manzanita.

WEST, bet. secs. 4 and 33,
over rough mountainous land, through timber and underbrush. Desc. 300 ft., on steep NW. slope.

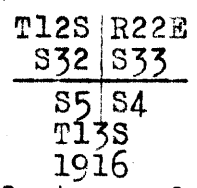
- 16.40 Rocky ravine, course SW. Asc. 160 ft., on steep slope.
- 31.40 Top of cliff, bears N. and S. Desc. abruptly.
- 40.00 Set an iron post, 3 ft. long, 1 in. diam., in a mound of stone for ¼ sec. cor., marked on brass cap

¼	S33
	S4
	1916

Chains

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

47.20 Ravine, course SW., 290 ft. below cliff. Asc. 125 ft.
64.40 Top of spur, projecting SW. from mountain. Desc. 150 ft.
77.50 Wash, 30 lks. wide, course S. Asc.
80.00 Set an iron post, 3 ft. long, 3 ins. diam., in a mound of
stone on bed rock, for cor. of secs. 4, 5, 32 and 33,
marked on brass cap

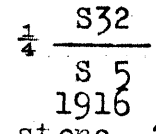


and raise a mound of stone, 2 ft. base, 1½ ft. high,
W. of cor.

Land, rough mountainous.
Soil, rocky; 4th rate.
Timber, cedar, oak and juniper.
Undergrowth, oak brush and manzanita.

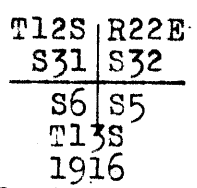
WEST, bet. secs. 5 and 32,
over mountainous land, through timber and underbrush.
Asc. 90 ft.

4.40 Top of ridge, bears NE. and SW. Desc. 50 ft.
9.40 Head of gulch, course SW. Asc. 50 ft.
20.00 Summit of ascent. Desc. 115 ft.
24.40 Head of broad gulch, course SW. Asc. 100 ft.
34.40 Top of ridge, bears NE. and SW. Desc.
40.00 Set an iron post, 3 ft. long, 1 in. diam., 6 ins. in the
ground and 20 ins. in a mound of stone, for ¼ sec. cor.,
marked on brass cap



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

74.40 Wash, 30 lks. wide, course S., 170 ft. below ridge. Asc.
30 ft.
79.30 Fence, bears N. and S.
80.00 Set an iron post, 3 ft. long, 3 ins. diam., in a mound of
stone, on bed rock, for cor. of secs. 5, 6, 31 and 32,
marked on brass cap



and raise a mound of stone, 2 ft. base, 1½ ft. high,
W. of cor.

Land, mountainous, with high rolling ridges.
Soil, coarse gravel and rocks; 4th rate.
Timber, cedar, juniper and oak.
Undergrowth, cedar and sage.

WEST, bet. secs. 6 and 31,
over hilly land, through scattering undergrowth.

16.00 Wash, 20 lks. wide, 3 ft. deep, course SW. Asc. 75 ft.
24.40 Top of ridge, bears NE. and SW.
39.00 House bears N., 5 chs. dist.
39.60 Fence bears N. and S.
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

Chains

$$\frac{1}{4} \frac{S31}{S6}$$

1916

and raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor.
 59.20 Wash, 40 lks. wide, 4 ft. deep, course S.60°W. Asc.
 77.40 Intersect E. bdy. of T. 12 S., R. 21 E., 305 lks. N. of the cor. of T. 12 and 13 S., R. 21 and 22 E., hereinbefore described. I change this cor. to cor. of two Tps. only, by effacing marks on stone relating to the area E. of range line.
 At point of intersection set an iron post, 3 ft. long, 3 ins. diam., in a mound of stone, for closing cor. of T. 12 and 13 S., R. 22 E., marked on brass cap

T12S	T12S	
	R22E	
	S31	
S36	S6	C C
	T13S	

1916

and raise a mound of stone, 2 ft. base, 1½ ft. high, E. of cor.

Land, rolling ridges and hills.
 Soil, rocky and gravelly; 3rd and 4th rate.
 No timber.
 Undergrowth, sage and amole.

Subdivision of T. 13 S., R. 22 E.

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

N.0°04'W., (parallel to E. bdy. of Tp.,) bet. secs. 35 and 36, over mountainous land, through scattering timber and underbrush. Desc. 185 ft., on NW. slope.

23.30 Bottom of canyon, course W. Asc.
 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

$$\frac{1}{4}$$

S35	S36
-----	-----

1916

and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.
 52.50 Head of ravine, course SW.
 66.15 Ridge, bears E. and W.; 330 ft. above bottom of canyon at 23.30 ch. pt. Desc. 170 ft., on NW. slope.
 80.00 Set an iron post, 3 ft. long, 2 ins. diam., in a mound of stone on solid rock, for cor. of secs. 25, 26, 35 and 36, marked on brass cap

T13S	R22E
S26	S25
S35	S36

1916

and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.

Land, rough mountainous; general drainage W.
 Soil, dark clay loam and loose rock; 4th rate; many ledges.
 Timber, cedar. Undergrowth, greasewood and sage.

3009

Subdivision of T. 13 S., R. 22 E.

11

Chains

- S.89°59'E., on a random line, bet. secs. 25 and 36.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 80.08 Intersect E. bdy. of Tp., 28 lks S. of the cor. of secs. 25 and 36, reestablished as hereinbefore described.
- Thence S.89°49'W., on a true line, bet. secs. 25 and 36, over mountainous land, through scattering timber and undergrowth. Desc. 100 ft., on SW. slope.
 7.84 Bottom of Ash Creek Canyon, course N. Asc. abruptly over ledges, 85 ft.
 11.00 Thence along N. slope of spur.
 31.40 Spur, slopes N.60°W. Desc.
 40.04 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

$$\begin{array}{r} S25 \\ \frac{1}{4} \\ \hline S36 \\ 1916 \end{array}$$

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

- 40.80 Ravine, course N.60°W., 250 ft. below spur. Thence along N. slope.
 55.00 Spur, slopes NW. Desc. 140 ft., on SW. slope.
 64.78 Ravine, course NW. Asc. 150 ft., on NE. slope.
 80.08 The cor. of secs. 25, 26, 35 and 36.

Land, mountainous; general drainage NW.
 Soil, dark clay and loose rock; 4th rate, with numerous outcroppings of granite ledges.
 Timber, cedar.
 Undergrowth, greasewood.

- N.0°04'W., bet. secs. 25 and 26, over mountainous land, through scattering undergrowth. Desc. 235 ft.
 14.50 Bottom of S. fork of Ash Creek Canyon, course W. Asc. 265 ft.
 35.08 Spur, slopes W. Desc.
 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

$$\begin{array}{r} S26 | S25 \\ \frac{1}{4} \\ \hline 1916 \end{array}$$

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

- 43.05 Ravine, course W.; 80 ft. below spur. Asc. 25 ft.
 49.00 Summit of ascent. Desc. 270 ft., on N. slope.
 61.85 Bottom of Ash Creek Canyon, course W. Asc. 290 ft., on S. slope.
 80.00 Set an iron post, 3 ft. long, 2 ins. diam., in a mound of stone on solid rock, for cor. of secs. 23, 24, 25 and 26, marked on brass cap

$$\begin{array}{r} T13S | R22E \\ S23 | S24 \\ \hline S26 | S25 \\ \frac{1}{4} \\ \hline 1916 \end{array}$$

1916

from which

- An oak, 6 ins. diam., bears N.14 $\frac{1}{2}$ °E., 52 lks. dist., marked T13S R22E S24 BT.
 An oak, 7 ins. diam., bears S.52 $\frac{1}{4}$ °E., 69 lks. dist., marked T13S R22E S25 BT.
 An oak, 4 ins. diam., bears S.9 $\frac{1}{2}$ °W., 53 lks. dist., marked T13S R22E S26 BT.
 An oak, 5 ins. diam., bears N.80 $\frac{1}{2}$ °W., 70 lks. dist., marked T13S R22E S23 BT.

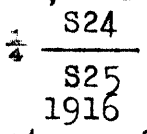
Chains

Land, rough mountainous; general drainage W.
 Soil, dark clay and loose rock, 4th rate; with numerous granite ledges.
 Timber, cedar and oak.
 Undergrowth, greasewood.

40.00 N.89°49'E., on a random line, bet. secs. 24 and 25.
 Set temp. $\frac{1}{4}$ sec. cor.
 80.20 Intersect E. bdy. of Tp., 5 lks. S. of the cor. of secs. 24 and 25, reestablished as hereinbefore described.

Thence S.89°47'W., on a true line, bet. secs. 24 and 25, over mountainous land, through timber and undergrowth. Asc. 180 ft., abruptly.

1.45 Ridge, bears NW. and S. Desc. 335 ft.
 21.20 Head of Ash Creek Canyon, course SW. Desc. gradually, along NW. side of canyon.
 40.10 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

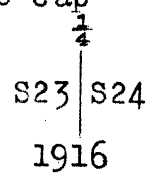


and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, N. of cor.

44.20 Ft. of descent. Asc. 145 ft.,
 49.00 Summit of ascent, on rock ledge. Desc. 245 ft.
 68.50 Ft. of descent. Asc. 150 ft., along S. slope of spur.
 80.20 The cor. of secs. 23, 24, 25 and 26.

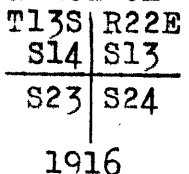
Land, rough mountainous; general drainage W.
 Soil, dark clay and loose rocks; 4th rate, with numerous granite ledges.
 Timber, cedar and scrub oak.
 Undergrowth, greasewood.

