

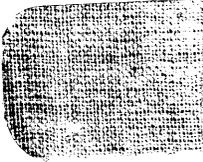
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4295

Book B.

4-679
(April 1933)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GENERAL LAND OFFICE



FIELD NOTES

BOOK 4295

OF THE

Resurvey and Survey of a Portion of the Subdivisional Lines,

Completing the Subdivision of

Township 14 South, Range 27 East.

4295

Of the Gila and Salt River Meridian,

In the State of Arizona

EXECUTED BY

Benjamin J. Kinsey, Cadastral Engineer.

General Land Office

Under special instructions dated October 5, 1938, which provided for the surveys included under Group No. 224, bearing the approval of the Commissioner of the General Land Office under date of November 18, 1938 and assignment instructions dated November 28, 1938.

Survey commenced December 7, 1938.

Survey completed April 15, 1939.

1A

BOOK 4295

INDEX DIAGRAM.

Township 14 South, Range 27 East

6	48 5	38 4	30 3	23 2	16 1
47	46	37	29	22	15
7	44 8	36 9	28 10	21 11	14 12
43	42	35	27	20	13
18	41 17	34 16	26 15	19 14	12 13
41	40	32	25	18	11
19	39 20	31 21	24 22	17 23	10 24
9	8	6	4	3	2
30	29	28	27	26	25
31	32	33	34	35	36

Township 14 South, Range 27 East.

The resurveys and surveys herein described, were executed with Buff light mountain transit, Serial No. 18,000. The instrument is equipped with full vertical circle and the improved Smith solar attachment, and otherwise conforms to the standard specifications of the General Land Office. It was approved by the district cadastral engineer on November 28, 1938, conditional upon satisfactory field tests. All of the instrumental adjustments were examined before making the field tests hereinafter described.

The directions of the lines were determined by the solar transit method, and checked wherever possible by deflection from each other. The measurements were made with a Dietzgen steel tape, 5 chs. in length, graduated every link for the first 100 lks., and thereafter at intervals of 10 lks. The tape was tested by comparison with a Lufkin standard and found correct. The measurements were made on the slope and the vertical angle of each interval was ascertained with the transit or with a clinometer in good adjustment. The horizontal equivalents are entered in the field note record.

The data furnished with the special instructions give the geographical position of the SE. cor. of T.14 S., R.27 E., G. & S.R. Meridian, Arizona, as follows: latitude $32^{\circ}09'40''$ N., and longitude $109^{\circ}32'04''$ W.

December 4, 1938, at camp near the center of sec. 27, T.14 S., R.27 E., at 2h 50m a.m., l.m.t., observe Polaris at western elongation, making four observations, two each with the telescope in direct and reversed positions, and marking the mean point in the line thus determined by a tack set in top of a peg driven firmly in the ground about 5 chs. N. After sunrise I lay off the azimuth of Polaris, $1^{\circ}13'$, and make a meridian mark on a second peg to the east of the mean point in the line determined by the observation.

At 9h 0m a.m., app.t., set off $32^{\circ}11'N$, on the latitude arc; $22^{\circ}11'S$, on the decl. arc; and orient the instrument with the solar; the line of sight agrees with the meridian established by Polaris observation.

At app. noon, with lat. arc unchanged; observe the sun on the meridian; the resultant reading of the decl. arc is $22^{\circ}13'S$, which agrees with the computed declination of the sun.

At 3h 0m p.m., app.t., with lat. arc unchanged, set off $22^{\circ}13'S$, on the decl. arc; and repeat the test of the solar; the line of sight agrees with the meridian established by Polaris observation.

As all of the observations taken during the usual hours of solar work agree within 1' of the true meridian, conclude that the instrument is in satisfactory adjustment.

December 4, 1938.

Dec. 11, 1938, at the above station, in order to verify the latitude and the reading of my watch, make a meridian observation of the sun, first setting on the lower limb and noting the transit of the west limb, then, after reversal of the instrument, setting on the upper limb and noting the transit of the east limb, as follows:

Mean observed altitude	$34^{\circ}50'15''$
Reduced latitude	$32^{\circ}11'14''$
Mean watch time of obsn.	12h 13m 5s.
Watch fast of l.m.t.	20m 00s.
Same by calculated diff. in long.	18m 18s.

Resurvey of Part of Subdivision of T.14 S., R.27 E.

chains

Reestablishment of surveys executed by J. B. Wright, Deputy Surveyor, in 1907.

Owing to errors in alinement and measurement in the second latitudinal section line thru the Tp., the old cors., with the exception of the $\frac{1}{4}$ sec. cor. secs. 23 and 26, are altered to refer to areas south only; new cors. are established referring to areas north at 40 ch. intervals in departure counting from the east bdy. of the Tp.

Preliminary to the resurvey the lines of the original survey are retraced and diligent search is made for all original corners. Identified corners of the original survey are remonumented in their original positions. All lost corners are reestablished at proportionate positions, based on the record of the original survey. The retracement data are thoroly verified and only the true line notes are given herein.

From the cor. of secs. 24 and 25, T.14 S., R.27 E.; an iron post, 3 ins. diam., firmly set, marked and witnessed as described in the field notes of the resurvey of a portion of the E. bdy. of T.14 S., R.27 E.

S.89°45'W., on true line on the N. bdy. of sec. 25.

Over mountainous land, thru scattering timber and undergrowth.

Desc. 289 ft. over SW. slope.

7.90 Wash, 10 lks. wide, course NW.; asc. 430 ft. over NE. slope.

39.72 Proportional distance,

Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, for $\frac{1}{4}$ sec. cor. of sec. 25, only, with brass cap mkd.

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

1938

from which

A cross (X) with 6 in. arms, chiseled into face of outcropping granite ledge, bears South, 3 lks. dist.

No bearing trees available.

Continue slight ascent over NE. slope.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, for $\frac{1}{4}$ sec. cor. of sec. 24, only, with brass cap mkd.

$\frac{1}{4}$ S 24

1938

raise a mound

of stone, 4 ft. base, 2 ft. high, N. of cor.

Asc. 675 ft. over broken NE. slope.

79.44 The cor. of secs. 23, 24, 25 and 26, which is a granite stone, 20x16x6 ins., loosely set in a mound of stone, faintly marked with 1 notch on east, and 2 notches on south edge. This cor. now becomes the cor. of secs. 25 and 26, only.

At point for cor. of secs. 25 and 26, ...

Resurvey of Part of Subdivision of T. 14 S., R. 27 E.

Chains. Set an iron post, 3 ft. long, 2 ins. diam., 18 ins. in the ground to bedrock, with the old corner stone buried alongside and in a mound of stone to top, for cor. of secs. 25 and 26 only, with brass cap mkd.

T14SR27E

S 24

S 26 | S 25

1938

from which

An oak, 10 ins. diam., bears S: 73° E.; 167 lks. dist., mkd. T 14 S R 27 E S 25 B T.

No other bearing tree available.

Land; mountainous.

Soil, rocky; 4th. rate.

Timber; juniper, pinon, oak and cottonwood; undergrowth, oak brush, manzanita and cactus.

N. 89° 18' W., on true line on N. bdy. of sec. 26.

Over mountainous land, through scattering timber and undergrowth.

0.56 At this point, which is 80.00 chs. from the SE. cor. of sec. 24.

Set an iron post, 3 ft. long, 2 ins. diam., 18 ins. in the ground to bedrock, and in a mound of stone to top, for cor. of secs. 23 and 24 only, with brass cap mkd.

T14SR27E

S 23 | S 24

S 26

1938

from which

An oak, 12 ins. diam., bears N. 63° W., 127 lks. dist., mkd. T14S R27E S23 B T.

A juniper stump, 2 ft. high, 7 ft. diam., bears N. 43° E., 23 lks. dist., mkd. T14S R27E S24 B T.

Asc. 129 ft. over NE. slope.

9.56 Ridge, bears NW. and SE.; desc. 382 ft. over SW. slope.

29.56 Thence along south slope.

34.60 Spur, slopes SW.; desc. 134 ft. over NW. slope; a wire fence bears N. and S.

40.56 Proportional dist. on N. bdy. of sec. 26, which coincides with 40.00 chs.

Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the ground to bedrock, with a stone mkd. X deposited at the base, and in a mound of stone to top, for $\frac{1}{4}$ sec. cor. of secs. 23 and 26, with brass cap mkd.

$\frac{1}{4}$ S 23

S 26

1938

This cor. is about 50 lks. south of E. and W. fence.

Resurvey of Part of Subdivision of T. 14 S., R. 27 E.

Chains.

Desc. 725 ft. over NW. slope, just below top of spur.

69.10 Wash, 10 lks. wide, course SW. A spring of good water at trough, bears N. 30° E., 2.50 chs. dist.

Asc. 47 ft. over SE. slope.

74.50 Spur, slopes S.; desc. 70 ft. over W. slope.

77.40 Wash, 10 lks. wide, course SW.; asc. 65 ft. over SE. slope.

80.56 At this point which is 80.00 chs. from the SE. cor. of sec. 23.

Set an iron post, 3 ft. long, 2 ins. diam., 18 ins. in the ground to bedrock, with a stone mkd. X, deposited at the base, and in a mound of stone to top, for cor. of secs. 22 and 23 only, with brass cap mkd.

T14SR27E

S 22 | S 23

S 26

1938

No bearing trees available.

This cor. is set about 2 lks. S. of E. and W. fence.

81.12 The cor. of secs. 22, 23; 26 and 27, which is a porphyry stone, 20x10x8 ins., mkd. with 2 notches on E. and 2 notches on S. edge, firmly set in a mound of stone. This cor. now refers to secs. 26 and 27 only.

At point for cor.

Set an iron post, 3 ft. long, 2 ins. diam., 26 ins. in the ground, with the old corner stone buried alongside, for cor. of secs. 26 and 27 only, with brass cap mkd.

T14SR27E

S 22

S 27 | S 26

1938

of stone; 4 ft. base, 2 ft. high, S. of cor. rebuild the mound

This cor. is located under a wire fence which bears E. and W.

Land, mountainous.

Soil, rocky, 4th. rate.

Timber, oak, juniper and cottonwood; undergrowth, oak brush and cactus.

S. 89° 56' W., on true line on N. bdy. of sec. 27.

Over mountainous land, through scattering timber and undergrowth.

Along wire fence; asc. gradual SE. slope.

9.50 Spur, slopes SW.; desc. 197 ft. over NW. slope.

Resurvey of Part of Subdivision of T. 14 S., R. 27 E.

Chains.	
10.00	Leave fence, turns NW.
18.50	Old mine road, bears N. and SW.
22.20	Wash, 15 lks. wide, course S. 20° W.; asc. 68 ft. over SE. slope.
23.30	Old mine road, bears N. and SW.
26.30	Wire fence, bears N. and S.
32.00	Spur, slopes S.; desc. 166 ft. over SW. slope.
38.00	Wash, 20 lks. wide, course S.; asc. gradually over SE. slope.
39.44	At this point which is 40.00 chs. from the SE. cor. of sec. 22. Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, for $\frac{1}{4}$ sec. cor. of sec. 22 only, with brass cap mkd. <u>$\frac{1}{4}$ S 22</u> 1938 raise a mound of stone, 4 ft. base, 2 ft. high, N. of cor. No bearing trees available. Asc. slightly over SE. slope.
39.67	The $\frac{1}{4}$ sec. cor. of secs. 22 and 27, which is a stone, 18x10x8 ins., firmly set, mkd. $\frac{1}{4}$ on N. face and witnessed by a mound of stone N. of cor. This cor. now refers to sec. 27 only. At point for cor. Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the ground to bedrock, with the old corner stone buried alongside, and in a mound of stone to top, for $\frac{1}{4}$ sec. cor. of sec. 27 only, with brass cap mkd. <u>$\frac{1}{4}$ S 27</u> 1938 raise a mound of stone, 4 ft. base, 2 ft. high, S. of cor. Thence S. 88° 42' W., on true line bet. secs. 22 and 27. Asc. 44 ft. over SE. slope.
7.60.	Spur, slopes S.; thence along S. slope.
15.00	Wash, 10 lks. wide, course S. 60° E.; asc. 362 ft. over SE. slope.
21.70	Wire fence, bears NW. and SE.
27.60	Wash, 10 lks. wide, course SW.; asc. 10 ft. over SE. slope.
39.78.	At this point, which is 80.00 chs. in departure from the SE. cor. of sec. 22, the true point for cor. of secs. 21 and 22 only, falls in wash, 20 lks. wide, course SW., a place unsuitable for permanent corner.

Resurvey of Part of Subdivision of T. 14 S., R. 27 E.

Chains. 40.18	Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground, for witness cor. of secs. 21 and 22 only, with brass cap. mkd.
	<p style="text-align: center;">T14SR27E S 21 S 22 ----- WC S 27 1938</p>
	raise a mound of stone, 4 ft. base, 2 ft. high, N. of cor.
40.68	The cor. of secs. 21, 22, 27 and 28, which is a porphyry stone, 20x10x8 ins., mkd. with 3 grooves on E. and 2 grooves on S. face, firmly set in a mound of stone. This cor. now refers to secs. 27 and 28 only.
	At point for cor.
	Set an iron post, 3 ft. long, 2 ins. diam., 6 ins. in the ground to bedrock, with the old corner stone buried alongside, and in a mound of stone to top, for cor. of secs. 27 and 28 only, with brass cap mkd.
	<p style="text-align: center;">T14SR27E S 21 ----- S 28 S 27 1938</p>
	No suitable bearing trees available.
	This cor. is on a low spur sloping south.
	Land, mountainous. Soil, rocky, 4th. rate. Timber, oak, juniper; undergrowth, oak brush and cactus.
	S. 89° 56' W., on true line on N. bdy. of sec. 28.
	Over mountainous land, through scattering timber and undergrowth.
	Desc. gradual SW. slope.
2.90	Wash, 15 lks. wide, course SE.; asc. 85 ft. over SE. slope.
17.00	Spur, slopes S.; desc. 137 ft. over SW. slope.
19.80	Trail, bears N. and S.; ends to N. at tunnel 1 ch. dist.
22.20	Draw, 10 lks. wide, drains SW.; asc. 43 ft. over SE. slope.
26.10	Ridge, bears N. and S.; desc. 45 ft. over W. slope.
39.10	At this point, which is 40.00 chs. from the SE. cor. of sec. 21.
	Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the ground to bedrock, with a stone mkd. X deposited at the base, and in a mound of stone to top, for $\frac{1}{4}$ sec. cor. of sec. 21 only, with brass cap mkd.