2.00 N.0°04'W., bet. secs. 23 and 24,
 over rough mountainous land, through scattering timber and undergrowth. Asc. 15 ft.
 14.45 Top of rocky spur, slopes W. Desc. 280 ft., on N. slope.
 21.95 Ravine, course W. Asc. 200 ft., on S. slope.
 40.00 Spur, slopes SW. Desc. gradually, along W. slope.
 Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the ground and 14 ins. in a mound of stone, 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.

Asc. 100 ft. on steep slope.
 45.80 Ridge, bears E. and W. Desc. 100 ft., on N. slope.
 57.50 Ravine, course W. Asc. 135 ft.
 65.15 Summit of ascent. Desc. 60 ft. on NW. slope.
 73.56 Ravine, course W. Asc. 100 ft.
 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 12 ins. in the ground and 12 ins. in a mound of stone, for cor. of secs. 13, 14, 23 and 24, marked on brass cap



Subdivision of T. 13 S., R. 22 E.

Chains

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

Land, rough mountainous; general drainage W. Soil, dark clay and loose rock; 4th rate, with numerous granite ledges. Timber, cedar and scrub oak. Undergrowth, greasewood.

40.00 N.89°47'E., on a random line, bet. secs. 13 and 24. Set temp. 1/4 sec. cor.
80.14 Intersect E. bdy. of Tp., 2 lks. N. of the reestablished cor. of secs. 13 and 24, hereinbefore described.

9.50 Thence S.89°48'W., on a true line, bet. secs. 13 and 24, over rough mountainous land, through scattering timber and undergrowth. Asc. 75 ft., along N. side of canyon. Bottom of canyon, course S.75°E. Small seep of water of good quality, in bottom. Asc. on steep NE. slope.
40.07 Set an iron post, 3 ft. long, 1 in. diam., 6 ins. in the ground and 20 ins. in a mound of stone, for 1/4 sec. cor., marked on brass cap

1/4 S13
S24
1916

52.00 and raise a mound of stone, 2 ft. base, 1 1/2 ft. high, N. of cor. Ridge, bears N. and S.; 675 ft. above bottom of canyon. Desc. 400 ft.
80.14 The cor. of secs. 13, 14, 23 and 24.

Land, rough mountainous. Soil, dark clay and loose rock; 4th rate, with numerous sandstone ledges. Timber, cedar and scrub oak. Undergrowth, greasewood.

13.40 N.0°04'W., bet. secs. 13 and 14, over rough mountainous land, through scattering timber and underbrush. Asc. 280 ft., on SW. slope.
37.42 Ridge, bears NW. and SE. Desc. 560 ft., on NE. slope. Bottom of canyon, course N.60°E. Asc.
40.00 Set an iron post, 3 ft. long, 1 in. diam., 10 ins. in the ground to solid rock and 16 ins. in a mound of stone, for 1/4 sec. cor., marked on brass cap

1/4 S14 | S13
1916

from which
An oak, 6 ins. diam., bears S.49 1/2°E., 45 lks. dist., marked 1/4 S13 BT.
An oak, 8 ins. diam., bears N.44°15'W., 35 lks. dist., marked 1/4 S14 BT.
42.00 Spur, slopes E., 50 ft. above bottom of canyon. Desc. over a succession of small spurs and gulches along side of ridge.
78.80 Ft. of descent, 210 ft. below spur. Small quantity of clear water seeps out at ft. of slope, and runs E. Asc.
80.00 Set an iron post, 3 ft. long, 2 ins. diam., in a mound of stone on solid rock, for cor. of secs. 11, 12, 13 and 14, marked on brass cap

Chains

T13S	R22E
S11	S12
S14	S13

1916

from which

An oak, 4 ins. diam., bears N.38 $\frac{1}{2}$ °E., 64 lks. dist., marked T13S R22E S12 BT.

An oak, 4 ins. diam., bears S.57°45'E., 42 lks. dist., marked T13S R22E S13 BT.

An oak, 7 ins. diam., bears S.48°W., 164 lks. dist., marked T13S R22E S14 BT.

A cedar, 8 ins. diam., bears N.50°W., 93 lks. dist., marked T13S R22E S11 BT.

Land, rough mountainous.

Soil, dark clay and loose rock, 4th rate; with numerous granite ledges.

Timber, cedar and scrub oak.

Undergrowth, oak brush.

40.00
80.28

N.89°48'E., on a random line, bet. secs. 12 and 13. Set temp. $\frac{1}{4}$ sec. cor.

Intersect E. bdy. of Tp. 24 lks. N. of the reestablished cor. of secs. 12 and 13, hereinbefore described.

4.18
40.14

Thence S.89°58'W., on a true line, bet. secs. 12 and 13, over mountainous land, along S. side of bottom of canyon, through scattering timber and undergrowth.

Road, bears NE. and SE., at bend.

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

$\frac{1}{4}$	S12
	S13
	1916

from which

A cedar, 6 ins. diam., bears N.27 $\frac{1}{2}$ °E., 45 lks. dist., marked $\frac{1}{4}$ S12 BT.

A cedar, 14 ins. diam., bears S.32 $\frac{1}{2}$ °E., 58 lks. dist., marked $\frac{1}{4}$ S13 BT.

40.78

Bottom of canyon, course E. Stream of clear water, 2 lks. wide, 1 in. deep, in bottom. Asc. gradually, along N. side of bottom of canyon.

62.48

Asc. 100 ft.

71.30

Summit of ascent. Desc. 60 ft.

80.28

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

Land, rough mountainous.

Soil, dark clay and loose rock, 4th rate.

Timber, cedar and scrub oak.

Undergrowth, oak brush.

14.00

N.0°04'W., bet. secs. 11 and 12, over rough mountainous land, through scattering undergrowth and timber. Asc. 185 ft.

23.15

Top of spur, slopes SE. Desc. 40 ft.

40.00

Ravine, course SE. Asc.

Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the ground, and 14 ins. in a mound of stone, for $\frac{1}{4}$ sec. cor., marked on brass cap

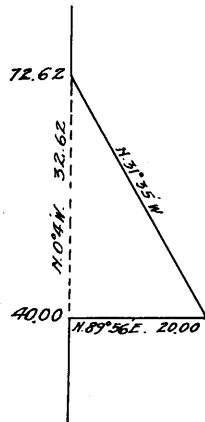
$\frac{1}{4}$	S11	S12
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1916

Chains

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

In order to obtain distance across rough SE. slope, over which accurate chaining is difficult or impracticable, I measure a base N.89°56'E., 20.00 chs., to a point whence a flag placed on line N.0°04'W. from the 1/4 sec. cor. bears N.31°35'W.; and from the flag I read the angle subtended by the base, which is 31°31'. Therefore the distance is cotan. of 31°31' X base, or 1.63079 X 20.00, or 32.62 chs. The total distance to the flag is therefore 40.00 + 32.62, or 72.62 chs.



- 72.62 Summit of ascent, 900 ft. above 1/4 sec. cor., and 1250 ft. above ravine. Thence across nearly level land on top of mountain, through dense oak and manzanita brush.
- 77.00 Top of mountain range bears NE. and SW. Thence over nearly level land, on W. slope of mountain top.
- 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

T13S	R22E
S2	S1
S11	S12

1916

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

Land, rough mountainous; general drainage E. Soil, dark clay and loose rock, 4th rate. Timber, cedar and scrub oak. Undergrowth, oak brush and manzanita.

- 40.00 N.89°58'E., on a random line, bet. secs. 1 and 12. Set temp. 1/4 sec. cor.
- 80.20 Intersect E. bdy. of Tp. 9 lks. S. of the cor. of secs. 1 and 12, reestablished as hereinbefore described.
- Thence S.89°54'W., on a true line, bet. secs. 1 and 12, over mountainous land, through scattering timber and dense underbrush. Asc. 310 ft., over ledges.
- 8.35 Top of ridge, bears N.80°W. and SE. Desc. 125 ft.
- 13.70 Ft. of descent. Asc. 260 ft.
- 24.70 Top of ridge, bears N.80°E. and N.80°W., at bend. Desc. on SW. slope.
- 40.10 Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the ground and 14 ins. in a mound of stone, for 1/4 sec. cor., marked on brass cap

S 1
1/4
S12
1916

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

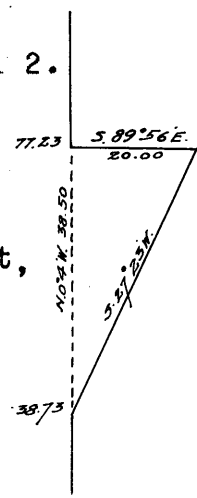
- 54.30 Ft. of descent, at intersection of SW. and SE. slopes; 550 ft. below ridge. Asc. 920 ft., on SE. slope.
- 79.20 Top of main ridge, bears NW. and SW., at bend. Thence across top of mountain.
- 80.20 The cor. of secs. 1, 2, 11 and 12.

Land, rough mountainous; general drainage E. Soil, dark clay and loose rock; 4th rate, with numerous granite ledges. Timber, cedar and scrub oak. Undergrowth, manzanita and oak brush.

Chains

38.73

N.0°04'W., on a random line, bet. secs. 1 and 2. Leave temp. $\frac{1}{4}$ sec. cor. and flag. Then, to obtain the distance over abrupt slopes and ledges, across which accurate chaining is impracticable, I establish a station on line N.0°04'W., from which I measure a base N.89°56'E. 20 chs. to a point, whence flag bears S.27°23'W.; which gives for the distance, base X cotan of the angle subtended by the base, or 20.00 X cotan 27°27', or 38.50 chs. The total distance is therefore 38.73 + 38.50, or 77.23 chs.