Resurvey of Part of Subdivision of T. 14 S., R. 27 E.

1933

Chains

1/4 S 21

1938

Continue on slight descent over W. slope.

40.00

The 1/4 sec. cor. of secs. 21 and 28, as evidenced by a cross (X) and 1/4 mkd. on a boulder 5x5x4 ft. in place. This cor. now refers to sec. 28 only.

Old bearing tree:

An oak, 24 ins. diam., bears S. 75° 45' W., 70 lks. dist., mkd. 1/4 S 28 B T.

At a point on N. edge of marked boulder, 4 lks. N. of true point for cor.

Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the ground to bedrock, and in a mound of stone to top, for witness 1/4 sec. cor. of sec. 28 only, with brass cap mkd.

WC 1/4 S 28

1938

Thence from true point

S. 89° 38' W., on true line on N. bdy. of sec. 28.

Desc. 20 ft. over W. slope.

9.60

Wire fence, bears N. 30° E. and S 30° W.; leave mountainous land and enter rolling valley.

10.00

Enter valley, bears NE. and SW.

12.20

Power line, bears N. 35° E. and S. 35° W.

12.60

Road, bears N. and SW.

15.00

Wash, 20 lks. wide, course SW.

16.40

Road, bears N. 30° E. and S. 30° W.

27.70

Telephone line, bears N. 35° E. and S. 35° W.

36.40

Wash, 15 lks. wide, course SE.; asc. 49 ft. over NE. slope.

39.10

At this point, which is 80.00 chs. from the SE. cor. of sec. 21.

Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground, for cor. of secs. 20 and 21 only, with brass cap mkd.

T14SR27E

S 20 | S 21

S 28

1938

raise a mound

of stone, 4 ft. base, 2 ft. high, N. of cor.

Asc. gradual NE. slope.

40.03

The cor. of secs. 20, 21, 28 and 29, which is a granite stone, 15x12x9 ins., firmly set, mkd. with 4 notches on east and 2 notches on south edge. This cor. now refers to secs. 28 and 29 only.

At point for cor.

Set an iron post, 3 ft. long, 2 ins. diam., 18 ins. in the ground to bedrock, with the old corner stone buried alongside and in a mound of stone to top, for cor. of secs. 28 and 29 only, with brass cap mkd.

Resurvey of Part of Subdivision of T. 14 S., R. 27 E.

Chains.

T14SR27E
 S 20
 S 29 | S 28
 1938

from which

Original bearing trees:

A juniper, 6 ins. diam., bears S. 57° W., 26 lks. dist., mkd. T14S R27E S29 B T.

An oak, 12 ins. diam., bears N. 12° E., 205 lks. dist., mkd. T14S R27E S21 B T.

New bearing trees:

An oak, 8 ins. diam., bears S. 27° E., 174 lks. dist., mkd. T14S R27E S28 B T.

An oak, 6 ins. diam., bears S. 89½° W., 77 lks. dist., mkd. T14S R27E S29 B T.

Land, mountainous.

Soil, rocky, 4th. rate.

Timber, none except a growth of cottonwood along larger washes; undergrowth, oakbrush and cactus.

N. 89° 57' W., on true line on N. bdy. of sec. 29.

Over mountainous land, through scattering timber and undergrowth.

Asc. 25 ft. over NE. slope.

2.07 Spur, slopes NW.; desc. 65 ft. over NW. slope.

8.27 Tramway, bears N. 26° E. and S. 26° W., and wash, 30. lks. wide, course SW.; asc. 345 ft. over SE. slope.

28.00 Spur, slopes S.; thence along broken S. slope, through dense undergrowth.

36.17 Desc. 15 ft. over SW. slope.

39.07 At this point, which is 40.00 chs. from the SE. cor. of sec. 20.

Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the ground to bedrock, with a stone mkd. X deposited at the base, and in a mound of stone to top, for ¼ sec. cor. of sec. 20 only, with brass cap mkd.

¼ S 20

1938

Along nearly level S. slope.

40.29 Proportional distance,

Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the ground to bedrock, with a stone mkd. X deposited at the base, and in a mound of stone to top, for ¼ sec. cor. of sec. 29 only, with brass cap mkd.

¼ S 29

1938

Resurvey of Part of Subdivision of T. 14 S., R. 27 E.

Chains.	
36.00	Spur, slopes S.; desc. 123 ft. over W. slope.
38.49	At this point which is 40.00 chs. from the SE. cor. of sec. 19. Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the ground to bedrock, with a stone, mkd. X deposited at the base, and in a mound of stone to top, for $\frac{1}{4}$ sec. cor. of sec. 19 only, with brass cap mkd. $\frac{1}{4}$ S 19 1938 No bearing trees available.
40.03	The $\frac{1}{4}$ sec. cor. of secs. 19 and 30, which is a granite stone, 8x12x14 ins., firmly set, mkd. $\frac{1}{4}$ on N. face, with md. of stone N. of cor. This $\frac{1}{4}$ sec. cor. now refers to sec. 30 only. At point for cor. Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the ground to bedrock, with the old corner stone buried alongside, and in a mound of stone to top, for $\frac{1}{4}$ sec. cor. of sec. 30 only, with brass cap mkd. $\frac{1}{4}$ S 30 1938 Thence N. 89° 52' W. on true line. Desc. 482 ft. over W. slope.
17.10	Wire fence, bears N. 70° E. and S. 70° W.
20.60	Wash, 20 lks. wide, course SW.
30.70	Wash, 10 lks. wide, course SW.; continue descent.
39.90	The cor. of secs. 19, 24, 25 and 30, on W. bdy. of the Tp., which is a limestone, 30x24x12 ins., firmly set, mkd. and witnessed as described in the field notes of that portion of the W. bdy. of T. 14 S., R. 27 E., resurveyed in 1907. Land, mountainous. Soil, rocky, 4th. rate. Timber, oak and mesquite; undergrowth, oakbrush and cactus.
Survey of a Portion of Subdivision of T. 14 S., R. 27 E. -----	
Preliminary to the completion of the subdivision lines of T.14 S., R.27 E., survey a governing section line from the cor. of secs. 13 and 24, on E. bdy. of the Tp., S.89°55'W., 400.00 chs. on a computed course setting temp. $\frac{1}{4}$ sec. and sec. cors. alternately at intervals of 40.00 chs. thereon, and the remaining mile run random and true as the cor. of secs. 13, 18, 19 and 24, on the W. bdy. of Tp., is not defective in position. -----	
From the cor. of secs. 23 and 24. N, 0° 01' W., bet. secs. 23 and 24,	

Survey of a Portion of Subdivision of T. 14 S., R. 27 E.

1290

- Chains Over mountainous land, through scattering timber and undergrowth.
- Desc. 350 ft. over steep NE. slope.
- 7.00 Wash, 15 lks. wide, course E.; asc. 389 ft. over broken SE. slope.
- 30.00 Spur, slopes E.; desc. 351 ft. over NW. slope.
- 40.30 Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap mkd.

$$\begin{array}{c} \frac{1}{4} \\ \hline S23 | S24 \\ 1938 \end{array}$$

from which

An oak, 6 ins. diam., bears N.43°W., 8 lks. dist., mkd. $\frac{1}{4}$ S 23 BT.

An oak, 6 ins. diam., bears S.13°E., 11 lks. dist., mkd. $\frac{1}{4}$ S 24 BT.

Desc. 276 ft. over rough NW. slope.

- 47.30 Ravine, 5 lks. wide, in bottom, course NE.; asc. 41 ft. over SE. slope.
- 50.20 Toe of spur, slopes NE.; desc. 970 ft. over NE. slope.
- 79.70 Wash, 20 lks. wide, course N.10°W.; asc. 10 ft. over NW. slope.
- 80.30 Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground, for cor. of secs. 13, 14, 23 and 24, with brass cap mkd.

$$\begin{array}{c} T14SR27E \\ \hline S14 | S13 \\ \hline S23 | S24 \\ 1938 \end{array}$$

from which

An oak, 8 ins. diam., bears N.23°W., 127 lks. dist., mkd. T14S R27E S14 BT.

An oak, 6 ins. diam., bears N.66°E., 31 lks. dist., mkd. T14S R27E S13 BT.

An oak, 6 ins. diam., bears S.30°E., 18 lks. dist., mkd. T14S R27E S24 BT.

An oak, 10 ins. diam., bears S.34°W., 119 lks. dist., mkd. T14S R27E S23 BT.

Land, mountainous.

Soil, rocky 4th rate.

Timber, oak and juniper; undergrowth, oak brush.

From cor. of secs. 13 and 24, on E. bdy. of Tp., which is an iron post, 3 ins. diam., firmly set, projecting 16 ins. above ground and in a mound of stone, mkd. and witnessed as described in the field notes of the survey of subdivision of T. 14 S., R. 28 E., under this group. S.89°55'W., on true line bet. secs. 13 and 24, on governing section line.

Survey of a Portion of Subdivision of T. 14 S., R. 27 E.

Chains Over mountainous land, through heavy timber and undergrowth.
 Desc. 75 ft. over W. slope.

9.60 Frame house of Robert Lee, bears N. about 50 lks. dist.

11.20 A well, bears S. 10 lks. dist.

15.50 Wash, 20 lks. wide, course SW.

17.50 Wash, 20 lks. wide, course N.70°W.; asc. 218 ft. over NE. slope.

21.30 Wire fence, bears N. and S.

34.00 Spur, slopes N.; desc. 72 ft. over W. slope.

38.60 Wash, 10 lks. wide, course N.; asc. 40 ft. over NE. slope.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the ground to bedrock, and in a mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap mkd.

$\frac{1}{4}$ S 13
S 24

1938

from which

An oak, 6 ins. diam., bears S.33°W., 15 lks. dist., mkd. $\frac{1}{4}$ S 24 BT.

An oak, 8 ins. diam., bears N.18°W., 60 lks. dist., mkd. $\frac{1}{4}$ S 13 BT.

Cor. falls on spur, slopes N.

Desc. 30 ft. over NW. slope.

43.40 Wash, 20 lks. wide, course NE.; asc. 823 ft. over E. slope.

60.60 Spur, slopes N.; desc. 569 ft. over W. slope.

80.00 The cor. of secs. 13, 14, 23 and 24.

Land, mountainous.
 Soil, rocky 4th rate.
 Timber, juniper, oak and cottonwood; undergrowth, oak-brush, manzanita and cottonwood.

N.0°01'W., bet. secs. 13 and 14.

Over mountainous land, through heavy timber and undergrowth.

Desc. 30 ft. over NW. slope.

.90 Wash, 20 lks. wide, course N.20°E.; asc. 80 ft. over SE. slope.

8.00 Spur, slopes NE.; desc. 224 ft. over NE. slope.

20.60 Head of wash, course SE.; asc. 96 ft. over S. slope.

26.60 Knoll on spur, from S.20°W.; desc. 42 ft. over NW. slope.

29.70 Slope changes to NE.; continue descending 387 ft. over same.

Survey of a Portion of Subdivision of T. 14 S., R. 27 E.

Chains

40.00

Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the ground to bedrock, and in a mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap mkd.

$$\begin{array}{c} \frac{1}{4} \\ | \\ S14 \quad | \quad S13 \\ | \\ 1938 \end{array}$$

from which

An oak, 16 ins. diam., bears N.73°W., 51 lks. dist., mkd. $\frac{1}{4}$ S 14 BT.

An oak, 6 ins. diam., bears N.80°E., 18 lks. dist., mkd. $\frac{1}{4}$ S 13 BT.

Desc. 40 ft. over NE. slope.

41.40

Wash, 25 lks. wide, course NE.; asc. 162 ft. over broken SE. slope.

60.80

Spur, slopes NE.; desc. 62 ft. over N. slope.

69.00

Wash, 10 lks. wide, course SE.; asc. 432 ft. over SE. slope.

80.00

Set an iron post, 3 ft. long, 2 ins. diam., 20 ins. in the ground to bedrock, with a stone mkd. X, deposited at the base, and in a mound of stone to top, for cor. of secs. 11, 12, 13 and 14, with brass cap mkd.

$$\begin{array}{c} T14SR27E \\ S11 \quad | \quad S12 \\ | \\ S14 \quad | \quad S13 \\ | \\ 1938 \end{array}$$

from which

An oak, 12 ins. diam., bears S.70°E., 227 lks. dist., mkd. T14S R27E S13 BT.

An oak, 8 ins. diam., bears N.70°W., 45 lks. dist., mkd. T14S R27E S11 BT.

A juniper, 14 ins. diam., bears N.82°E., 196 lks. dist., mkd. T14S R27E S 12 BT.

No other bearing tree available.

Land, mountainous.

Soil, rocky 4th rate.

Timber, juniper, oak and cottonwood; undergrowth, oakbrush, manzanita. and cacti.

N.89°55'E., on a random line bet. secs. 12 and 13.

40.00

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

80.10

The cor. of secs. 12 and 13 on E. bdy. of the Tp., which is an iron post, 3 ins. diam., projecting 14 ins. above ground and mound of stone, firmly set, mkd. and witnessed as described in the official record.

Thence

S.89°55'W., on true line bet. secs. 12 and 13.

Survey of a Portion of Subdivision of T. 14 S., R. 27 E.

BOOK 4295

- Chains Over mountainous land, through thick timber and undergrowth.
- Asc. slight NE. slope along N. edge of wire fence, which bears E. and W.
- 1.20 Spur at head, slopes NW.; desc. 33 ft. over SW. slope.
- 10.00 Fence turns, N.80°W.
- 13.60 Wash, 10 lks. wide, course NW.; asc. 41 ft. over NE.slope.
- 20.00 Spur, slopes NW.; desc. 178 ft. over SW. slope.
- 27.50 Main wash, 4 chs. wide, course NE.
- 28.00 Old road, bears NE. and SW.; old well bears 70 lks. N. Asc. 92 ft. over E. slope.
- 40.05 Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the ground to bedrock, and in a mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap mkd.

$\frac{1}{4}$ S 12.
S 13

1938

from which

An oak, 6 ins. diam., bears N.24 $\frac{1}{2}$ °W., 115 lks. dist., mkd. $\frac{1}{4}$ S 12 BT.

An oak, 6 ins. diam., bears S.3 $\frac{1}{2}$ °E., 89 lks. dist., mkd. $\frac{1}{4}$ S 13 BT.

Asc. 960 ft. over NE. slope.

- 74.00 Spur, slopes SE.; desc. 40 ft. over S. slope.
- 80.10 The cor. of secs. 11,12,13 and 14.

Land, mountainous.
Soil, rocky 4th rate.
Timber, oak, juniper and cottonwood; undergrowth, oak-brush, manzanita and cacti.

N.0°01'W., bet. secs. 11 and 12.

Over mountainous land, through heavy timber and undergrowth.

Asc. 84 ft. over S. slope.

- 3.00 Spur, slopes SE.; desc. 617 ft. over NE. slope.
- 24.00 Spur, slopes NE.; desc. gradual NW. slope.
- 27.00 Wash, 20 lks. wide, course NE.; asc. 72 ft. over SE. slope.
- 35.50 Toe of spur, slopes NE.; desc. 78 ft. over NW. slope.
- 40.00 Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap mkd.

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

1938

from which

Survey of a Portion of Subdivision of T. 14 S., R. 27 E.

Chains	<p>An oak, 8 ins. diam., bears N.11$\frac{1}{4}$°W., 104 lks. dist., mkd. $\frac{1}{4}$ S 11 BT.</p> <p>An oak, 8 ins. diam., bears S.69$\frac{1}{2}$°E., 117 lks. dist., mkd. $\frac{1}{4}$ S 12 BT.</p> <p>Desc. 151 ft. over NE. slope.</p>								
49.25	Old road, bears NW. and SE.								
51.80	Wash, 50 lks. wide, course SE.; asc. 677 ft. over SW. slope.								
78.00	Spur, slopes SE. from N.; ascend gradually to cor.								
80.00	Set an iron post, 3 ft. long, 2 ins. diam., 18 ins. in the ground to bedrock, with a stone mkd. X, deposited at the base, and in a mound of stone to top, for cor. of secs. 1, 2, 11 and 12, with brass cap mkd.								
	<table style="margin-left: auto; margin-right: auto;"> <tr><td colspan="2" style="text-align: center;">T14SR27E</td></tr> <tr><td style="text-align: center;">S 2</td><td style="text-align: center;">S 1</td></tr> <tr><td style="text-align: center;">S11</td><td style="text-align: center;">S12</td></tr> <tr><td colspan="2" style="text-align: center;">1938</td></tr> </table> <p style="text-align: right;">from which</p> <p>An oak, 8 ins. diam., bears S.70°E., 29 lks. dist., mkd. T14S R27E S12 BT.</p> <p>An oak, 4 ins. diam., bears S.4°W., 15 lks. dist., mkd. T14S R27E S11 BT.</p> <p>An oak, 10 ins. diam., bears N.43°W., 64 lks. dist., mkd. T14S R27E S2 BT.</p> <p>No other bearing tree available.</p> <p>Land, mountainous. Soil, rocky, 4th rate. Timber, oak and juniper; undergrowth, oak brush and cacti.</p>	T14SR27E		S 2	S 1	S11	S12	1938	
T14SR27E									
S 2	S 1								
S11	S12								
1938									
	N.89°55'E., on a random line bet. secs. 1 and 12.								
40.00	Set temp. $\frac{1}{4}$ sec. cor.								
80.00	The cor. of secs. 1 and 12 on E. bdy. of the Tp., which is an iron post, 3 ins. diam., projecting 20 ins. above ground and mound of stone, firmly set, mkd. and witnessed as described in the official record.								
	Thence								
	S.89°55'W., on true line bet. secs. 1 and 12.								
	Over mountainous land, through scattering timber and undergrowth.								
	Desc. 297 ft. over SW. slope.								
4.70	Wash, 10 lks. wide, course SE.; asc. gradual NE. slope.								
8.80	Spur, slopes S.; desc. gradual SW. slope.								
11.00	Wash, 10 lks. wide, course SE.; asc. 682 ft. over NE. slope.								
40.00	Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap mkd.								

Chains

$\frac{1}{4}$ $\frac{S 1}{S 12}$
1938

from which

An oak, 10 ins. diam., bears N.72 $\frac{1}{2}$ °W., 45 lks. dist.,
mkd. $\frac{1}{4}$ S1 BT.

An oak, 10 ins. diam., bears S.32 $\frac{1}{2}$ °W., 36 lks. dist.,
mkd. $\frac{1}{4}$ S12 BT.

Ascend 223 ft. over E. slope.

- 48.00 Spur, slopes SE.; desc. 306 ft. over SE. slope.
- 70.60 Wash, 15 lks. wide, course S.; asc. 208 ft. over E. slope.
- 80.00 Cor. of secs. 1, 2, 11 and 12.

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

N.0°01'W., bet. secs. 1 and 2.

Over mountainous land, through scattering timber and undergrowth.

Asc. 544 ft. over SE. slope.

- 23.30 Ridge, bears N.60°W. and SE.; desc. 44 ft. over NE. slope.
- 23.40 Wire fence, bears N.60°W. and SE.
- 27.00 Wash, 5 lks. wide, course NE.; asc. 32 ft. over SE. slope.
- 37.00 Spur, slopes NE.; desc. 34 ft. over NW. slope.
- 40.00 Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the ground to bedrock, and in a mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap mkd.

$\frac{1}{4}$
S 2 | S 1
1938

from which

An oak, 6 ins. diam., bears N.15°W., 57 lks. dist.,
mkd. $\frac{1}{4}$ S 2 BT.

An oak, 8 ins. diam., bears N.7°E., 98 lks. dist.,
mkd. $\frac{1}{4}$ S 1 BT.

Desc. 244 ft. over NW. slope.

- 49.60 Wash, 15 lks. wide, course NE.; asc. 156 ft. over SE. slope.
- 69.30 Spur, slopes NE.; desc. 296 ft. over NE. slope.
- 81.94 Intersect N. bdy. of the Tp., 23 lks. E. of cor. of secs. 1, 2, 35 and 36, which is an iron post, 3 ins. diam., 12 ins. above ground, firmly set, marked and witnessed as described in the official record. Alter this cor. monument to refer to N. area only by changing marks on brass cap to read:

Survey of a Portion of Subdivision of T. 14 S., R. 27 E.

Chains

T13SR27E
S35 | S36

S 2

T14S

1939

1914

rebuild the mound

of stone, 2 ft. base, 1½ ft. high, N. of cor.

At point of intersection,

Set an iron post, 3 ft. long, 2 ins. diam., 8 ins. in the ground to bedrock, and in a mound of stone to top, for closing cor. of secs. 1 and 2, with brass cap mkd.

T13SR27E
S 36

S 2 | S 1

C | C

T14SR27E

1939

from which

An oak, 12 ins. diam., bears S.77°E., 83 lks. dist., mkd. T14S R27E S1 CC BT. (This is the old bearing tree with C C added.)

No other bearing tree available.

Land, mountainous.

Soil, rocky, 4th rate.

Timber, juniper, pinon and oak; undergrowth, oak brush, manzanita and cacti.

From the cor. of secs. 22 and 23.

N.0°01'W., bet. secs. 22 and 23.

Over mountainous land, through scattering timber and undergrowth.

Asc. 293 ft. over SE. slope.

11.50 Ridge, bears N.48°E. and S.48°W.; desc. 100 ft. over NW. slope.

17.20 Gulch, 10 lks. wide, course SW.; asc. 437 ft. over SE. slope.

19.90 Trail, bears NE. and SW.

29.00 Spur, slopes S.30°W.; asc. 98 ft. over W. slope.

39.40 Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the ground to bedrock, with a stone mkd. X, deposited at the base, and in a mound of stone to top, for ¼ sec. cor., with brass cap mkd.

¼

S22 | S23

1938

No bearing trees available.

Asc. 445 ft. over SW. slope.

44.90 Shallow wash, drains SW.

Chains

57.00

Saddle in divide, bears NW. and SE.; desc. 636 ft. over NE. slope.

79.40

Set an iron post, 3 ft. long, 2 ins. diam., 18 ins. in the ground to bedrock, with a stone mkd. X, deposited at the base, and in a mound of stone to top, for cor. of secs. 14, 15, 22 and 23, with brass cap mkd.

T14SR27E	
S15	S14
+	
S22	S23
1939	

from which

An oak, 8 ins. diam., bears N.70°W., 46 lks. dist., mkd. T14S R27E S15 BT.

An oak, 4 ins. diam., bears S.5°E., 26 lks. dist., mkd. T 14 S R27E S23 BT.

An oak, 6 ins. diam., bears S.85°W., 13 lks. dist., mkd. T14S R27E S22 BT.

No other bearing tree available.

Land, mountainous.

Soil, rocky, 4th rate.

Timber, oak, juniper and pinon; undergrowth, oak brush, manzanita and cacti.

From the cor. of secs. 13, 14, 23 and 24.

S.89°55'W., on true line bet. secs. 14 and 23, on governing section line.

Desc. 12 ft. over NW. slope.

.30

Wash, 20 lks. wide, course N.20°E.; asc. 224 ft. over NE. slope.

9.50

Spur, slopes NE.; desc. 200 ft. over W. slope.

16.10

Wash, 10 lks. wide, course N.; asc. 254 ft. over NE. slope.

29.00

Spur, slopes NE.; desc. 210 ft. over NW. slope.

40.00

True point for 1/4 sec. cor. falls in wash, 20 lks. wide, course NE.; an unsuitable place for cor.

40.50

Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, for witness 1/4 sec. cor., with brass cap mkd.

1/4	S 14	WC
	S 23	
	1938	

from which

An oak, 6 ins. diam., bears S.60°E., 2 lks. dist., mkd. WC 1/4 S 23 BT.

An oak, 8 ins. diam., bears N.45°W., 2 lks. dist., mkd. WC 1/4 S 14 BT.

Asc. 597 ft. over NE. slope, through dense brush.

Survey of a Portion of Subdivision of T. 14 S., R. 27 E.

Chains

- 60.00 Spur, slopes NE.; desc. 141 ft. over NW. slope.
- 72.50 Ravine, 10 lks. wide, course N.; asc. 141 ft. over NE. slope.
- 80.00 The cor. of secs. 14, 15, 22 and 23.
- Land, mountainous.
Soil, rocky, 4th rate.
Timber, oak, juniper and pinon; undergrowth, oak brush.
-
- N.0°01'W., bet. secs. 14 and 15.
- Over mountainous land, through heavy timber and undergrowth.
- Desc. 72 ft. over NE. slope.
- 2.25 Wash, 15 lks. wide, course N.70°E.; asc. 264 ft. over SE. slope.
- 9.80 Spur, slopes SE.; desc. 65 ft. over NE. slope.
- 13.80 Wash, 10 lks. wide, course SE.; asc. 267 ft. over SE. slope.
- 25.00 Spur, slopes E.; desc. 67 ft. over NE. slope.
- 31.30 Gulch, 10 lks. wide, course SE.; asc. 106 ft. over SE. slope.
- 37.30 Spur, slopes E.; desc. 44 ft. over NW. slope.
- 40.00 Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the ground to bedrock, and in a mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap mkd.

$\frac{1}{4}$
 S15 | S14
 1938

from which

A juniper, 16 ins. diam., bears N.30°E., 49 lks. dist., mkd. $\frac{1}{4}$ S 14 BT.

A juniper, 26 ins. diam., bears S.15°W., 100 lks. dist., mkd. $\frac{1}{4}$ S 15 BT.

Desc. 293 ft. over N. slope.

- 50.40 Wash, 10 lks. wide, course NE.; asc. 116 ft. over SE. slope.
- 56.30 Ridge, bears NE. and SW.; desc. 289 ft. over NW. slope.
- 74.60 Wash, 30 lks. wide, course N.10°E.; asc. 40 ft. over SE. slope.
- 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 14 ins. in the ground to bedrock, and in a mound of stone to top, for cor. of secs. 10, 11, 14 and 15, with brass cap mkd.