77.23

Continue measurement with steel tape.

82.35

Intersect N. bdy. of Tp. 20 lks. W. of the cor. of secs. 1, 2, 35 and 35, hereinbefore described.

Thence S.0°05'W., on a true line, bet. secs. 1 and 2, over rough mountainous land, through scattering timber and dense undergrowth. Asc. 95 ft.

5.10

Summit of ascent. Desc.

25.12

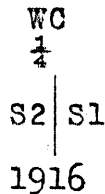
Bottom of canyon, course E. Asc.

42.35

Point for $\frac{1}{4}$ sec. cor. falls in location where it is impracticable to establish a monument. Therefore I establish a witness cor. as follows:

43.62

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



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

Desc. 300 ft., over cliffs.

51.65

Ft. of descent. Asc. 910 ft., over cliffs and ledges.

80.85

Top of main mountain ridge, bears NW. and SE. Thence across top of mountain.

82.35

The cor. of secs. 1, 2, 11 and 12.

Land, rough mountainous; general drainage E. Soil, dark stiff clay and loose rock, 4th rate; with numerous granite cliffs and ledges. Timber, cedars and scrub oak. Undergrowth, manzanita and oak brush.

From the cor. of secs. 34 and 35, on S. bdy. of Tp., hereinbefore described;

N.0°04'W., bet. secs. 34 and 35, over rough mountainous land, through scattering undergrowth. Asc. 100 ft., on SE. slope.

12.00

Top of spur, slopes NE. Thence along E. side of mountain.

25.00

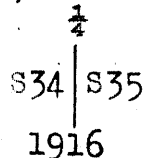
Desc.

35.00

Saddle, on ridge bearing NE. and SW. Desc. NW. slope.

40.00

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



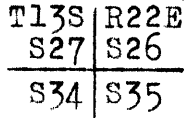
and raise a mound of stone, 2 ft. base, 1 1/2 ft. high, W. of cor.

Asc. 80 ft.

Subdivision of T. 13 S., R. 22 E.

Chains

61.50 Top of spur, slopes SW. Desc. 110 ft., on NW. slope.
 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground and a mound of stone, for cor. of secs. 26, 27, 34 and 35, marked on brass cap



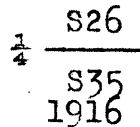
1916
 and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.

Land, mountainous.
 Soil, rocky; 4th rate.
 No timber.
 Undergrowth, sage.

40.00 EAST, on a random line, bet. secs. 26 and 35.
 Set temp. ¼ sec. cor.
 80.16 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 mountainous land, through scattering undergrowth. Desc. 115 ft., on SW. slope.

4.90 Ravine, course N. Asc. 190 ft., on E. slope.
 14.66 Top of spur, slopes N. Desc. 90 ft., on W. slope.
 20.16 Ravine, course NW. Asc. abruptly.
 40.08 Set an iron post, 3 ft. long, 1 in. diam., partly in the ground to solid rock and in a mound of stone to within 10 ins. of the top, for ¼ sec. cor., marked on brass cap

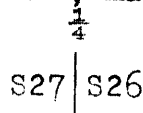


and raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor.

42.16 Top of mountain peak, 250 ft. above ravine. Desc. 660 ft., on abrupt W. slope.
 80.16 The cor. of secs. 26, 27, 34 and 35.

Land, mountainous.
 Soil, rocky; 4th rate.
 No timber.
 Undergrowth, sage.

N.0°04'W., bet. secs. 26 and 27, over rolling land, through scattering undergrowth.
 34.42 Wash, 40 lks. wide, 8 ft. deep, course SW.
 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

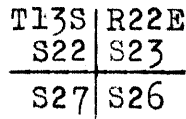


1916
 and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.

50.00 Asc. 52 ft., on gradual slope.
 Ridge, bears E. and W. Desc. 65 ft., on N. slope.
 59.40 Wash, 60 lks. wide, 4 ft. deep, course SW. Asc. 60 ft., on gradual slope, through scattering oak brush.
 70.85 Top of ridge, bears NE. and SW.
 A house bears S.52°35'E., about 12 chs. dist.
 Desc. 50 ft., on NW. slope.

Chains

80.00 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



1916

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

Land, rolling.
Soil, light sandy loam and coarse gravel; 2nd and 3rd rate.
No timber.
Undergrowth, sage and oak brush.

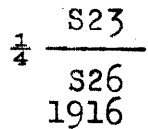
40.00 EAST, on a random line, bet; secs. 23 and 26.
Set temp. 1/4 sec. cor.

80.12 Intersect N. and S. line 4 lks. N. of the cor. of secs. 23, 24, 25 and 26.

Thence N.89°58'W., on a true line, bet. secs. 23 and 26, over hilly land, through scattering undergrowth, and scrub oak. Descend.

11.00 Leave scrub oak.

40.06 Set an iron post, 3 ft. long, 1 in. diam., 8 ins. in the ground to solid rock and 18 ins. in a mound of stone, for 1/4 sec. cor., marked on brass cap



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

40.22 Deep wash, 40 lks. wide, course S.80°W., 380 ft. below sec. cor.

41.32 Wash, 40 lks. wide, course N.80°W.; same wash.

47.52 Wash, 30 lks wide, course SW.; same wash.

79.97 Road, bears NW. and SE.

80.12 The cor. of secs. 22, 23, 26 and 27.

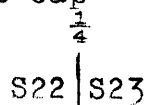
Land, rolling hills.
Soil, coarse gravel and rocky; 3rd and 4th rate.
No timber.
Undergrowth, oak brush and sage.

N.0°04'W., bet. secs. 22 and 23, over rolling land, through scattering undergrowth.

.20 Road, bears NW. and SE.

15.00 Begin ascent of gradual slope of small rocky ridge.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 6 ins. in the ground, and 20 ins. in a mound of stone, for 1/4 sec. cor., marked on brass cap



1916

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

43.50 Top of ridge, bears NE. and SW., 125 ft. above ft. of slope. Desc. 75 ft., on NW. slope.

57.00 Wash, 50 lks. wide, 4 ft. deep, course SW. Asc. 55 ft., on SE. slope.

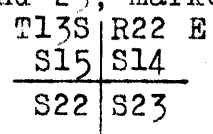
75.00 Top of ridge, bears NE. and SW. Desc. 30 ft., on NW. slope.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 6 ins. in the

Subdivision of T. 13 S., R. 22 E.

Chains

ground and 18 ins. in a mound of stone, for cor. of secs. 14, 15, 22 and 23, marked on brass cap



1916

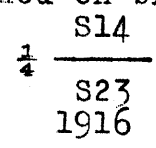
and raise a mound of stone, 2 ft. base, 1 1/2 ft. high, W. of cor.

Land, rolling.
Soil, light sandy loam and gravel, with cobble-stones; 2nd and 3rd rate.
No timber.
Undergrowth, sage.

40.00 S.89°58'E., on a random line, bet. secs. 14 and 23.
Set temp. 1/4 sec. cor.
80.02 Intersect N. and S. line at the cor. of secs. 13, 14, 23 and 24.

Thence N.89°58'W., on a true line, bet. secs. 14 and 23, over mountainous land, through scattering timber and undergrowth. Asc. 40 ft.

5.00 Top of spur, slopes S. Desc. 180 ft., on W. slope.
14.40 Bottom of canyon, course S. Asc. 90 ft.
17.50 Top of cliff facing E. Desc. 30 ft.
20.00 Head of small ravine, course SE. Asc. 100 ft.
31.50 Top of spur, sloping S. Desc.
40.01 Set an iron post, 3 ft. long, 1 in. diam., 4 ins. in the ground to solid rock and 22 ins. in a mound of stone, for 1/4 sec. cor., marked on brass cap

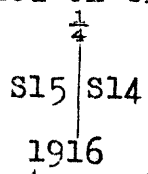


from which
A juniper, 30 ins. diam., bears S.41 1/2°E., 164 lks. dist., marked 1/4 S23 BT.
A juniper, 24 ins. diam., bears N.59°E., 215 lks. dist., marked 1/4 S14 BT.

Leave timber.
49.00 Bottom of canyon, course S.20°W., 100 ft. below top of spur. Asc. 165 ft., on E. slope.
62.00 Top of spur, sloping S. Desc. 160 ft., on NW. slope.
80.02 The cor. of secs. 14, 15, 22 and 23.

Land, mountainous and rolling hills.
Soil, light sandy loam, gravelly and rocky; 2nd and 3rd rate.
Timber, juniper.
Undergrowth, sage.

17.00 N.0°04'W., bet. secs. 14 and 15, over rolling land, through scattering undergrowth. Desc. 40 ft., on NW. slope.
40.00 Wash, 40 lks. wide, 4 ft. deep, course SW. Asc. 115 ft., on SE. slope.
Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the ground to solid rock and 14 ins. in a mound of stone, for 1/4 sec. cor., marked on brass cap



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

Chains

43.90 Enter wash, course SW.; comes from N. Thence along bed of same.

75.10 Leave wash; comes from NE.

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, marked on brass cap

T13S	R22E
S10	S11
S15	S14

1916

and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.

Land, rolling and hilly.

Soil, sandy loam, gravelly and rocky; 3rd and 4th rate.

No timber.

Undergrowth, sage.