T14SR27E
 S10 | S11
 S15 | S14
 1938

from which

Chains

An oak, 6 ins. diam., bears N.65°W., 18 lks. dist.,
mkd. T14S R27E S10 BT.

An oak, 6 ins. diam., bears N.73°E., 55 lks. dist.,
mkd. T14S R27E S11 BT.

An oak, 6 ins. diam., bears S.48°E., 10 lks. dist.,
mkd. T14S R27E S14 BT.

An oak, 6 ins. diam., bears S.21°W., 17 lks. dist.,
mkd. T14S R27E S15 BT.

Land, mountainous.

Soil, rocky, 4th rate.

Timber, oak, juniper and pinon; undergrowth, oak brush
and cacti.

N.89°55'E., on a random line bet. secs. 11 and 14.

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

79.96 A point 14 lks. N. of the cor. of secs. 11, 12, 13 and 14.

Thence

N.89°59'W., on true line bet. secs. 11 and 14.

Over mountainous land, through thick timber and under-
growth.

Asc. 65 ft. over SE. slope.

4.60 Spur, slopes S.; desc. gradually over SW. slope.

24.30 Gulch, course SE.; asc. 628 ft. over SE. slope.

39.98 Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the
ground to bedrock, and in a mound of stone to top, for $\frac{1}{4}$
sec. cor., with brass cap mkd.

$$\frac{1}{4} \frac{S 11}{S 14}$$

1938

from which

An oak, 6 ins. diam., bears N.72°E., 48 lks. dist.,
mkd. $\frac{1}{4}$ S 11 BT.

A juniper, 8 ins. diam., bears S.20°W., 26 lks. dist.,
mkd. $\frac{1}{4}$ S 14 B T.

Asc, 59 ft. over SE. slope.

44.50 Spur, slopes SE.; desc. 51 ft. over SW. slope.

50.00 Wash, 10 lks. wide, course SE.; asc. 203 ft. over SE.
slope.

63.70 Ridge, bears NE. and SW.; desc. 409 ft. over NW. slope.

77.50 Wash, 20 lks. wide, course NE.; asc. 81 ft. over SE. slope.

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

Land, mountainous.

Soil, rocky, 4th rate.

Timber, juniper, oak and pinon; undergrowth, oak brush
and cacti.

Survey of a Portion of Subdivision of T.14 S., R.27 E.

chains

N.0°01'W., bet. secs. 10 and 11.

Over mountainous land, through heavy timber and undergrowth. Asc. 77 ft. over SE. slope.

4.30 Spur, slopes NE.; desc. 154 ft. over N. slope.

8.20 Wash, 10 lks. wide, course NE.; asc. 452 ft. over SE. slope.

25.40 Spur, slopes SE.; desc. 84 ft. over NE. slope.

31.00 Wash, 10 lks. wide, course E.; asc. 51 ft. over SE. slope.

38.90 Spur, slopes NE.; desc. 16 ft. over NW. slope.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 10 ins. in the ground to bedrock, and in a mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap mkd. $\frac{1}{4}$

S 10 | S 11

1938

from which

An oak, 6 ins. diam., bears S.2°E., 81 lks. dist., mkd. $\frac{1}{4}$ S 11 BT.A juniper, 14 ins. diam., bears S.45°W., 54 lks. dist., mkd. $\frac{1}{4}$ S 10 BT.

Desc. 902 ft. over rough NW. slope, to cor.

48.33 Point for cor. No. 1 of the Red Jacket, M.S. No. 1072, patented mining claim, based upon record tie, S.25°53'E., 60.97 chs. dist. from U.S. Mineral Monument No. 1, bears N.27°41'W., 11.41 chs. dist. No evidence of any of the four cors. of this claim could be found at points indicated by a retracement based upon record course and distances.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 6 ins. in the ground to bedrock, with a stone, mkd. X, deposited at the base, and in a mound of stone to top, for cor. of secs. 2, 3, 10 and 11, with brass cap mkd.

T14S R27E

S 3 | S 2

S 10 | S 11

1938

from which

An oak, 6 ins. diam., bears N.57°E., 36 lks. dist., mkd. T 14 S R 27 E S 2 BT.

A juniper, 12 ins. diam., bears S.19°W., 83 lks. dist., mkd. T 14 S R 27 E S 10 BT.

An oak, 6 ins. diam., bears N.3°W., 28 lks. dist., mkd. T 14 S R 27 E S 3 BT.

No other bearing tree available.

Land, mountainous.

Soil, rocky, 4th rate.

Timber, oak, juniper and pinyon;

Undergrowth, oakbrush and cacti.

Survey of a Portion of the Subdivision of T.14 S., R.27 E.

chains

- S.89°59'E., on a random line bet. secs. 2 and 11.
- 40.00 Set temp. $\frac{1}{4}$ sec. cor.
- 80.00 A point 3 lks. S. of the cor. of secs. 1,2,11 and 12.
Thence
West, on true line bet. secs. 2 and 11.
Over mountainous land, through heavy timber and undergrowth.
Desc. 290 ft. over SW. slope.
- 11.50 Wash, 30 lks. wide, course SE.; asc. 129 ft. over SE. slope.
- 19.00 Spur, slopes S.; desc. 169 ft. over SW. slope.
- 38.70 Wash, 30 lks. wide, course SE.; asc. 80 ft. over SE. slope.
- 40.00 Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap mkd.
- $$\frac{\frac{1}{4} \text{ S } 2}{\frac{1}{4} \text{ S } 11}$$
 1939 from which
- An oak, 10 ins. diam., bears N.60°E., 71 lks. dist., mkd. $\frac{1}{4}$ S 2 BT.
- An oak, 20 ins. diam., bears S.15°E., 62 lks. dist., mkd. $\frac{1}{4}$ S 11 BT.
- 40.30 Trail, bears NW. and SE.; asc. 617 ft. over SE. slope.
- 60.00 Ridge, bears N.5°E. and S.5°W.; desc. 532 ft. over NW. slope.
- 80.00 The cor. of secs. 2,3,10 and 11.
Land, mountainous.
Soil, rocky, 4th rate.
Timber, juniper, pinyon and oak.
Undergrowth, oakbrush, manzanita and cacti.
-
- N.0°01'W., bet. secs. 2 and 3.
Over mountainous land, through heavy timber and undergrowth.
Desc. 20 ft. over NW. slope.
- 1.50 Wash, 10 lks. wide, course N.10°W., from E.; descend 498 ft. over broken NW. slope.
- 30.46 Intersect Cor. No. 3 of the State of Iowa patented lode mining claim, M.S. No. 935; a wooden post, 4 ins. square, projecting 3 ft. above ground, firmly set, mkd. and witnessed as described in the official record.
From this cor., U.S.L.M. No. 1, Tevis District, bears N.85°04'W., 32.00 chs. dist.; a juniper post, 4 ins. sq., projecting 6 ft. above ground, firmly set, mkd. and witnessed as described in the official record.

Survey of a Portion of the Subdivision of T.14 S., R.27 E.

chains

36.50 Wash, 10 lks. wide, course NW.;
continue on slight descent.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the
ground, for $\frac{1}{4}$ sec. cor., with brass cap mkd.

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

1939 from which

An oak, 6 ins. diam., bears N.88°W., 23 lks.
dist., mkd. $\frac{1}{4}$ S 3 BT.

An oak, 8 ins. diam., bears N.61°E., 48 lks.
dist., mkd. $\frac{1}{4}$ S 2 BT.

Asc. 22 ft. over SW. slope.

42.40 Spur, slopes W.; desc. 165 ft. over NW. slope.

63.80 Wash, 10 lks. wide, course W.; asc. 97 ft. over SW. slope.

66.73 A developed spring, emptying into a trough, bears S.64 $\frac{1}{2}$ °W.,
10.08 chs. dist.

68.60 Spur, slopes W.; desc. 180 ft. over NW. slope.

82.13 Intersect N. bdy. of Tp., 60 lks. E. of true point for
cor. of secs. 2, 3, 34 and 35. The witness cor., 45 lks.
E. of true point for cor. is an iron post, 3 ins. diam.,
16 ins. above ground and mound of stone, firmly set, mkd.
and witnessed as described in the official record.

This witness cor. now refers to cor. of secs. 34 and 35,
only, of T.13 N.

Alter the marks on brass cap to read as follows:

T13S R27E
S 34|S 35 WC
S 3
T14S R27E

1939

Remove the marks on bearing trees to south of line.

At point of intersection,

Set an iron post, 3 ft. long, 2 ins. diam., 6 ins. in the
ground to bedrock, and in a mound of stone to top, for
closing cor. of secs. 2 and 3, with brass cap mkd.

T13S R27E
S 35
S 3|S 2
T14S R27E
C C

1939 from which

An oak, 6 ins. diam., bears S.33°W., 108 lks.
dist., mkd. T 14 S R 27 E S 3 CC BT.

An oak, 6 ins. diam., bears S.24 $\frac{1}{2}$ °E., 93 lks.
dist., mkd. T 14 S R 27 E S 2 CC BT.

Survey of a Portion of the Subdivision of T.14 S., R.27 E.

chains

From this point, Cor. No. 3 of the State of Iowa Mill Site, patented M.S. No. 936, bears S.29°04'W., 4.26 chs. dist.; an oak post, 5 ins. diam., 4 ft. above the top of a mound of stone, 5 ft. base, mkd. SIMS No. 3.

Land, mountainous.
Soil, rocky, 4th rate.
Timber, oak and juniper.
Undergrowth, oakbrush and cacti.

From the true point for cor. of secs. 21 and 22.

N.0°02'W., bet. secs. 21 and 22.

Over mountainous land, through scattering timber and undergrowth.

Asc. 600 ft. over SE. slope.

- 9.40 Wire fence, bears E. and W.
- 23.10 Wire fence, bears E. and W. about 150 lks., then SW.
23:30 Spur, slopes SW., desc. 130 ft. over SW. slope.
28.00 Wash, 10 lks. wide, course W.; asc. 73 ft. over S. slope.
- 32.30 Spur, slopes W.; desc. 257 ft. over N. slope. G.L.S.
- 38.70 Wash, 10 lks. wide, course W.; asc. 17 ft. over SW. slope.
- 40.17. Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the ground to bedrock, and in a mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap mkd.

$\frac{1}{4}$

S 21 | S 22

1939

from which

An oak, 6 ins. diam., bears East, 120 lks. dist., mkd. $\frac{1}{4}$ S 22 BT.

An oak, 8 ins. diam., bears S. 75°W., 147 lks. dist., mkd. $\frac{1}{4}$ S 21 BT.

Asc. 100 ft. over SW. slope.

- 42.15. Cor. No. 1 of the Monarek patented lode mining claim, M.S. No. 2970, bears S.41°18'W., 4.12 chs. dist.; a pine post, 4 ins. sq., 3 ft. above ground in a mound of stone, mkd. and witnessed as described in the official record.

Diligent search, based on record courses and distances, failed to reveal any evidence of other corners of the Monarek claim.

- 43.80 Spur, slopes SW.; desc. 34 ft. over NW. slope.

- 48.20 Wash, 10 lks. wide, course SW.;
asc. 993 ft. over SE. slope.

- 76.00 Top of ascent; ridge, bears NE. and S.15°W.

Survey of a Portion of Subdivision of T. 14 S., R. 27 E.

Chains Over nearly level land.

80.17 Set an iron post, 3 ft. long, 2 ins. diam., 12 ins. in the ground to bedrock, and in a mound of stone to top, for cor. of secs. 15, 16, 21 and 22, with brass cap mkd.

T14SR27E	
S16	S15
S21	S22
1939	

from which

An oak, 8 ins. diam., bears N.35°W., 51 lks. dist., mkd. T14S R27E S16 BT.

An oak, 6 ins. diam., bears N.50°E., 70 lks. dist., mkd. T14S R27E S15 BT.

An oak, 4 ins. diam., bears S.2°W., 12 lks. dist., mkd. BT.

An oak, 4 ins. diam., bears S.32°E., 56 lks. dist., mkd. BT.

Land, mountainous.

Soil, rocky, 4th rate.

Timber, oak and juniper; undergrowth, oak brush, manzanita and cacti.

From the cor. of secs. 14, 15, 22 and 23.

S.89°55'W., on true line bet. secs. 15 and 22 on governing section line.

Over mountainous land, through dense timber and undergrowth.

Asc. 560 ft. over NE. slope.

18.60 Spur, slopes NE.; desc. 55 ft. over NW. slope.

23.00 Wash, 10 lks. wide, course NE.; asc. 449 ft. over NE. slope.

38.40 Divide, bears N.20°W., and SE.; trail bears same.; asc. 29 ft. over SW. slope.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 6 ins. in the ground to bedrock, and in a mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap mkd.

$\frac{1}{4}$	S 15
	S 22

1939

from which

An oak, 14 ins. diam., bears N.58°E., 30 lks. dist., mkd. $\frac{1}{4}$ S 15 BT.An oak, 8 ins. diam., bears S.20°E., 20 lks. dist., mkd. $\frac{1}{4}$ S 22 BT.

Desc. 155 ft. over SW. slope.

49.90 Rocky gulch, 10 lks. wide, course SW.; asc. 114 ft. over SE. slope.

54.60 Intersect the east side line, 1-4 of the Blue Light

Survey of a Portion of Subdivision of T. 14 S., R. 27 E.