40.00 S.89°58'E., on a random line, bet. secs. 11 and 14.
Set temp. ¼ sec. cor.

79.94 Intersect N. and S. line 7 lks. N. of the cor. of secs. 11, 12, 13 and 14.

Thence N.89°55'W., on a true line, bet. secs. 11 and 14, over mountainous land, through scattering timber and undergrowth. Asc. 415 ft., on E. slope.

26.00 Top of main ridge bears N. and S. Desc. 70 ft., on NW. slope.

30.00 Ravine, course SW. Asc. on SE. slope.

39.97 Set an iron post, 3 ft. long, 1 in. diam., in a mound of stone, for ¼ sec. cor., marked on brass cap

S11
¼
S14
1916

from which

An oak, 6 ins. diam., bears N.23°E., 18 lks. dist., marked ¼ S11 BT.

An oak, 18 ins. diam., bears S.49°50'W., 49 lks. dist., marked ¼ S14 BT.

50.00 Top of spur, slopes SW.; 250 ft. above ravine. Desc. 300 ft.

79.94 The cor. of secs. 10, 11, 14 and 15.

Land, mountainous.

Soil, rocky and gravelly; 3rd and 4th rate.

Timber, oak and juniper.

Undergrowth, sage.

N.0°04'W., bet. secs. 10 and 11, over mountainous land, through scattering undergrowth and timber, across top of spur, sloping W.

10.00 Desc. 115 ft., on N. slope.

19.00 "Davis" canyon, course SW. Water in pools. Asc. on SW. slope.

40.00 Set an iron post, 3 ft. long, 1 in. diam., in a mound of stone, for ¼ sec. cor., marked on brass cap

¼
S10
S11

1916

from which

An oak, 9 ins. diam., bears N.52½°E., 74 lks. dist., marked ¼ S11 BT.

Subdivision of T. 13 S., R. 22 E.

Chains

- An oak, 30 ins. diam., bears N.18°W., 140 lks. dist., marked $\frac{1}{4}$ S10 BT.
- 52.00 Top of mountain, bears E. and W. 615 ft. above bottom of canyon. Thence asc. gradually, across top.
- 61.00 Begin descent on NE. slope of mountain, along base of cliff 100 ft. high.
- 76.20 Ft. of NE. slope. Thence on E. slope.
- 80.00 Set an iron post, 3 ft. long, 2 ins. diam., in ground to solid rock and in a mound of stone to within 12 ins. of top, for cor. of secs. 2, 3, 10 and 11, marked on brass cap

T13S	R22E
S3	S2
S10	S11

1916

- from which
- An oak, 12 ins. diam., bears N.54 $\frac{1}{2}$ °E., 66 lks. dist., marked T13S R22E S2 BT.
- An oak, 18 ins. diam., bears S.11 $\frac{1}{2}$ °E., 37 lks. dist., marked T13S R22E S11 BT.
- An oak, 18 ins. diam., bears S.37°W., 118 lks. dist., marked T13S R22E S10 BT.
- An oak, 18 ins. diam., bears N.58 $\frac{1}{2}$ °W., 140 lks. dist., marked T13S R22E S3 BT.

Land, mountainous.
 Soil, rocky and gravelly; 4th rate.
 Timber, juniper and oak.
 Undergrowth, scrub oak.

- 40.00 S.89°55'E., on a random line, bet. secs. 2 and 11.
- 79.98 Set temp. $\frac{1}{4}$ sec. cor.
- 79.98 Intersect N. and S. line 12 lks. S. of the cor. of secs. 1, 2, 11 and 12.

Thence WEST, on a true line, bet. secs. 2 and 11, over mountainous land, through scattering timber and undergrowth. Desc. from top of mountain, over steep slope broken by cliffs, 550 ft.

- 34.00 Head of ravine, course SW. Asc. on SE. slope.
- 39.99 Set an iron post, 3 ft. long, 1 in. diam., in a mound of stone, for $\frac{1}{4}$ sec. cor., marked on brass cap

$\frac{1}{4}$	S 2
	S11
	1916

- from which
- An oak, 6 ins. diam., bears N.69°E., 29 lks. dist., marked $\frac{1}{4}$ S2 BT.
- An oak, 12 ins. diam., bears S.8 $\frac{1}{2}$ °W., 104 lks. dist., marked $\frac{1}{4}$ S11 BT.

- 43.00 Top of rocky spur of high mountain; slopes S.10°W.; 150 ft. above head of ravine at 34 ch. pt. Desc. on steep W. slope into canyon, through dense underbrush, 915 ft.
- 71.00 Bottom of canyon, course S. Water in holes. Asc. 240 ft., on abrupt E. slope.
- 79.98 The cor. of secs. 2, 3, 10 and 11.

Land, mountainous.
 Soil, rocky; 4th rate.
 Timber, oak and juniper.
 Undergrowth, scrub oak.

- 40.00 N.0°04'W., on a random line, bet. secs. 2 and 3.
- Set temp. $\frac{1}{4}$ sec. cor.

Chains

82.58 Intersect N. bdy. of Tp. 16 lks. W. of the cor. of secs. 2, 3, 34 and 35, hereinbefore described.

Thence S.0°03'W., on a true line, bet. secs. 2 and 3, over mountainous land, through scattering timber and medium undergrowth.Desc.

1.10 Bottom of canyon, course S.20°W. Asc. 340 ft., on N. slope.

16.60 Top of spur, slopes W. Desc. on rocky slope, broken by ledges.

20.60 Cliff 30 ft. high, bears E. and W.

22.60 Cliff 50 ft. high.

28.10 Head of ravine, course W. Asc. 20 ft.

31.10 Top of spur, sloping W. Desc. on broken SW. slope.

35.10 Desc. over cliff 60 ft. high, bears NW. and SE.

42.58 Set an iron post, 3 ft. long, 1 in. diam., in ground to solid rock and in a mound of stone to within 10 ins. of top, for 1/4 sec. cor., marked on brass cap

1/4

S3 | S2

1916

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

45.30 Bottom of canyon, course SE.; water in pools., 270 ft. below spur at 31.10 ch. pt. Asc. 310 ft., on steep heavily overgrown NE. slope.

62.00 Top of spur, sloping SE. Desc. on steep slope.

63.60 A cliff, 100 ft. high, bears W., 100 lks. dist.

82.58 (220 ft. below top of spur,)

The cor. of secs. 2, 3, 10 and 11.

Land, mountainous.
Soil, rocky; 4th rate.
Timber, juniper and oak.
Undergrowth, oak brush.

From the reestablished cor. of secs. 33 and 34, on S. bdy. of Tp., described in Book E,

N.0°05'W., bet. secs. 33 and 34, over rolling land, through medium undergrowth.

11.80 Ash Creek wash, 30 lks. wide, 3 ft. deep, course SW.

14.50 Leave underbrush, bears NE. and SW.

30.35 Road, bears 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

S33 | S34

1916

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

63.00 Bottom of draw, course S.75°W.

79.97 Wire fence, bears E. and W.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for cor. of secs. 27, 28, 33 and 34, marked on brass cap

T13S | R22E

S28 | S27

S33 | S34

1916

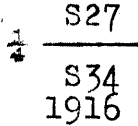
and raise a mound of stone, 2 ft. base, 1 1/2 ft. high, W. of cor.

Land, rolling; drainage SW.
Soil, dark stiff clay and loose rock; 3rd rate.
No timber. Undergrowth, mesquite and sage.

Chains

40.00 S.89°59'E., on a random line, bet. secs. 27 and 34.
Set temp. $\frac{1}{4}$ sec. cor.
80.12 Intersect N. and S. line 24 lks. S. of the cor. of secs.
26, 27, 34 and 35.

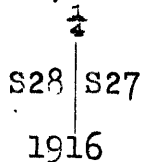
Thence S.89°51'W., on a true line, bet. secs. 27 and 34,
over rolling land,
.50 Asc. 50 ft., on NE. slope.
5.40 Summit of ascent. Begin descent of gradual SW. slope.
34.67 Road, bears NE. and SW.
37.32 Ft. of descent, 165 ft. below top of slope. Ash Creek
wash, course SW. Asc. on steep SE. slope.
40.06 Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the
ground to solid rock and 14 ins. in a mound of stone,
for $\frac{1}{4}$ sec. cor., marked on brass cap



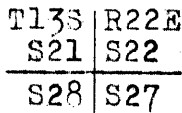
and raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high,
N. of cor.
42.10 Ridge, bears N. and S., 90 ft. above Ash Creek wash.
60.10 Bottom of draw, course SW.; heads 10 chs. NE.
73.70 Wire fence, bears N. and W. from cor. Thence along fence.
80.12 The cor. of secs. 27, 28, 33 and 34.

Land, rolling; general drainage SW.
Soil, dark stiff clay and loose rock; 3rd rate.
No timber or underbrush.

40.00 N.0°05'W., bet. secs. 27 and 28,
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



and raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high,
W. of cor.
48.80 Deep wash, 3 chs. wide, 15 ft. deep, course SW.
65.75 Road, bears E. and W.
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, marked on
brass cap



1916
and raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high,
W. of cor.

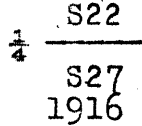
Land, rolling; drainage SW.
Soil, dark, stiff clay and loose rock; 3rd rate.
No timber or underbrush.

40.00 N.89°51'E., on a random line, bet. secs. 22 and 27.
Set temp. $\frac{1}{4}$ sec. cor.
80.14 Intersect N. and S. line 3 lks. N. of the cor. of secs.
22, 23, 26 and 27.

13.60 Thence S.89°52'W., on a true line, bet. secs. 22 and 27,
over nearly level land;
Road, bears N.75°E. and S.75°W.

Chains

20.15 Bottom of draw, course SW. Begin ascent on gradual slope.
 38.15 Low spur, slopes SW. Desc. on gradual W. slope.
 40.07 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



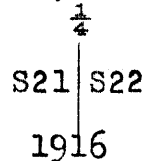
and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high,
 N. of cor.

55.15 Ft. of slope, bears N. and S.
 79.34 Road, bears N. and S.
 79.51 Cor of wire fence running S. and W.
 80.14 The cor. of secs. 21, 22, 27 and 28.

Land, rolling; general drainage SW.
 Soil, dark stiff clay and loose rock; 3rd rate.
 No timber or underbrush.

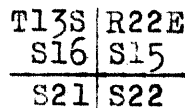
N.0°05'W., bet. secs. 21 and 22,
 over rolling land,

.03 Wire fence, bears E. and W.
 1.75 Road, bears NW. and SE.
 16.90 Wash, 30 lks. wide, 2 ft. deep, course SW.
 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, 2 ft. base, $1\frac{1}{2}$ ft. high,
 W. of cor.

48.30 Same road, bears NE. and SW.
 63.80 Bottom of draw, course W.
 79.33 Wire fence, bears E. and W.
 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, marked on
 brass cap



1916
 and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high,
 W. of cor.

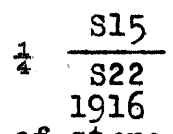
Land, rolling; general drainage SW.
 Soil, dark stiff clay and loose rock; 3rd rate.
 No timber or undergrowth.

40.00 N.89°52'E., on a random line, bet. secs. 15 and 22.
 Set temp. $\frac{1}{4}$ sec. cor.
 80.24 Intersect N. and S. line 9 lks. S. of the cor. of secs.
 14, 15, 22 and 23.

Thence S.89°48'W., on a true line, bet. secs. 15 and 22,
 over rolling land;

11.80 Road, bears NE. and SW.
 12.90 Deep draw, course SW. Begin gradual ascent, on E. slope.
 31.25 Top of low ridge, 110 ft. above draw, bears N. and S.
 Desc. gradually.
 40.12 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

Chains



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

45.25 Ft. of slope.

61.55 Bottom of draw, course SW.

67.90 Road, bears N. and S.

68.08 Wire fence, bears N. and S.

80.24 The cor. of secs. 15, 16, 21 and 22.

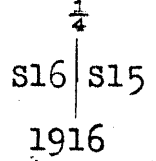
Land, rolling; general drainage SW.
Soil, dark, stiff clay and loose rock; 3rd rate.
No timber or underbrush.

N.0°05'W., bet. secs. 15 and 16, over rolling land.

8.20 Draw, course SW.

35.50 Bottom of draw, course SW.; heads 12 chs. 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

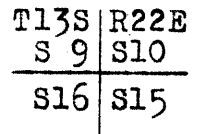


and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.

56.40 Road, bears E. and W.

63.80 Bottom of draw, 10 chs. wide, 40 ft. deep, course SW.

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, 2 ft. base, 1½ ft. high, W. of cor.

Land, rolling; general drainage SW.
Soil, dark stiff clay and loose rock; 3rd rate.
No timber or underbrush.

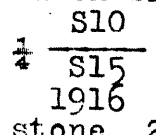
N.89°47'E., on a random line for distance, bet. secs. 10 and 15--the cor. being visible.

40.00 Set temp. ¼ sec. cor.

80.32 Intersect the cor. of secs. 10, 11, 14 and 15.

Thence S.89°47'W., on a true line, bet. secs. 10 and 15, over rolling land;

40.16 Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the ground to solid rock and 14 ins. in a mound of stone, for ¼ sec. cor., marked on brass cap



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

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

Land, rolling; general drainage SW.
Soil, dark stiff clay and loose rock; 3rd rate.
No timber or underbrush.

Chains

N.0°05'W., bet. secs. 9 and 10,
over mountainous land.

3.00 Begin descent on N. slope. Top bears E. and W.

11.50 Enter scattering cedar and scrub oak, bears E. and W.

15.70 Bottom of Davis Canyon, 150 ft. below top of slope, course
N.89°W. Asc. 125 ft.

22.00 Spur, slopes W. Desc. 90 ft.

37.90 Ravine, course SW. Asc.

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

$\frac{1}{4}$
S 9 | S10
1916

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

60.00 Top of spur, 150 ft. above ravine, slopes SW. Desc. 70 ft.

65.60 Ravine, course SW. Asc. 135 ft.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., in a mound of
stone on solid rock, for cor. of secs. 3, 4, 9 and 10,
marked on brass cap

T13S | R22E
S4 | S3

S 9 | S10
1916

from which

- An oak, 3 ins. diam., bears N.29°45'E., 120 lks. dist.,
marked T13S R22E S3 BT.
- An oak, 4 ins. diam., bears S.44 $\frac{1}{2}$ °E., 76 lks. dist.,
marked T13S R22E S10 BT.
- An oak, 8 ins. diam., bears S.89 $\frac{1}{2}$ °W., 78 lks. dist.,
marked T13S R22E S9 BT.
- A cedar, 6 ins. diam., bears N.37°45'W., 40 lks. dist.,
marked T13S R22E S4 BT.

Land, mountainous; general drainage W. and SW.
Soil, dark stiff clay and loose rock; 4th rate, with
numerous granite ledges.
Timber, cedar and scrub oak.
Undergrowth, oak brush.

N.89°47'E., on a random line, bet. secs. 3 and 10.

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

80.38 Intersect N. and S. line 25 lks. N. of the cor. of secs.
2, 3, 10 and 11.

Thence S.89°58'W., on a true line, bet. secs. 3 and 10,
over mountainous land, through scattering timber and
undergrowth. Asc. 330 ft., over abrupt slope broken
by ledges and cliffs.

11.23 Spur, projects S. Desc. abruptly, 500 ft., on broken
W. slope.

26.58 Ravine, course SW. Asc. 90 ft.

31.40 Summit of ascent, on spur sloping S. Desc. 115 ft.

39.88 Ravine, course S.; heads 10 chs. N. Asc.

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

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

S10
1916

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

46.00 Spur, projects S., 75 ft. above bottom of ravine. Desc.
260 ft., on W. slope.

60.23 Head of ravine, course SW. Desc. along spur.

Chains

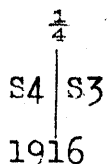
74.08 Bottom of ravine, course S.35°W., 160 ft. below 60.23 ch. pt.
 Asc. 60 ft., on E. slope.
 78.40 Top of ascent, on spur sloping S. Desc.
 80.38 The cor. of secs. 3, 4, 9 and 10.

Land, mountainous; general drainage SW.
 Soil, dark stiff clay and loose rock; 3rd and 4th rate,
 with numerous granite ledges.
 Timber, cedar and scrub oak.
 Undergrowth, oak brush and greasewood.

40.00 N.0°05'W., on a random line, bet. secs. 3 and 4.
 Set temp. 1/4 sec. cor.
 82.51 Intersect N. bdy. of Tp. 27 lks. W. of the cor. of secs.
 3, 4, 33 and 34, hereinbefore described.

Thence S.0°07'W., on a true line, bet. secs. 3 and 4,
 over mountainous land, through scattering timber and
 undergrowth. Begin descent of 440 ft.

33.93 Bottom of ravine, course SW. Asc. 125 ft.
 39.50 Ridge, bears NE. and SW. Desc.
 42.51 Set an iron post, 3 ft. long, 1 in. diam., in a mound of
 stone on solid rock, for 1/4 sec. cor., marked on brass
 cap



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

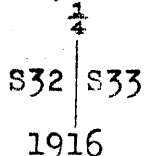
62.90 Ft. of descent, 175 ft. below ridge. Asc. 95 ft.
 69.70 Spur, projecting SW. Desc. 130 ft.
 82.51 The cor. of secs. 3, 4, 9 and 10.

Land, mountainous; general drainage SW.
 Soil, dark stiff clay and loose rock; 4th rate, with nu-
 merous granite ledges.
 Timber, cedar and scrub oak.
 Undergrowth, oak brush.

From the reestablished cor. of secs. 32 and 33, on S. bdy.
 of Tp., described in Book E;

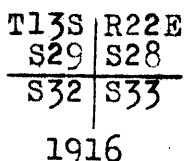
N.0°05'W., bet. secs. 32 and 33,
 over gently rolling land, through scattering sage.

2.60 Road from Hot Springs to Wilcox, bears NW. and SE.
 4.30 Wash, course SW., 30 lks. wide, 3 ft. deep.
 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



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., 24 ins. in the
 ground, for cor. of secs. 28, 29, 32 and 33, marked on
 brass cap



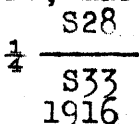
Chains

and raise a mound of stone, 2 ft. base, 1½ ft. high,
W. of cor.

Land, gently rolling.
Soil, sandy and gravelly loam; 1st and 2nd rate.
No timber.
Undergrowth, sage.

40.00 S.89°59'E., on a random line, bet. secs. 28 and 33.
80.00 Set temp. ¼ sec. cor.
Intersect N. and S. line 16 lks. N. of the cor. of secs.
27, 28, 33 and 34.