- Chains patented lode mining claim, M.S. No. 3931, at 1.28 chs. N.8°44'E., of Cor. No. 1.; a post 4 ins. square, in a mound of stone, mkd. and witnessed as described in the official record. Cor. No. 4, bears N.8°44'E., 21.36 chs. dist.; a cross X, on a rhyolite rock, 30 x 24 x 14 ins. above ground, mkd. and witnessed as described in the official record.
- Across patented mineral land.
- 55.40 Spur, slopes S.; desc. 108 ft. over SW. slope.
- 61.00 Wash, 5 lks. wide, course SW.; asc. 101 ft. over SE. slope.
- 63.75 Intersect Cor. No. 2 of the Blue Light patented mining claim, M.S. No. 3931.; a post, 4 ins. square, in a mound of stone, mkd. and witnessed as described in the official record.
- Leave patented land.
- 67.20 Slope changes to SW.; desc. 191 ft. to cor.
- 80.00 The cor. of secs. 15, 16, 21 and 22.

Land, mountainous.
Soil, rocky, 4th rate.
Timber, oak, juniper and pinon; undergrowth, oak brush, manzanita and cacti.

N.0°02'W., bet. secs. 15 and 16.

Over mountainous land, through heavy timber and undergrowth.
Asc. 456 ft. over SW. slope to spur.

- .18 Trail, bears NE. and SW.
- 1.25 Intersect the SE. side line 1-4 of the Skylight patented lode mining claim, M.S. No. 2814, at 9.10 chs. S.53°42'W., of Cor. No. 4.; a pine post, 4 ins. square, in a mound of stone, mkd. and witnessed as described in the official record. Cor. No. 1, bears S.53°42'W., 12.32 chs. dist.; a pine post; 4 ins. square, mkd. and witnessed as described in the official record.
- Enter patented land.
- 26.28 Intersect the NW. side line 2-3 of the Cedar Tree patented lode mining claim, M.S. No. 3931, at 1.15 chs. N.34°15'E., of Cor. No. 2.; a post, 4 ins. square, in a mound of stone, mkd. and witnessed as described in the official record. Cor. No. 3, bears N.34°15'E., 21.45 chs. dist.; a post 4 ins. square, in a mound of stone, mkd. and witnessed as described in the official record.
- Leave patented land.
- 26.70 Spur, slopes SW.; desc. 100 ft. over NW. slope.
- 31.20 Wash, 10 lks. wide, course SW.; asc. 187 ft. over SW. slope.
- 39.00 Divide, bears E. and W.; desc. 21 ft. over N. slope.
- 40.00 Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the ground to bedrock, and in a mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap mkd.



from which

Survey of a Portion of Subdivision of T. 14 S., R. 27 E.

1938

Chains	<p>An oak, 8 ins. diam., bears N.44°E., 43 lks. dist., mkd. $\frac{1}{4}$ S 15 BT.</p> <p>An oak, 8 ins. diam., bears S.55°W., 19 lks. dist., mkd. $\frac{1}{4}$ S 16 BT.</p> <p>Desc. 245 ft. over NE. slope.</p>
50.00	Slope changes to NW.; desc. 943 ft. over NW. slope.
80.00	Set an iron post, 3 ft. long, 2 ins. diam., 18 ins. in the ground to bedrock, and in a mound of stone to top, for cor. of secs. 9,10,15 and 16, with brass cap mkd.
	<p style="text-align: center;">T14SR27E S 9 S10 S16 S15 1938</p> <p style="text-align: right;">from which</p>
	<p>An oak, 6 ins. diam., bears N.41°W., 48 lks. dist., mkd. T14S R27E S9 BT.</p> <p>An oak, 6 ins. diam., bears N.48°E., 34 lks. dist., mkd. T14S R27E S10 BT.</p> <p>An oak, 10 ins. diam., bears S.45°E., 54 lks. dist., mkd. T14S R27E S15 BT.</p> <p>An oak, 6 ins. diam., bears S.70°W., 43 lks. dist., mkd. T14S R27E S16 BT.</p> <p>Land, mountainous. Soil, rocky, 4th rate. Timber, oak, juniper and pinon; undergrowth, oak brush, manzanita and cacti.</p>
	N.89°55'E., on a random line bet. secs. 10 and 15.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
80.00	A point 5 lks. N. of cor. of secs. 10,11,14 and 15.
	Thence
	S.89°57'W., on true line bet. secs. 10 and 15.
	Over mountainous land, through thick timber and undergrowth.
	Asc. 369 ft. over SE. slope.
31.00	Wash, 10 lks. wide, course SE.; asc. 128 ft. over SE. slope.
38.70	Spur, slopes N.; desc. gradual NW. slope.
40.00	Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the ground to bedrock, and in a mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap mkd.
	<p style="text-align: center;">$\frac{1}{4}$ S 10 S 15 1938</p> <p style="text-align: right;">from which</p>

Chains A juniper, 18 ins. diam., bears N.40°W., 54 lks. dist.,
 mkd. $\frac{1}{4}$ S 10 BT.

 An oak, 12 ins. diam., bears S.37°W., 52 lks. dist.,
 mkd. $\frac{1}{4}$ S 15 BT.

 Desc. 32 ft. over NW. slope.

42.00 Wash, 10 lks. wide, course N.70°E.; asc. 242 ft. over NE.
 slope.

57.20 Ridge, bears N. and S.; desc. 518 ft. over SW. slope.

69.10 Wash, 10 lks. wide, course NW.; continue descending 103
 ft. over NW. slope.

75.20 Wash, 10 lks. wide, course NW.; continue along NE. slope
 of low spur, slopes NE.

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

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

N.0°02'W., bet. secs. 9 and 10.

Over mountainous land, through heavy timber and under-
growth.

Desc. 141 ft. over NE. slope.

5.80 Wash, 10 lks. wide, course NW.; continue descending 87 ft.
 over NW. slope.

23.20 Wash, 10 lks. wide, course W.; asc. 70 ft. over S.slope.

25.30 Spur, slopes W.; desc. 315 ft. over NW. slope.

32.30 Wash, 20 lks. wide, course NW.; asc. 86 ft. over SW. slope.

35.00 Spur, slopes W.; desc. 29 ft. over NW. slope.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the
 ground to bedrock, and in a mound of stone to top, for $\frac{1}{4}$
 sec. cor., with brass cap mkd.

$\frac{1}{4}$
S 9 | S 10
1939

from which

 An oak, 6 ins. diam., bears S.85°E., 50 lks. dist.,
 mkd. $\frac{1}{4}$ S10 BT.

 An oak, 8 ins. diam., bears S.62°W., 64 lks. dist.,
 mkd. $\frac{1}{4}$ S9 BT.

 Desc. 22 ft. over NW. slope.

40.60 Wash, 10 lks. wide, course W.; asc. 195 ft. over SW.
 slope.

51.70 Spur, slopes NW.; desc. 286 ft. over NW. slope.

59.10 Wash, 10 lks. wide, course W.; asc. 233 ft. over SW.slope.

68.80 Spur, slopes W.; desc. 163 ft. over NW. slope.

Survey of a Portion of Subdivision of T. 14 S., R. 27 E.

Chains 80.00	<p>Set an iron post, 3 ft. long, 2 ins. diam., 10 ins. in the ground to bedrock, with a stone mkd. X, deposited at the base, and in a mound of stone to top, for cor. of secs. 3, 4, 9 and 10, with brass cap mkd.</p> <p style="text-align: center;">T14SR27E S 4 S 3 S 9 S 10 1939</p> <p>No suitable bearing trees available.</p> <p>Land, mountainous. Soil, rocky, 4th rate. Timber, oak, juniper and cottonwood; undergrowth, oak-brush and cacti.</p>
40.00	<p>N.89°57'E., on a random line bet. secs. 3 and 10.</p> <p>Set temp. $\frac{1}{4}$ sec. cor.</p>
79.94	<p>A point 5 lks. S. of the cor. of secs. 2, 3, 10 and 11.</p> <p>Thence</p> <p>S.89°55'W., on true line bet. secs. 3 and 10.</p> <p>Over mountainous land, through heavy timber and undergrowth.</p> <p>Desc. 103 ft. over NW. slope.</p>
4.50	<p>Wash, 20 lks. wide, course N.20°E.; asc. 246 ft. over NE. slope.</p>
13.80	<p>Spur, slopes N.10°E.; desc. 124 ft. over NW. slope.</p>
17.00	<p>Wash, 10 lks. wide, course N.30°E.; asc. 178 ft. over NE. slope.</p>
24.00	<p>Spur, slopes N.30°E.; desc. 153 ft. over NW. slope.</p>
27.80	<p>Wash, 10 lks. wide, course NE.; asc. 114 ft. over NE. slope.</p>
36.60	<p>Spur, slopes N.; continue over level land.</p>
39.97	<p>Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap mkd.</p> <p style="text-align: center;">$\frac{1}{4}$ $\frac{S 3}{S 10}$ 1939</p> <p style="text-align: right;">from which</p> <p>An oak, 18 ins. diam., bears N.54°W., 36 lks. dist., mkd. $\frac{1}{4}$ S 3 BT.</p> <p>An oak, 8 ins. diam., bears S.64°E., 35 lks. dist., mkd. $\frac{1}{4}$ S 10 BT.</p> <p>Desc. 35 ft. over NW. slope.</p>
44.00	<p>Wash, 10 lks. wide, course NE.; asc. 226 ft. over NE. slope.</p>
53.70	<p>Ridge, bears NW. and SE.; desc. 104 ft. over NW. slope.</p>

Survey of a Portion of Subdivision of T. 14 S., R. 27 E.

Chains	
61.40	Wash, 10 lks. wide; course NW.; asc. 93 ft. over NE: slope.
70.40	Spur, slopes N.; desc. 342 ft. over NW. slope.
79.94	The cor. of secs. 3, 4, 9 and 10. Land, mountainous. Soil, rocky, 4th rate. Timber, oak, juniper and small sycamore; undergrowth, oak-brush.
	N.0°02'W., bet. secs. 3 and 4. Over mountainous land, through heavy timber and undergrowth. Desc. 482 ft. over NW. slope.
16.50	Trail, bears NE. and SW. A sheet iron hut, bears SW. about 1.50 chs. dist.
21.80	Wash, 10 lks. wide, course W.; asc. 174 ft. over SW. slope.
24.30	Trail, bears E. and W.
27.00	Spur, slopes W.; desc. 323 ft. over NW. slope.
37.94	Trail, bears NE. and SW.
40.00	Set an iron post, 3 ft. long, 1 in. diam., 14 ins. in the ground to bedrock, and in a mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap mkd. $\frac{1}{4}$ S 4 S 3 1939 from which An oak, 6 ins. diam., bears N.63°E., 59 lks. dist., mkd. $\frac{1}{4}$ S 3 BT. An oak, 6 ins. diam., bears S.59°W., 72 lks. dist., mkd. $\frac{1}{4}$ S 4 BT. Desc. 68 ft. over NW. slope.
41.70	Wash, 10 lks. wide, course N.10°E.; asc. 139 ft. over SW. slope.
45.00	Rocky spur, slopes E.; continue along broken E. slope of same.
50.00	Desc. 195 ft. over NE. slope.
56.70	Shallow wash, course E.; asc. 39 ft. over broken NE. slope.
61.60	Spur, slopes E.; desc. 69 ft. over N. slope.
66.50	Shallow wash, course E.; asc. 107 ft. over S. slope.
70.13	Spur, slopes E.; desc. 63 ft. over N. slope.
75.00	Ravine, 10 lks. wide, course E.; asc. 40 ft. over S. slope.

Survey of a Portion of Subdivision of T.14 S., R.27 E.

chains

80.00 Trail, bears NE. and SW., on spur, slopes NE.; desc. 20 ft. over N. slope.

82.57 Intersect N. bdy. of the Tp., 109 lks. E. of true point for cor. of secs. 3,4,33 and 34. The witness cor., 10 lks. W. of true point for cor., is an iron post, 3 ins. diam., projecting 20 ins. above ground, in a mound of stone, mkd. and witnessed as described in the official record.

This witness cor. now refers to cor. of secs. 33 and 34, only, of T.13 N. Alter marks on brass cap to read as follows:

T13S R27E
 WC S 33 | S 34
 S 4
 T14S R27E

1939

Remove the marks on bearing trees S. of line.

At point of intersection,

Set an iron post, 3 ft. long, 2 ins. diam., 14 ins. in the ground to bedrock, and in a mound of stone to top, for closing cor. of secs. 3 and 4, with brass cap mkd.

T13S R27E
 S 34
 d S 4 | S 3
 T14S R27E
 C C
 1939

from which

An oak, 14 ins. diam., bears S.8°W., 131 lks. dist., mkd. T 14 S R 27 E S 4 CC BT.

An oak, 6 ins. diam., bears S.73°E., 103 lks. dist., mkd. T 14 S R 27 E S 3 CC BT.

Land, mountainous.
 Soil, rocky, 4th rate.
 Timber, oak and juniper.
 Undergrowth, oakbrush and cacti.

From cor. of secs. 20 and 21.

N.0°02'W., bet. secs. 20 and 21.

Over mountainous land, through scattering timber and undergrowth.

Desc. gradual NE. slope.

14.00 Head of wash, course SE.; asc. 250 ft. over SW. slope.

19.70 Mine tramway, bears N.26°E. and S.26°W., on spur, slopes SW.; desc. gradually over NW. slope.

23.00 Wash, 20 lks. wide, course S.25°W.; asc. 310 ft. over SE. slope.

40.20 Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap mkd.

$\frac{1}{4}$
 S 20 | S 21

1938

raise a mound

32.

Survey of a Portion of Subdivision of T.14 S., R.27 E.

Chains

stone, 4 ft. base, 2 ft. high, W. of cor.

No bearing trees available.

From this point, Cor. No. 1 of the Honey Dew patented lode mining claim, M.S. No. 2562, bears S.40°14'W., 9.83 chs. dist.; an oak post, set, mkd. and witnessed as described in the official record.