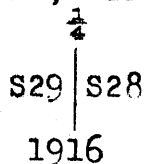
25.00 Thence N.89°54'W., on a true line, bet. secs. 28 and 33,
40.00 over gently rolling land, through scattering sage growth.
Wash, course S., 40 lks. wide, 4 ft. deep.
Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the
ground, for ¼ sec. cor., marked on brass cap



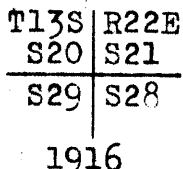
65.00 and raise a mound of stone, 2 ft. base, 1½ ft. high,
79.34 N. of cor.
Wash, 40 lks. wide, 4 ft. deep, course SW.
Wire fence, bears E. and N. from cor.
80.00 The cor. of secs. 28, 29, 32 and 33.

Land, gently rolling;
Soil, sandy and gravelly loam; 1st and 2nd rate.
No timber.
Undergrowth, sage.

29.30 N.0°05'W., bet. secs. 28 and 29,
39.60 over gently rolling land, through scattering sage.
40.00 Wash, 40 lks. wide, 6 ft. deep, course SW.
Cor. of fence running N., S., and E.
Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the
ground, for ¼ sec. cor., marked on brass cap



80.00 and raise a mound of stone, 2 ft. base, 1½ ft. high,
W. of cor.
From cor., a house bears N.76°50'E. (R.D. Fulghums).
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



and raise a mound of stone, 2 ft. base, 1½ ft. high,
W. of cor.
From cor. house hereinbefore described bears S.35°25'E,

Land, gently rolling.
Soil, sandy and gravelly loam; 1st and 2nd rate.
No timber.
Undergrowth, sage.

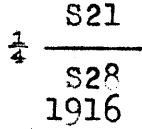
Subdivision of T. 13 S., R. 22 E.

Chains

40.00 S.89°54'E., on a random line, bet. secs. 21 and 28.
 Set temp. 1/4 sec. cor.
 80.04 Intersect N. and S. line 4 lks. N. of the cor. of secs.
 21, 22, 28 and 27.

Thence N.89°52'W., on a true line, bet. secs. 21 and 28,
 over gently rolling land, through scattering growth
 of sage; along S. side of wire fence.

7.34 A wire fence bears N.70°E. and S.70°W.
 18.34 Wash, 40 lks. wide, 3 ft. deep, course SW.
 40.02 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the
 ground, for 1/4 sec. cor., marked on brass cap



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

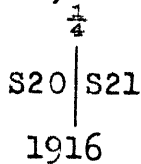
40.14 Wire fence bears N. and S.
 79.44 Cor. of wire fence running E. and S., bears S., 71 lks.
 dist.

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

Land, gently rolling.
 Soil, sandy and gravelly loam; 1st and 2nd rate.
 No timber.
 Undergrowth, sage.

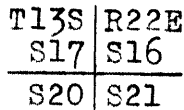
N.0°05'W., bet. secs. 20 and 21,
 over gently rolling land, through scattering growth
 of sage.

20.63 Wash, 40 lks. wide, 5 ft. deep, course SW.
 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



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

47.80 Wash, 50 lks. wide, 3 ft. deep, course SW.
 73.00 Top of low ridge, bears NE. and SW. Desc. gradually.
 79.00 Wash, 40 lks. wide, 4 ft. deep, course SW.
 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in
 ground, for cor. of secs. 16, 17, 20 and 21, marked on
 brass cap



1916

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

Land, gently rolling.
 Soil, sandy and gravelly loam, with cobble-stone; 2nd and
 3rd rate.
 No timber.
 Undergrowth, sage.

40.00 S.89°52'W., on a random line, bet. secs. 16 and 21.
 Set temp. 1/4 sec. cor.
 80.06 Intersect N. and S. line 3 lks. S. of the cor. of secs.
 15, 16, 21 and 22.

30

Subdivision of T. 13 S., R. 22 E.

Chains

Thence N.89°53'W., on a true line, bet. secs. 16 and 21,
over rolling land, N. of E. and W. wire fence.

30.00 Top of low ridge bears NE. and SW. Begin gradual descent.
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

$$\begin{array}{r} \frac{1}{4} \\ \hline S16 \\ S21 \\ 1916 \end{array}$$

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

50.06 Wash, 50 lks. wide, 3 ft. deep, course SW.

79.29 Wash, 40 lks. wide, 4 ft. deep, course W.

SW. cor. of wire fence running N. and E. bears S., 15 lks.
dist. Fence bears N. and S. from line.

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

Land, rolling.

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

No timber.

N.0°05'W., bet. secs. 16 and 17,
over rolling land, Asc. 45 ft., on SE. slope.

10.00 Top of ridge, bears NE. and SW. Begin gradual descent.

20.25 Wash, 30 lks. wide, 3 ft. deep, course NW.

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

$$\begin{array}{r} \frac{1}{4} \\ \hline S17 \quad S16 \\ 1916 \end{array}$$

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

61.00 Top of ridge, bears NE. and SW. Begin gradual descent.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the
ground, for cor. of secs. 8, 9, 16 and 17, marked on
brass cap

$$\begin{array}{r} T13S \quad R22E \\ \hline S8 \quad S9 \\ \hline S17 \quad S16 \end{array}$$

1916

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

Land, rolling.

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

No timber.

S.89°53'E., on a random line, bet. secs. 9 and 16.

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

80.08 Intersect N. and S. line 18 lks. S. of the cor. of secs.
9, 10, 16 and 15.

Thence S.89°59'W., on a true line, bet. secs. 9 and 16,
over rolling land, through scattering sage.

31.00 Road, bears N. and S.

40.04 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

$$\begin{array}{r} \frac{1}{4} \\ \hline S9 \\ S16 \\ 1916 \end{array}$$

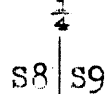
and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high,
N. of cor.

Chains

- 58.65 Wire fence bears N. and S.
- 79.42 NW. cor. of wire fence running E. and S., bears S., 50 lks. dist.
- 80.08 The cor. of secs. 8, 9, 16 and 17.

Land, rolling.
 Soil, sandy loam, gravelly and rocky; 2nd and 3rd rate.
 No timber.
 Undergrowth, sage.

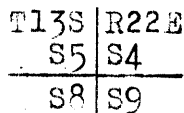
- N.0°05'W., bet. secs. 8 and 9, over rolling and broken land, through scattering sage. Desc. N. slope into Davis Canyon.
- 9.00 Opposite SW. cor. of fence running N. and E., E. of line.
- 11.82 Davis Canyon, course W., 100 lks. wide on bottom, 100 ft. below sec. cor. Scattering oak trees along banks. Asc. 120 ft., on S. slope.
- 20.00 Top of spur, sloping SW. Desc. 120 ft., on NW. slope.
- 29.60 Wash, 100 lks. wide, 5 ft. deep, course SW. Asc. 130 ft., on SE. slope.
- 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



1916

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

- Asc. 30 ft.
- 46.00 Top of spur, sloping SW.
- 63.50 Desc. 70 ft., on NW. slope.
- 68.30 Head of canyon, course SW. Asc. 75 ft., on SE. slope.
- 78.00 Top of ridge bears NE. and SW. Desc.
- 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in a mound of stone, for cor. of secs. 4, 5, 8 and 9, marked on brass cap



1916

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

Land, rolling and hilly.
 Soil, gravelly and rocky loam; 2nd and 3rd rate.
 Timber, scattering juniper and oak in bottoms of canyons.
 Undergrowth, sage.

- N.89°59'E., on a random line, bet. secs. 4 and 9.
- 40.00 Set temp. $\frac{1}{4}$ sec. cor.
- 80.12 Intersect N. and S. line 20 lks. S. of the cor. of secs. 3, 4, 9 and 10.

- Thence S.89°50'W., on a true line, bet. secs. 4 and 9, over mountainous land, through scattering oak, juniper and sage. Asc. 55 ft.
- 6.60 Top of spur, sloping SW. Desc.
- 9.10 Leave oak and juniper growth.
- 18.12 Wash, 30 lks. wide, 4 ft. deep, course SW., 120 ft. below spur. Asc. 50 ft.
- 22.40 Top of ridge, bears NE. and SW. Desc. 140 ft., on NW. slope.
- 31.00 Wash, 40 lks. wide, 3 ft. deep, course SW.

Chains

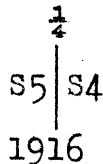
- 37.62 Wash, 30 lks. wide, 4 ft. deep, course SW.
 - 40.06 Set an iron post, 3 ft. long, 1 in. diam., in a mound of stone, for $\frac{1}{4}$ sec. cor., marked on brass cap
- $$\begin{array}{r} S\ 4 \\ \frac{1}{4} \text{---} \\ S\ 9 \\ 1916 \end{array}$$
- and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, N. of cor.
 - 46.12 Top of ridge, bears NE. and SW., 80 ft. above wash. Desc. 40 ft., on NW. slope.
 - 56.52 Wash, 40 lks. wide, 4 ft. deep, course SW. Asc. 80 ft., on SE. slope.
 - 66.10 Top of ridge, bears NE. and SW. Begin gradual descent.
 - 76.75 Wire fence, bears N. 50° E.
 - 79.80 Wire fence, bears N. and S.
 - 80.12 The cor. of secs. 4, 5, 8 and 9.

Land, hilly and mountainous.
 Soil, red sandy loam, gravelly and rocky; 2nd and 3rd rate.
 Timber, oak and juniper.
 Undergrowth, sage.

- 40.00 N. $0^{\circ}05'$ W., on a random line, bet. secs. 4 and 5.
Set temp. $\frac{1}{4}$ sec. cor.
- 82.75 Intersect N. bdy. of Tp. 2 lks. W. of the cor. of secs. 4, 5, 32 and 33, hereinbefore described.