Asc. 196 ft. over SE. slope.

44.20 Trail, bears NE. and SW.

47.20 Spur, slopes SW.; desc. 28 ft. over NW. slope.

54.00 Wash, 10 lks. wide, course SW.; asc. 536 ft. over SE. slope.

58.40 Trail, bears SE. and W.

72.50 Spur, slopes SW., from N.; asc. 96 ft. over S. slope.

77.40 Ridge, bears NW. and SE.; desc. 50 ft. over NE. slope.

80.20 Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground, for cor. of secs. 16,17,20 and 21, with brass cap mkd.

T14S R27E
S 17 | S 16
S 20 | S 21

1938

from which

An oak, 4 ins. diam., bears N.64°E., 47 lks. dist., mkd. T 14 S R 27 E S 16 BT.

An oak, 6 ins. diam., bears S.64°E., 71 lks. dist., mkd. T 14 S R 27 E S 21 BT.

An oak, 8 ins. diam., bears S.4°W., 157 lks. dist., mkd. T 14 S R 27 E S 20 BT.

No other bearing trees available.

Land, mountainous.
Soil, rocky, 4th rate.
Timber, oak, juniper and pinyon.
Undergrowth, oakbrush and cacti.

From the cor. of secs. 15,16,21 and 22.

S.89°55'W., on true line bet. secs. 16 and 21, on governing section line.

Over mountainous land, through scattering timber and undergrowth.

Desc. 589 ft. over SW. slope.

1.70 Intersect SE. side line 1-4 of the Skylight patented lode mining claim, M.S. No. 2814, at 10.21 chs. N.53°42'E. of Cor. No. 1, hereinbefore described. Cor. No. 4 bears

Survey of a Portion of Subdivision of T. 14 S., R. 27 E.

Chains	N.53°42'E., 11.21 chs. dist.
	Thence across patented mineral land.
2.50	Trail, bears N. and S.
4.20	Same trail, bears NW. and SE.
4.90	Same trail, bears NE. and S.
16.82	Intersect Cor. No. 2 of the Skylight patented lode mining claim.; a cross (X) on a porphyry outcrop, mkd. and witnessed as described in the official record. Leave patented land.
22.10	Wash, 10 lks. wide, course SW.; asc. 63 ft. over SE.slope.
26.20	Spur, slopes SW.; desc. 350 ft. over NW. slope.
32.24	Intersect E. end line 1-4 of the Black Princess patented lode mining claim, M.S. No. 2898, at 4.27 chs. N.0°18'W., of Cor. No. 1.; a post 4 ins. square, in a mound of stone, mkd. and witnessed as described in the official record. Cor. No. 4, bears N.0°18'W., 4.81 chs. dist.; a juniper post, 5 ins. diam., in a mound of stone, mkd. and witnessed as described in the official record. Enter patented land.
33.80	Road, bears NE. and SW.
38.40	Wash, 20 lks. wide, course SW.; asc. 35 ft. over SE. slope.
40.06	Set an iron post, 3 ft. long, 1 in. diam., 14 ins. in the ground to bedrock, with a stone mkd. X, deposited at the base, and in a mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap mkd.
	$\frac{1}{4} \begin{array}{r} S 16 \\ S 21 \end{array}$
	1938
	No bearing trees available.
	From this point a spring bears E.37 $\frac{1}{2}$ °E., 10 chs. dist.; there is a small flow of water here into a barrel.
	Asc.108 ft. over E. slope.
45.00	Spur, slopes S.; desc. 123 ft. over W. slope.
50.00	Wash, 5 lks. wide, course S.; asc. 88 ft. over E. slope.
52.50	Tramway, bears N.26°E. and S.26°W.; thence over level mine dump.
54.20	Spur, slopes S.; desc. 118 ft. over SW. slope.
58.90	Sheet iron mine building on line.
61.10	Wash, 10 lks. wide, course SE.; asc. 535 ft. over NE. slope.
69.61	Intersect the SW. side line 3-4 of the Wedge patented lode mining claim, M.S. No. 1666, at 5.28 chs. N.22°W., of Cor. No. 3.; an oak post, 5 ins. diam., in a mound of stone, mkd. and witnessed as described in the official record. Cor. No. 4, bears N.22°00'W., 17.45 chs. dist.; a juniper post, 5 ins. diam., in a mound of stone, mkd. and witnessed as described in the official record. Leave patented land.
72.60	Trail, bears NW. and S..

Chains

80.12	<p>The cor. of secs. 16,17,20 and 21.</p> <p>Land, mountainous. Soil, rocky, 4th rate. Timber, oak and juniper; undergrowth, oak brush, manzanita and cacti.</p>
	<p>N.0°02'W., bet. secs. 16 and 17.</p> <p>Over mountainous land, through scattering timber and undergrowth.</p> <p>Desc. 186 ft. over NE. slope.</p>
12.60	<p>Wash, 10 lks. wide, course SE.; asc. 497 ft. over SE. slope.</p>
20.52	<p>Intersect the SW. side line 1-2 of the Oregon patented lode mining claim, M.S. No. 2897, at 2.88 chs. N.43°08'W. of Cor. No. 1.; a post, 4 ins. square, in a mound of stone, mkd. and witnessed as described in the official record. Cor. No. 2, bears N.43°08'W., 19.84 chs. dist., mkd. and witnessed as described in the official record. Set a cross (X) on sloping face of porphyry reef. Enter patented mineral land.</p>
31.19	<p>Intersect the NE. side line 3-4 of the Oregon patented lode mining claim, at 10.78 chs. N.43°08'W. of Cor. No.4.; a pine post, 4 ins. square, in a mound of stone, mkd. and witnessed as described in the official record. Cor. No. 3, bears N.43°08'W., 11.96 chs. dist.; a cross on NW. face of a porphyry reef, mkd. and witnessed as described in the official record. From intersection U.S.L.M. No. 1542 which is an iron pipe projecting 8 ft. above the top of a cylindrical natural rock, formation known as the tower, and which is about 12 ft. wide at base, and about 10 feet high, bears S.68°31'E., 12.04 chs. dist.</p> <p>Leave patented mining land.</p>
40.00	<p>Set an iron post, 3 ft. long, 1 in. diam., 13 ins. in the ground to bedrock, and in a mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap mkd.</p>
	<p style="text-align: center;"> $\frac{1}{4}$ S 17 S 16 1938 from which </p>
	<p>A juniper, 8 ins. diam., bears N.40°E., 100 lks. dist., mkd. $\frac{1}{4}$ S 16 BT.</p>
	<p>A juniper, 6 ins. diam., bears N.81°W., 69 lks. dist., mkd. $\frac{1}{4}$ S 17 BT.</p>
	<p>Asc. 7 ft. over SE. slope.</p>
41.00	<p>Saddle in divide, bears NW. and SE.; desc. 188 ft. over NE. slope.</p>
49.60	<p>Wash, 10 lks. wide, course N.30°E.; asc. gradual SE. slope.</p>
55.00	<p>Spur, slopes E.; desc. 64 ft. over NE. slope.</p>
56.90	<p>Wash, 10 lks. wide, course E.; asc. 97 ft. over SE. slope.</p>
65.30	<p>Spur, slopes E.; desc. 22 ft. over NE. slope.</p>

Survey of a Portion of Subdivision of T.14 S., R. 27 E.

Chains
73.40 Wash, 10 lks. wide, course E.; asc. 146 ft. over SE. slope.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 26 ins. in the ground, for cor. of secs. 8, 9, 16 and 17; with brass cap mkd.

T14SR27E	
S 8	S 9
S 17	S 16
1938	

from which

A juniper, 6 ins. diam., bears N.27°W., 74 lks. dist., mkd. T14S R27E S8 BT.

An oak, 6 ins. diam., bears N.18°E., 44 lks. dist., mkd. T14S R27E S9 BT.

An oak, 8 ins. diam., bears S.33°W., 146 lks. dist., mkd. T14S R27E S17 BT.

An oak, 6 ins. diam., bears S.50°E., 72 lks. dist., mkd. T14 S R27E S 16 BT.

Land, mountainous.

Soil, rocky, 4th rate.

Timber, oak and juniper; undergrowth, oak brush, manzanita and cacti.

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

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

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

Thence

S.89°55'W., on true line bet. secs. 9 and 16.

Over mountainous land, through thick timber and undergrowth.

Desc. 79 ft. over NW. slope.

3.30 Wash, 15 lks. wide, course NE.; asc. 435 ft. over NE. slope.

21.45 Spur, slopes N.; desc. 323 ft. over NW. slope.

33.90 Wash, 15 lks. wide, course NW.; asc. 87 ft. over NW. slope.

40.10 True point for $\frac{1}{4}$ sec. cor. falls in center of wash, 20 lks. wide, drains NE.

Asc. 20 ft. over E. slope.

41.15 Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the ground to bedrock, and in a mound of stone to top, for witness $\frac{1}{4}$ sec. cor., with brass cap mkd.

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

1938

from which

Survey of a Portion of Subdivision of T. 14 S., R. 27 E.

- Chains An oak, 8 ins. diam., bears N.79°W., 163 lks. dist.,
 mkd. WC $\frac{1}{4}$ S 9 BT.
- A juniper, 6 ins. diam., bears S.60°E., 42 lks. dist.,
 mkd. WC $\frac{1}{4}$ S 16 BT.
- Asc. 290 ft. over E. slope.
- 50.80 Mine tramway, bears N.1 $\frac{1}{2}$ °E. and S.1 $\frac{1}{2}$ °W.
- 54.20 Ridge, bears N. and S.; desc. 302 ft. over NW. slope to wash.
- 60.20 Road, bears N. and S.
- 69.50 Wash, 20 lks. wide, course N.30°E.; asc. 404 ft. over SE. slope..
- 80.20 The cor. of secs. 8,9,16 and 17.

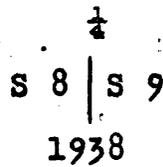
Land, mountainous.
Soil, rocky, 4th rate.
Timber, oak, juniper and sycamore; undergrowth, oak brush, manzanita and cacti.

N.0°02'W., bet. secs. 8 and 9.

Over mountainous land, through heavy timber and undergrowth.

Asc. 14 ft. over SE. slope.

- 7.00 Spur, slopes E.; desc. 160 ft. over NE. slope.
- 13.10 Wash, 10 lks. wide, course E.; asc. 44 ft. over S. slope.
- 17.00 Spur, slopes E.; desc. 336 ft. over N. slope.
- 28.80 Wash, 10 lks. wide, course NE.; asc. 293 ft. over SE. slope.
- 32.00 A spring from which water is piped to the Elma mine, bears E. 50 lks. dist.
- 40.00 Set an iron post, 3-ft. long, 1 in. diam., 22 ins. in the ground to bedrock, and in a mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap mkd.



from which

A juniper, 6 ins. diam., bears N.7°W., 54 lks. dist.,
mkd. $\frac{1}{4}$ S 8 BT.

An oak, 8 ins. diam., bears N.16°E., 133 lks. dist.,
mkd. $\frac{1}{4}$ S 9 BT.

From this point the SW. end center corner of the Elma patented lode mining claim, M.S. No. 3930, bears S.59°40'E., 26.18 chs. dist.; a pine post, 4 ins. square, mkd. and witnessed as described in the official record.

Survey of a Portion of Subdivision of T. 14 S., R. 27 E.

- Chains. Asc. 10 ft. over SE. slope.
- 41.40 Spur, slopes NE.; desc. 277 ft. over NE. slope.
- 57.80 Wash, 10 lks. wide, course E.; asc. 96 ft. over SE. slope.
- 63.50 Spur, slopes E., desc. 491 ft. over NE. slope.
- 78.80 Wash, 10 lks. wide, course N. 30° E.; asc. 9 ft. over SE. slope.
- 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 16 ins. in the ground to bedrock, and in a mound of stone to top, for cor. of secs. 4, 5, 8 and 9, with brass cap mkd.
- | | |
|----------|-----|
| T14SR27E | |
| S 5 | S 4 |
| S 8 | S 9 |
| 1938 | |
- from which
- An oak, 6 ins. diam., bears N. 35° E., 5 lks. dist., mkd. T14S R27E S4 BT.
- An oak, 6 ins. diam., bears S. 30° E., 25 lks. dist., mkd. T14S R27E S 9 BT.
- An oak, 6 ins. diam., bears S. 72° W., 50 lks. dist., mkd. T14S R27E S8 BT.
- An oak, 6 ins. diam., bears N. 56° W., 54 lks. dist., mkd. T14S R27E S5 BT.
- Land, mountainous.
Soil, rocky, 4th rate.
Timber, oak, juniper and pinon; undergrowth, oak brush and cacti.
-
- N. 89° 55' E., on a random line bet. secs. 4 and 9.
- 40.00 Set temp. $\frac{1}{4}$ sec. cor.
- 80.16 A point 12 lks. N. of cor. of secs. 3, 4, 9 and 10.
- Thence
- West, on true line, bet. secs. 4 and 9.
- Over mountainous land, through heavy timber and undergrowth.
- Descend 369 ft. over NW. slope.
- 14.20 Wash, 15 lks. wide, course NE.; asc. 290 ft. over SE. slope.
- 24.60 Spur, slopes S.; desc. 200 ft. over SW. slope.
- 32.90 Wash, in canyon, 30 lks. wide, course SE. from SW.; asc. 210 ft. over SE. slope.
- 40.08 Set an iron post, 3 ft. long, 1 in. diam., 9 ins. in the ground to bedrock, and in a mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap mkd.

Survey of a Portion of Subdivision of T. 14 S., R. 27 E.

Chains.

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

1938

from which

An oak, 12 ins. diam., bears N.68°E., 79 lks. dist.,
mkd. $\frac{1}{4}$ S 4 B T.

An oak, 12 ins. diam., bears S.58°W., 88 lks. dist.,
mkd. $\frac{1}{4}$ S 9 B T.

Asc. 257 ft. over SE. slope.

49.20 Trail, bears NW. and SE.

55.50 Mine shaft, 20 ft. deep, on line.

59.20 Spur, slopes NE.; desc. 157 ft. over NW. slope.

69.50 Wash, 10 lks. wide, course NE.; asc. 70 ft. over NE.
slope.

79.50 Wash, 10 lks. wide, course NE.; asc. 15 ft. over SE. slope.

80.16 The cor. of secs. 4, 5, 8 and 9.

Land, mountainous.

Soil, rocky, 4th. rate.

Timber, oak, juniper and sycamore; undergrowth, oak brush
and manzanita.

N. 0° 02' W., bet. secs. 4 and 5.

Over mountainous land, through heavy timber and under-
growth.

Asc. gradual SE. slope.

5.00 Spur, slopes NE.; desc. 309 ft. over NW. slope.

18.30 Wash, 15 lks. wide, course NE.; asc. 100 ft. over SE.
slope.

24.00 Spur, slopes NE.; desc. 218 ft. over NW. slope.

32.50 Wash, 10 lks. wide, course NE.; asc. 36 ft. over SE. slope.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 9 ins. in the
ground to bedrock, and in a mound of stone to top, for $\frac{1}{4}$
sec. cor., with brass cap mkd.
$$\frac{1}{4} \frac{S 5}{S 4}$$

1938

from which

An oak, 12 ins. diam., bears N.20°E., 37 lks. dist.,
mkd. $\frac{1}{4}$ S 4 B T.

An oak, 8 ins. diam., bears S.45°W., 9 lks. dist.,
mkd. $\frac{1}{4}$ S 5 B T.

Asc. 54 ft. over SE. slope.

Survey of a Portion of Subdivision of T. 14 S., R. 27 E.

BOOK 4193

Chains.													
43.80	Rocky spur, slopes NE.; desc. 104 ft. over NE. slope.												
55.30	Wash, 10 lks. wide, course E.; asc. 52 ft. over S. slope.												
61.00	Spur, slopes E.; desc. 214 ft. over NE. slope.												
82.55	Intersect N. bdy. of the Tp., 135 lks. E. of the cor. of secs. 4, 5, 32 and 33, which is an iron post, 3 ins. diam., firmly set, mkd. and witnessed as described in the official record.												
	This cor. now refers to secs. 32 and 33; T. 13 S., only. Alter the marks on brass cap to read as follows:												
	<table border="1" style="margin-left: auto; margin-right: auto;"> <tr><td colspan="2">T13SR27E</td></tr> <tr><td>S32</td><td>S33</td></tr> </table>	T13SR27E		S32	S33								
T13SR27E													
S32	S33												
	<table border="1" style="margin-left: auto; margin-right: auto;"> <tr><td colspan="2">S 5</td></tr> <tr><td colspan="2">T14SR27E</td></tr> <tr><td colspan="2">1938</td></tr> </table>	S 5		T14SR27E		1938							
S 5													
T14SR27E													
1938													
	I remove the marks on bearing trees S. of line.												
	At point of intersection,												
	Set an iron post, 3 ft. long, 2 ins. diam., 14 ins. in the ground to bedrock, and in a mound of stone to top, for closing cor. of secs. 4 and 5, with brass cap mkd.												
	<table border="1" style="margin-left: auto; margin-right: auto;"> <tr><td colspan="2">T13SR27E</td></tr> <tr><td colspan="2">S 33</td></tr> <tr><td>S 5</td><td>S 4</td></tr> <tr><td colspan="2">T14SR27E</td></tr> <tr><td colspan="2">.CC</td></tr> <tr><td colspan="2">1938</td></tr> </table>	T13SR27E		S 33		S 5	S 4	T14SR27E		.CC		1938	
T13SR27E													
S 33													
S 5	S 4												
T14SR27E													
.CC													
1938													
	from which												
	An oak, 12 ins. diam., bears S. 57° E., 150 lks. dist., mkd. T14S R27E S4 CC BT.												
	An oak, 8 ins. diam., bears S. 20° W., 50 lks. dist., mkd. T14S R27E S5 CC BT.												
	Land, mountainous. Soil, rocky, 4th rate. Timber, oak and juniper; undergrowth, oak brush, manzanita and cactus.												
	From the cor. of secs. 19 and 20.												
	N. 0° 03' W., bet. secs. 19 and 20.												
	Over mountainous land, through heavy timber and undergrowth.												
	Asc. 437 ft. over rocky SW. slope.												
11.00	Rocky ridge, bears NW. and SE.; desc. 272 ft. over NE. slope.												
23.60	Wash, 8 lks. wide, course SE.; asc. 128 ft. over SE. slope.												
37.50	Spur, slopes E.; desc. 12 ft. over NE. slope.												
39.90	Wash, 5 lks. wide, course SE.; asc. 3 ft. over SW. slope.												
40.00	Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, for ¼ sec. cor., with brass cap mkd.												

Survey of a Portion of Subdivision of T. 14 S., R. 27 E.

Chains.

$$\begin{array}{c} \frac{1}{4} \\ \hline S\ 19 \mid S\ 20 \\ \hline 1938 \end{array}$$

from which
An oak, 8 ins. diam., bears N. 40° E., 83 lks. dist.,
mkd. $\frac{1}{4}$ S 20 B T.

An oak, 6 ins. diam., bears S. 56° W., 137 lks. dist.,
mkd. $\frac{1}{4}$ S 19 B T.

Asc. 105 ft. over SW. slope.

47.20 Spur, slopes SE.; asc. 422 ft. over SE. slope.

69.70 Spur, slopes E.; desc. 42 ft. over NE. slope.

74.50 Wash, 10 lks. wide, course SE.; asc. 198 ft. over SE.
slope.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the
ground, for cor. of secs. 17, 18, 19 and 20, with brass
cap mkd.

$$\begin{array}{c} T14SR27E \\ S\ 18 \mid S\ 17 \\ \hline S\ 19 \mid S\ 20 \\ \hline 1938 \end{array}$$

raise a mound
of stone, 4 ft. base, 2 ft. high, W. of cor.

Land, mountainous.

Soil, rocky, 4th. rate.

Timber, oak and juniper; undergrowth, oak brush, manzanita
and cactus.

From the cor. of secs. 16, 17, 20 and 21.

S. 89° 55' W., on true line bet. secs. 17 and 20, on
governing section line.

Over mountainous land, through heavy timber and under-
growth.

Asc. 12 ft. over NE. slope.

2.00 Ridge, bears N. 30° W. and SE.; desc. 240 ft. over SW. slope.

30.60 Wash, 15 lks. wide, course SW.; asc. 261 ft. over SE.
slope.

39.94 Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the
ground to bedrock, with a stone mkd. X deposited at the
base, and in a mound of stone to top, for $\frac{1}{4}$ sec. cor.,
with brass cap mkd.

$$\begin{array}{c} S\ 17 \\ \frac{1}{4} \mid \\ S\ 20 \\ \hline 1938 \end{array}$$

No suitable bearing trees available.

Asc. 37 ft. over SE. slope.

43.55 Ridge, bears N. 30° E. and S. 30° W.; desc. 547 ft. over
SW. slope.

7201 4290

Survey of a Portion of Subdivision of T.14 S., R.27 E.

chains

- 58.55 Wash, 15 lks. wide, course SW.;
asc. 306 ft. over SE. slope.
- 79.88 The cor. of secs. 17,18,19 and 20.
Land, mountainous.
Soil, rocky, 4th rate.
Timber, oak and juniper.
Undergrowth, oakbrush and cacti.

- West, on a random line bet. secs. 18 and 19.
- 40.00 Set temp. $\frac{1}{4}$ sec. cor.
- 81.20 Intersect the cor. of secs. 13,18,19 and 24, on W. bdy. of
Tp.; a stone, 12x18x20 ins., firmly set, mkd. and witnessed
as described in the field notes of that portion of the W.
bdy. of T.14 S., R.27 E., resurveyed in 1909.
- Thence
- East, on true line bet. secs. 18 and 19.
Over mountainous land,
through heavy timber and undergrowth.
Asc. 426 ft. over NW. slope.
- 23.40 Spur, slopes SW.; desc. 297 ft. over SE. slope.
- 31.60 Wash, 10 lks. wide, course SE.;
asc. 108 ft. over SW. slope.
- 41.20 Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the
ground to bedrock, with a stone, mkd. X, deposited at the
base, and in a mound of stone to top, for $\frac{1}{4}$ sec. cor.,
with brass cap mkd.
- $\frac{1}{4} \frac{S 18}{S 19}$
1938
- No suitable bearing trees available.
- Desc. 30 ft. over SE. slope.
- 55.70 Wash, 30 lks. wide, course SW.;
asc. 682 ft. over SW. slope.
- 74.50 Spur, slopes SE. from NE.; desc. 43 ft. over SE. slope.
- 81.20 The cor. of secs. 17,18,19 and 20.
Land, mountainous.
Soil, rocky, 4th rate.
Timber, oak and juniper.
Undergrowth, oakbrush and cacti.

- N.0°03'W.; bet. secs. 17 and 18.
Over mountainous land,
through scattering timber and undergrowth.
Asc. 439 ft. over SE. slope. 32.
- 29.30 Ridge, bears NE. and SW.; desc. 159 ft. over NW. slope.
8..)

chains

34.80

Wash, 10 lks. wide, course SW.; asc. 121 ft. over SW. slope.

66.86

40.00

Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the ground, to bedrock, and in a mound of stone to top, for 1/4 sec. cor., with brass cap mkd.

1/4

S 18 | S 17

1938

from which

An oak, 6 ins. diam., bears N.52°E., 43 lks. dist., mkd. 1/4 S 17 BT.

An oak, 6 ins. diam., bears N.66°W., 43 lks. dist., mkd. 1/4 S 18 BT.

Asc. 217 ft. over SW. slope.

53.00

Spurs branch NW. and S.60°W., from SE.; desc. 222 ft. over NE. slope.

62.00

Wash, 10 lks. wide, course NW.; asc. 280 ft. over SW. slope.

69.30

Spur, slopes NW.; desc. 36 ft. over NW. slope.

76.00

Rocky wash, course SW.; asc. 143 ft. over SW. slope.

80.00

Set an iron post, 3 ft. long, 2 ins. diam., 12 ins. in the ground to bedrock, and in a mound of stone to top, for cor. of secs. 7, 8, 17 and 18, with brass cap mkd.

T14S R27E
S 7 | S 8
S 18 | S 17

1938

from which

An oak, 6 ins. diam., bears N.72°W., 41 lks. dist., mkd. T 14 S R 27 E S 7 BT.

An oak, 6 ins. diam., bears N.31°E., 64 lks. dist., mkd. T 14 S R 27 E S 8 BT.

An oak, 6 ins. diam., bears S.52°E., 73 lks. dist., mkd. T 14 S R 27 E S 17 BT.

An oak, 6 ins. diam., bears S.40°W., 31 lks. dist., mkd. T 14 S R 27 E S 18 BT.

Land, mountainous.
Soil, rocky, 4th rate.
Timber, oak, juniper and pinyon.
Undergrowth, oakbrush, manzanita and cacti.

N.89°55'E., on a random line bet. secs. 8 and 17.

37.82

It being impracticable to measure ahead on line, traverse through natural tunnel.

North 0.58 chs.

N.83°27'E., 1.62 chs.

S.35°30'E., 0.93 chs. to random line at 39.96 chs.

Survey of a Portion of Subdivision of T. 14 S., R. 27 E.

Chains.

- . 40.00 Set temp. $\frac{1}{4}$ sec. cor.
- 80.00 A point 12 lks. N. of cor. of secs. 8, 9, 16 and 17.
Thence
West, on true line bet. secs. 8 and 17.
Over mountainous land,
through thick timber and undergrowth.
Asc. 1153 ft. over SE. slope.
- 40.00 Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the ground to bedrock, with a stone, mkd. X deposited at the base, and in a mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap mkd.
- $$\begin{array}{c} \text{S 8} \\ \hline \text{S 17} \\ 1938 \end{array}$$
- from which
The south peak of the Dos Cabezas Peaks bears South, about 4 chs. dist., and 60 ft. above $\frac{1}{4}$ sec. cor.
- The $\frac{1}{4}$ sec. cor. is located in E. opening of cave formed by overhanging ledges at base of cliff, about 60 ft. high, facing E., and being part of the N. peak of the Dos Cabezas Peaks.
- 42.18 Desc. gradually over boulders on N. slope.
- 46.50 Ridge, bears NW. and SE.; desc. 355 ft. over SW. slope.
- 56.00 Wash, 10 lks. wide, course SW.; asc. 40 ft. over SE. slope.
- 67.50 Spur, slopes SW.; desc. 361 ft. over SW. slope.
- 76.10 Wash, 10 lks. wide, course SW.; asc. 53 ft. over SE. slope.
- 78.20 Spur, slopes SW.; desc. 20 ft. over SW. slope.
- 80.00 The cor. of secs. 7, 8, 17 and 18.
Land, mountainous.
Soil, rocky, 4th. rate.
Timber, oak, juniper and pinon; undergrowth, manzanita and cactus.
-
- West, on a random line bet. secs. 7 and 18.
- 40.00 Set temp. $\frac{1}{4}$ sec. cor.
- 81.63 A point 41 lks. S. of cor. of secs. 7, 12, 13 and 18, on W. bdy. of the Tp., which is a stone, 15x10x8 ins. above ground, set, mkd. and witnessed as described in the official record.
Thence
S. 89° 42' E., on true line bet. secs. 7 and 18.
Over mountainous land, through scattering timber and undergrowth.
Across patented mineral land.