Thence S. $0^{\circ}04'$ E., on a true line, bet. secs. 4 and 5, over mountainous land, through scattering underbrush. Asc.

- 3.30 Bottom of canyon, course SW. Asc. 110 ft.
- 8.75 Summit of ascent. Thence along W. slope.
- 17.75 Top of spur, sloping S. 20° W. Desc. 100 ft.
- 36.15 Head of canyon, course SW. Asc. 25 ft., on NW. slope.
- 40.75 Top of ridge, bears NE. and SW. Desc. on SE. slope.
- 42.75 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in a mound of stone, 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.

- 47.35 Bottom of canyon, course SW., 75 ft. below top of ridge. Asc. 150 ft., on NW. slope.
- 55.25 Top of ridge, bears NE. and SW. Desc. 40 ft., on SE. slope.
- 60.10 Bottom of canyon, course SW.
A house bears N. $80\frac{1}{2}^{\circ}$ W., Asc. 90 ft., on NW. slope.
- 65.75 Top of ridge, bears NE. and SW. House bears N. $70\frac{1}{2}^{\circ}$ W. Desc. 145 ft., on SE. slope.
- 76.75 Bottom of canyon, course SW. Asc. 145 ft., on NW. slope.
- 82.75 The cor. of secs. 4, 5, 8 and 9.

Land, mountainous and hilly.
 Soil, 2nd and 3rd rate sandy and gravelly loam.
 N. timber.
 Undergrowth, sage.

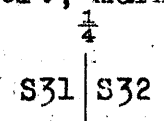
From the cor. of secs. 31 and 32, on S. bdy. of Tp., reestablished as described in Book E;

N. $0^{\circ}06'$ W., bet. secs. 31 and 32,

Subdivision of T. 13 S., R. 22 E.

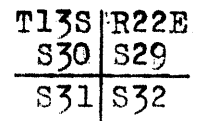
Chains

38.60 over gently rolling land;
 Road, bears 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., marked on brass cap



1916
 dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist., and raise a mound of earth, $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, W. of cor.

74.50 Hot Springs-Wilcox road, bears NW. and SE.
 80.00 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



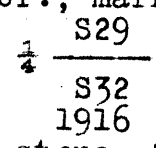
1916
 and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor.

Land, gently rolling; general drainage SW.
 Soil, dark stiff clay and coarse gravel; 3rd rate.
 No timber or underbrush.

40.00 S.89°59'E., on a random line, bet. secs. 29 and 32.
 Set temp. $\frac{1}{4}$ sec. cor.
 80.00 Intersect N. and S. line 9 lks. S. of the cor. of secs. 28, 29, 32 and 33.

17.25 Thence S.89°57'W., on a true line, bet. secs. 29 and 32, over gently rolling land.

Road, bears 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., marked on brass cap



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

80.00 The cor. of secs. 29, 30, 31 and 32.

Land, gently rolling; general drainage SW.
 Soil, dark, stiff clay and coarse gravel; 4th rate.
 No timber or underbrush.

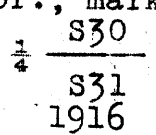
40.00 N.89°59'W., on a random line, bet. secs. 30 and 31.
 Set temp. $\frac{1}{4}$ sec. cor.
 78.40 Intersect W. bdy. of Tp. 9 lks. N. of the cor. of secs. 25, 30, 31 and 36, which is a granite stone, 10x19x6 ins. above ground, firmly set, marked and witnessed as described by the Surveyor General.

10.07 Thence N.89°57'E., on a true line, bet. secs. 30 and 31 over gently rolling land;

Wire fence, bears N. and S.

33.40 Bottom of draw, course SW.

38.40 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



Chains

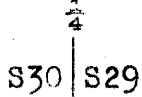
and raise a mound of stone, 2 ft. base, 1½ ft. high,
N. of cor.

71.30 Hot Springs-Wilcox road, bears NW. and SE.
78.40 The cor. of secs. 29, 30, 31 and 32.

Land, gently rolling; general drainage SW.
Soil, dark, stiff clay and coarse gravel; 3rd rate.
No timber or underbrush.

N.0°06'W., bet. secs. 29 and 30,
over gently rolling land,

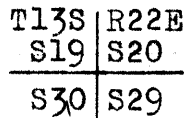
28.00 Bottom of draw, course SW.
40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the
ground, for ¼ sec. cor., marked on brass cap



1916

and raise a mound of stone, 2 ft. base, 1½ ft. high,
W. of cor.

78.00 Bottom of draw, course 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, marked
on brass cap



1916

and raise a mound of stone, 2 ft. base, 1½ ft. high,
W. of cor.

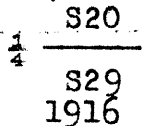
Land, gently rolling; general drainage SW.
Soil, dark stiff clay and coarse gravel; 3rd rate.
No timber or underbrush.

N.89°57'E., on a random line, bet. secs. 20 and 29.

40.00 Set temp. ¼ sec. cor.
79.96 Intersect N. and S. line 7 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;

21.55 Bottom of draw, course SW.
39.98 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, 2 ft. base, 1½ ft. high,
N. of cor.

77.55 Bottom of draw, course SW.
79.96 The cor. of secs. 19, 20, 29 and 30.

Land, gently rolling; general drainage SW.
Soil, dark, stiff clay and coarse gravel; 3rd rate.
No timber or underbrush.

S.89°57'W., on a random line, bet. secs. 19 and 30.

40.00 Set temp. ¼ sec. cor.
78.22 Intersect W. bdy. of Tp. at the cor. of secs. 19, 24,

Subdivision of T. 13 S., R. 22 E.

Chains

25 and 30, which is a granite stone, 16x12x10 ins. above ground, firmly set, marked and witnessed as described by the Surveyor General.

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

4.27 Hot Springs-Wilcox roak, bears N. and S.
7.72 Bottom of draw, course SW.
38.22 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for 1/4 sec. cor., marked on brass cap

S19
1/4
S30
1916

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

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

Land, rolling; general drainage SW.
Soil, dark, stiff clay and coarse gravel; 3rd rate.
No timber or underbrush.

N.0°06'W., bet. secs. 19 and 20, over rolling land.

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
S19 | S20
1916

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., 24 ins. in the ground, for cor. of secs. 17, 18, 19 and 20, marked on brass cap

T13S | R22E
S18 | S17
S19 | S20

1916
and raise a mound of stone, 2 ft. base, 1 1/2 ft. high, W. of cor.

Land, rolling; general drainage SW.
Soil, dark, stiff clay and coarse gravel; 3rd rate.
No timber or underbrush.

N.89°54'E., on a random line, bet. secs. 17 and 20.

40.00 Set temp. 1/4 sec. cor.
79.96 Intersect N. and S. line 3 lks. N. of the cor. of secs. 16, 17, 20 and 21.

Thence S.89°55'W., on a true line, bet. secs. 17 and 20, over rolling land;

23.76 Bottom of draw, course SW.
39.98 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for 1/4 sec. cor., marked on brass cap

S17
1/4
S20
1916

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

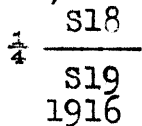
79.96 The cor. of secs. 17, 18, 19 and 20.

Chains

Land, rolling; general drainage SW.
Soil, dark, stiff clay and coarse gravel; 3rd rate.
No timber or undergrowth.

40.00 S.89°57'W., on a random line, bet. secs. 18 and 19.
Set temp. $\frac{1}{4}$ sec. cor.
78.02 Intersect W. bdy. of Tp. 5 lks. S. of the cor. of secs. 13, 18, 19 and 24, which is a granite stone, 12x10x8 ins. above ground, firmly set, marked and witnessed as described by the Surveyor General.

38.02 Thence N.89°59'E., on a true line, bet. secs. 18 and 19, 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

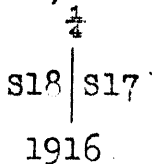


and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, N. of cor.

43.00 Bottom of draw, course SW.
77.60 Bottom of draw, course SW.
78.02 The cor. of secs. 17, 18, 19 and 20.

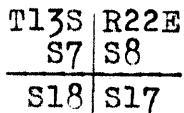
Land, rolling; general drainage SW.
Soil, dark, stiff clay and coarse gravel; 3rd rate.
No timber or underbrush.

40.00 N.0°06'W., bet. secs. 17 and 18, 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



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

47.00 Top of slope bears NE. and SW. Desc. 85 ft.
53.70 Davis Canyon, course SW. Scattering scrub oak along bottom. Asc. 140 ft., on SE. slope.
75.00 Top of slope, bears NE. and SW. Thence over rolling bench.
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, marked on brass cap



1916
and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor.

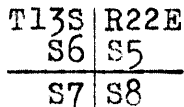
Land, rolling and broken; general drainage SW.
Soil, dark, stiff clay and coarse gravel; with cobblestones; 3rd rate.
Timber, scattering cedar and scrub oak in bottom of ravine.

40.00 N.89°59'E., on a random line, bet. secs. 8 and 17.
Set temp. $\frac{1}{4}$ sec. cor.
79.98 Intersect N. and S. line at the cor. of secs. 8, 9, 16 and 17.

Chains	
	Thence S.89°59'W., on a true line, bet. secs. 8 and 17, across top of rolling bench.
39.23	Desc. along NW. slope; top bears NE. and SW.
39.99	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
	$\frac{1}{4} \frac{S\ 8}{1916}$
	and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, N. of cor.
54.13	Davis Canyon, course SW., 115 ft. below top of slope. Scattering cedars and oak trees along bottom. Asc. 125 ft.
72.00	Top of slope, bears NE. and SW.
79.98	The cor. of secs. 7, 8, 17 and 18.
	Land, rolling and broken; general drainage SW. Soil, dark, stiff clay and coarse gravel, with cobblestones; 3rd rate. Timber, cedar and oak, along bottom of ravine.
<hr/>	
40.00	S.89°59'W., on a random line, bet. secs. 7 and 18. Set temp. $\frac{1}{4}$ sec. cor.
77.86	Intersect W. bdy. of Tp. 5 lks. N. of the cor. of secs. 7, 12, 13 and 18, which is a granite stone, 6x6x6 ins. above ground, firmly set, marked and witnessed as described by the Surveyor General.
37.86	Thence N.89°57'E., on a true line, bet. secs. 7 and 18, over rolling land; Begin gradual descent, on SE. slope. 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
	$\frac{1}{4} \frac{S\ 7}{1916}$
	and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, N. of cor.
42.06	Bottom of ravine, course SW., 175 ft. below sec. cor. Asc. 190 ft., on NW. slope.
52.86	Top of slope, bears NE. and SW.
77.86	The cor. of secs. 7, 8, 17 and 18.
	Land, rolling and broken; general drainage SW. Soil, dark, stiff clay and coarse gravel; with cobblestones; 3rd rate. Timber, scattering cedar and oak along bottom of ravine.
<hr/>	
20.00	N.0°06'W., bet. secs. 7 and 8, over rolling land. Leave rolling land, and desc. 150 ft., on NW. slope; top bears NE. and SW.
29.70	Bottom of ravine, course SW. Asc. on SE. slope.
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
	$\frac{1}{4} \frac{S7\ \ S8}{1916}$
	and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor.
50.00	Top of rolling ridge, bears NE. and SW., 200 ft. above bottom of ravine. Desc.
60.50	Bottom of ravine, 70 ft. below ridge, course SW.; heads 15 chs. NE. Asc. 55 ft.

Chains

78.00 Ridge, bears NE. and SW. Desc. on N. slope.
 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for cor. of secs, 5, 6, 7 and 8, marked on brass cap,



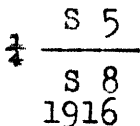
1916

and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.

Land, rolling, broken and mountainous; SW. drainage. Soil, hard, stiff clay and loose rock; 3rd and 4th rate. No timber or undergrowth.

40.00 N.89°59'E., on a random line, bet. secs. 5 and 8.
 Set temp. ¼ sec. cor.
 80.08 Intersect N. and S. line 9 lks. N. of the cor. of secs. 4, 5, 8 and 9.

Thence N.89°57'W., on a true line, bet. secs. 5 and 8, over mountainous land, through scattering cedar. Desc. 165 ft., on NW. slope.
 11.08 Bottom of ravine, course SW. Leave cedar growth, and asc. on SE. slope.
 16.84 Wire fence, bears N. and S.
 25.38 Spur, sloping SW., 115 ft. above bottom of ravine. Desc. 200 ft., on NW. slope.
 39.40 Bottom of ravine, course SW. Begin ascent of SE. slope.
 40.04 Set an iron post, 3 ft. long, 1 in. diam., in a mound of stone on solid rock, for ¼ sec. cor., marked on brass cap



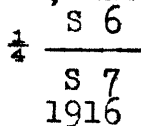
and raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor.

55.10 Ridge, bears NE. and SW., 170 ft. above bottom of ravine. Begin gradual descent.
 80.08 The cor. of secs. 5, 6, 7 and 8.

Land, mountainous and broken; general drainage SW. Soil, dark, stiff clay and loose rock; 3rd and 4th rate, with outcropping granite ledges. Timber, cedar, on E. 11 chs.

40.00 S.89°57'W., on a random line, bet. secs. 6 and 7.
 Set temp. ¼ sec. cor.
 77.61 Intersect W. bdy. of Tp. 8 lks. N. of the cor. of secs. 1, 6, 7 and 12, which is a limestone, 13x9x6 ins. above ground, firmly set, marked and witnessed as described by the Surveyor General.

Thence N.89°54'E., on a true line, bet. secs. 6 and 7, over rolling mountainous land, through scattering growth of scrub oak. Asc. 190 ft.
 18.60 Top of slope. Desc. 95 ft.
 32.60 Ft. of slope. Draw, course N. Asc.
 37.61 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for ¼ sec. cor., marked on brass cap



Chains

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

46.60 Leave scattering oak and cedar, bears NE. and SW. Asc. gradually, along N. slope of ridge.

77.61 The cor. of secs. 5, 6, 7 and 8.

Land, rolling mountainous; general drainage W. Soil, dark, stiff clay and loose rock; 3rd and 4th rate; with outcropping granite ledges. Timber, cedar and oak.

40.00 N.0°06'W., on a random line, bet. secs. 5 and 6. Set temp. ¼ sec. cor.

82.78 Intersect N. bdy. of Tp. 11 lks. W. of the cor. of secs. 5, 6, 31 and 32, hereinbefore described.

Thence S.0°01'E., on a true line, bet. secs. 5 and 6, over rolling mountainous land, through scattering cedar and scrub oak. Desc. 120 ft.

6.08 Bottom of ravine, course S.80°W. Asc. 106 ft.

22.88 Spur, slopes W. Desc. 115 ft., on S. slope.

34.33 Ravine, course W. Begin ascent on N. slope.

42.78 Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the ground and 14 ins. in a mound of stone, for ¼ sec. cor., marked on brass cap

¼

S6 | S5

1916

and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.

55.50 Spur, slopes W., 220 ft. above ravine. Desc. on S. slope.

60.86 Wire fence, bears NE. and SW.

77.33 Bottom of ravine, 300 ft. below spur, course W. Asc. 165 ft.

82.78 The cor. of secs. 5, 6, 7 and 8.

Land, mountainous; general drainage W. Soil, dark, stiff clay and loose rock; 3rd and 4th rate. Timber, scattering cedar and scrub oak along bottom of ravines.

Latitudes, Departures and Closing Errors.							
Line designated	True Course	Dist. chs.	Latitudes		Departures		
			N. chs.	S. chs.	E. chs.	W. chs.	
South Boundary	N.89°59'W.	478.54	.14			478.54	
West Boundary	North	483.05	483.05				
North Boundary	East	477.40			477.40		
East Boundary	S.0°03'E.	482.16		482.16	.42		
Convergency					.46		
Totals			483.19	482.16	478.28	478.54	
			482.16			478.28	
Error in latitude,			1.03				
Error in Departure,						.26	

General Description.

The land in the two east ranges and the NW. cor. of the township is generally rolling hills and rough mountains, with a soil of stiff, hard clay and rocks. It is covered with a medium growth of grass, and scattering scrub oak, mesquite and manzanita, with cedar and juniper. This land is valuable for grazing purposes only. The remainder of the township is rolling land, with SW. drainage. The soil is a hard, stiff clay, with small pebbles on hardpan subsoil. It is too stiff to be suitable for agricultural purposes, but furnishes good grazing.

Water exists in a spring in section 28, at F. D. Fulghum's ranch; and is found in holes and small streams in the canyons, in the rainy season.

There are two other settlers in the township, located in sections 5 and 9 respectively.

No indications of valuable mineral were noted.

BOOK 3009

CERTIFICATE OF UNITED STATES SURVEYOR.

I, Hargraves Wood, U. S. Surveyor, hereby certify upon honor that, in pursuance of special instructions received from the U. S. Surveyor General for Group 63, Arizona, bearing date of the 7th day of October, 1915, 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 the subdivision lines and the North boundary of Township 13 South, Range 22 East, of the Gila and Salt River Base and Meridian, in the State of Arizona, 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 Group 63, Arizona, and in the specific manner described in the field notes, and that the foregoing are the original field notes of such survey.

Hargraves Wood
U. S. Surveyor.

APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

....., 191

The foregoing field notes of the survey of

executed by

under his special instructions dated, 191 , 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.

.....
U. S. Surveyor General

Book "F"

Group 63, - - Arizona.

8009

4-680

Township 13 South, Range 22 East.

DATE DIAGRAM

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

Resurveyed

2764

Surveys and resurveys executed on dates shown in red on above diagram, by Ralph Gentry, U. S. Surveyor.

Surveys executed on dates shown in green on above diagram, by Hargraves Wood, U. S. Surveyor.

CERTIFICATE OF UNITED STATES SURVEYOR.

I, Ralph Gentry, U. S. Surveyor, hereby certify upon honor that, in pursuance of special instructions received from the U. S. Surveyor General for Group 63, Arizona, bearing date of the 7th day of October, 1915, 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 the subdivision lines, and resurveyed all those parts or portions of the East boundary of Township 13 South, Range 22 East,

of the Gila and Salt River Base and Meridian, in the State of Arizona, 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 Group 63, Arizona, and in the specific manner described in the field notes, and that the foregoing are the original field notes of such survey.

Ralph Gentry
U. S. Surveyor.

APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

Phoenix, Arizona, April 29, 1918.

The foregoing field notes of the survey of the North boundary and Subdivision lines and the resurvey of the East boundary of Township 13 South, Range 22 East, of the Gila and Salt River Base and Meridian, in the State of Arizona,

executed by U. S. Surveyors Ralph Gentry and Hargraves Wood, under his special instructions for Group 63, Arizona, dated Oct. 7, 1915, having been critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys and resurveys they describe, are hereby approved.

Frank P. 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.~~