Survey of a Portion of Subdivision of T. 14 S., R. 27 E.

Chains.	
21.65	Ridge, bears NE. and SW.; desc. 236 ft. over SE. slope.
27:25	Wash, 20 lks. wide, course SW.; asc. 471 ft. over SW. slope.
31.49	Intersect the SE. end line 2-3 of the Mayflower patented mining claim, M.S. No. 3134, at 2.02 chs. S. 24° 18' W. of Cor. No. 3; an oak post, 4 ins. square, set, mkd. and witnessed as described in the official record.
	Cor. No. 2 bears S. 24° 18' W., 7.07 chs. dist.; a pine post, 4 ins. square, set, mkd. and witnessed as described in the official record.
	Leave patented land.
39.15	Spur, slopes S.; desc. 11 ft. over SE. slope.
41.63	Set an iron post, 3 ft. long, 1 in. diam., 14 ins. in the ground to bedrock, and in a mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap mkd.
	$\frac{1}{4} \begin{array}{l} S 7 \\ \hline S 18 \\ 1939 \end{array}$ <p style="text-align: right;">from which</p>
	An oak, 6 ins. diam., bears N. 33 $\frac{1}{2}$ ° W., 13 lks. dist., mkd. $\frac{1}{4}$ S 7 B T.
	An oak, 8 ins. diam., bears S. 7° E., 26 lks. dist., mkd. $\frac{1}{4}$ S 18 B T.
	Desc. 6 ft. over SE. slope.
42.25	Wash, 10 lks. wide, course S.; asc. 37 ft. over SW. slope.
47.43	Spur, slopes SW.; desc. 22 ft. over SW. slope.
51.26	Wash, 20 lks. wide, course SW.; asc. 19 ft. over SW. slope.
55.43	Spur, slopes SW.; desc. 84 ft. over SE. slope.
60.83	Wash, 10 lks. wide, course SW.; asc. 153 ft. over SW. slope.
65.85	Spur, slopes S.; desc. 151 ft. over SE. slope.
75.95	Wash, 20 lks. wide, course S. 20° W.; asc. 105 ft. over SW. slope.
81.63	The cor. of secs. 7, 8, 17 and 18.
	<p>Land, mountainous. Soil, rocky, 4th. rate. Timber, oak, juniper and some sycamore; undergrowth; oakbrush, cacti and bear grass.</p>
	N. 0° 03' W., bet. secs. 7 and 8.
	Over mountainous land, through scattering timber and undergrowth.
	Asc. 485 ft. over SW. slope.
14.40	Ridge, bears E. and W.; desc. 390 ft. over NW. slope.
24.30	Wash, 20 lks. wide, course NW.; ascend 132 ft. over SW. slope.

Survey of a Portion of Subdivision of T. 14 S., R. 27 E.

BOOK 4293

- Chains
 29.40 Spur, slopes N.60°W.; desc. 132 ft. over NW. slope.
 33.70 Wash, 10 lks. wide, course N.60°W.; asc. 28 ft. over SW. slope.
 38.20 Spur, slopes SW.; trail on same at turn from S.20°E. to S.20°W.; desc. 49 ft. over NW. slope.
 39.30 Wash, 10 lks. wide, course W.; asc. 21 ft. over SW. slope.
 40.00 Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap mkd.

$\frac{1}{4}$
 S 7 | S 8
 1939

from which

An oak, 8 ins. diam., bears S.28°W., 16 lks. dist., mkd. $\frac{1}{4}$ S 7 BT.

An oak, 6 ins. diam., bears N.60°E., 5 lks. dist., mkd. $\frac{1}{4}$ S 8 BT.

Asc. 17 ft. over SW. slope.

- 43.40 Spur, slopes SW.; a mine dump bears E. 30 lks. dist.; desc. 57 ft. over NW. slope.
 47.90 Wash, 10 lks. wide, course SW.; asc. 338 ft. over SW. slope.
 67.20 Ridge, bears N.70°W. and SE.; desc. 497 ft. over NW. slope.
 70.50 House, bears N.67°E.
 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 22 ins. in the ground to bedrock, and in a mound of stone to top, for cor. of secs. 5, 6, 7 and 8, with brass cap mkd.

T14SR27E
 S 6 | S 5
 S 7 | S 8
 1939

from which

An oak, 10 ins. diam., bears N.35°W., 108 lks. dist., mkd. T14S R27E S6 BT.

An oak, 6 ins. diam., bears N.23°E., 64 lks. dist., mkd. T14S R27E S5 BT.

An oak, 6 ins. diam., bears S.35°E., 18 lks. dist., mkd. T14S R27E S8 BT.

An oak, 8 ins. diam., bears S.79°W., 49 lks. dist., mkd. T14S R27E S7 BT.

Land, mountainous.

Soil, rocky, 4th rate.

Timber, oak, juniper and sycamore; undergrowth, oak brush, manzanita and cacti.

Survey of a Portion of Subdivision of T. 14 S., R. 27 E.

Chains East, on a random line bet. secs. 5 and 8.

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

80.06 A point 24 lks. N. of the cor. of secs. 4, 5, 8 and 9.

Thence

N.89°50'W., on true line bet. secs. 5 and 8.

Over mountainous land, through thick timber and undergrowth.

Asc. 208 ft. over SE. slope.

7.25 Spur, slopes N.; continue ascent of 249 ft. over NE. slope.

17.50 Spur, slopes N.; desc. 36 ft. over NW. slope.

23.00 Wash, 10 lks. wide, course NE.; asc. 150 ft. over NE. slope.

27.25 Divide, bears N.15°E. and S.15°W.; desc. 278 ft. over NW. slope.

37.55 Wash, 10 lks. wide, course N.20°E.; asc. 43 ft. over SE. slope.

39.25 Spur, slopes NE.; desc. gradually along NW. slope.

40.03 Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the ground to bedrock; and in a mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap mkd.

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

1939

from which

A juniper, 20 ins. diam., bears N.15°E., 46 lks. dist., mkd. $\frac{1}{4}$ S 5 BT.

An oak, 6 ins. diam., bears S.10°W., 20 lks. dist., mkd. $\frac{1}{4}$ S 8 BT.

Desc. gradual NW. slope.

45.20 Wash, 15 lks. wide, course NE.; asc. 493 ft. over SE. slope.

60.20 Spur, slopes NE.; desc. 136 ft. over NW. slope.

69.20 Wash, 15 lks. wide, course N.20°E.; asc. 144 ft. over NE. slope.

78.50 Ridge, bears N.20°E. and S.20°W.; desc. 18 ft. over NW. slope. to cor.

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

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

Survey of a Portion of Subdivision of T. 14 S., R. 27 E.

BOOK 4287

Chains	N.89°42'W., on a random line bet. secs. 6 and 7.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
82.03	A point 12 lks. N. of the cor. of secs. 1,6,7 and 12, on W. bdy. of the Tp., which is a granite rock, firmly set, and projecting 9 ins. above ground, mkd. and witnessed as described in the field notes of that portion of the W. bdy. of T.14 S., R.27 E., resurveyed in 1915. Thence
	S.89°47'E., on true line bet. secs. 6 and 7.
	Over mountainous land, through heavy timber and undergrowth.
	Desc. 74 ft. over NE. slope.
1.25	Wash, 10 lks. wide, course N.; asc. 52 ft. over NW. slope.
5.20	Spur, slopes N.; desc. 127 ft. over NE. slope.
13.15	Road, bears NW. and SE.
16.45	Gold Gulch, 40 lks. wide, course NW.; asc. 345 ft. over W. slope.
32.00	4-strand wire fence, bears NE. and SW.
36.95	Spur, slopes S.; desc. 28 ft. over SE. slope.
42.03	Set an iron post, 3 ft. long, 1 in. diam., 8 ins. in the ground to bedrock, and in a mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap mkd.
	$\frac{1}{4} \frac{S 6}{S 7}$ 1939
	from which
	An oak, 14 ins. diam., bears N.67°W., 56 lks. dist., mkd. $\frac{1}{4}$ S 6 BT.
	An oak, 8 ins. diam., bears S.75°E., 31 lks. dist., mkd. $\frac{1}{4}$ S 7 BT.
	Descend gradually to
47.35	Wash, 10 lks. wide, course SW.; asc. 751 ft. over SW. slope.
50.53	4-strand wire fence, bears NW. and SE.
64.95	Divide, bears NW. and SE.; desc. 325 ft. over NE. slope.
73.63	Wash, 20 lks. wide, course NE.; asc. 118 ft. over NW. slope.
82.03	The cor. of secs. 5,6,7 and 8.
	Land, mountainous. Soils, rocky, 4th rate. Timber, oak and juniper; undergrowth, oak brush, manzanita and cacti.

Chains	<p>N.0°03'W., bet. secs. 5 and 6.</p> <p>Over mountainous land, through heavy timber and undergrowth.</p> <p>Desc. 970 ft. over steep NW. slope.</p> <p>32.20 Wash, 25 lks. wide, course NE.; asc. 86 ft. over SE. slope.</p> <p>35.90 Spur, slopes NE.; desc. 55 ft. over NW. slope.</p> <p>38.50 Wash, 10 lks. wide, course E.; asc. 32 ft. over SE. slope.</p> <p>40.00 Set an iron post, 3 ft. long, 1 in. diam., 6 ins. in the ground to bedrock, and in a mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap mkd.</p> <p style="text-align: center;">$\frac{1}{4}$ S 6 S 5 1939</p> <p style="text-align: right;">from which</p> <p>An oak, 6 ins. diam., bears S.42°E., 97 lks. dist., mkd. $\frac{1}{4}$ S 5 BT.</p> <p>An oak, 6 ins. diam., bears S.4°W., 93 lks. dist., mkd. $\frac{1}{4}$ S 6 BT.</p> <p>Simmons peak, bears S.81°45'W.</p> <p style="text-align: right;">E.C.S.P.</p> <p>Asc. 35 ft. over SE. slope.</p> <p>43.00 Spur, slopes NE.; desc. 123 ft. over NW. slope.</p> <p>48.00 Wash, 10 lks. wide, course NE.; asc. 17 ft. over SE. slope.</p> <p>50.30 Spur, slopes E.; desc. 22 ft. over NE. slope.</p> <p>51.10 Wash, 10 lks. wide, course E.; asc. 25 ft. over SE. slope.</p> <p>52.30 Spur, slopes E.; desc. 46 ft. over NE. slope.</p> <p>54.00 Wash, 10 lks. wide, course NE.; asc. 21</p> <p>55.80 Spur, slopes E.; desc. 140 ft. over N. slope.</p> <p>60.70 Wash, 20 lks. wide, course N.80°E.; asc. 260 ft. over SE. slope.</p> <p>76.30 Spur, slopes NE.; desc. 219 ft. over NE. slope.</p> <p>79.00 Wash, 10 lks. wide, course NE.; asc. 30 ft. over SE. slope.</p> <p>82.30 Intersect N. bdy. of the Tp., 170 lks. E. of cor. of secs. 5, 6, 31 and 32, which is an iron post, 3 ins. diam., firmly set, projecting 14 ins. above ground and mound of stone, mkd. and witnessed as described in the official record.</p> <p>This post now refers to cor. of secs. 31 and 32 only, of T. 13 S. Alter the marks on brass cap to read as follows:</p> <p style="text-align: center;">T13SR27E S31 S32 — — S 6 T14SR27E 1939</p> <p>I remove the marks on bearing trees S. of line.</p>
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Survey of a Portion of Subdivision of T.14 S., R.27 E.

chains

At point of intersection,

Set an iron post, 3 ft. long, 2 ins. diam., 14 ins. in the ground to bedrock, and in a mound of stone to top, for closing cor. of secs. 5 and 6, with brass cap mkd.

$$\begin{array}{r} T13S R27E \\ \quad S 32 \\ \hline S 6 | S 5 \\ T14S R27E \\ \quad C C \end{array}$$

1939

from which

An oak, 6 ins. diam., bears S.77°E., 55 lks. dist., mkd. CC T 14 S R 27 E S 5 BT.

An oak, 8 ins. diam., bears S.57°W., 81 lks. dist., mkd. CC T 14 S R 27 E S 6 BT.

Land, mountainous.

Soil, rocky, 4th rate.

Timber, oak and juniper.

Undergrowth, oakbrush, manzanita and cacti.

Final Test of Solar Attachment.

March 13, 1939: At camp near the center of sec. 21, T.14 S., R.27 E., G. & S.R. meridian, at 8h 15m p.m., l.m. t., observe Polaris at western elongation, making four observations, two each with the telescope in direct and reversed positions, and marking the mean point in the line thus determined by a tack set in top of a peg driven firmly in the ground, about 5 chs. N.

March 14; after sunrise I lay off the azimuth of Polaris, 1°12', to the east, and mark the meridian thus determined by a tack set in top of a peg driven firmly in the ground, about 5 chs. N.

At 9h 0m a.m., app.t., set off 32°12'N., on the latitude arc; 2°41'S., on the decl. arc; and orient the instrument with the solar; the line of sight agrees with the meridian established by Polaris observation.

At app.noon, with lat. arc unchanged; observe the sun on the meridian; the resulting reading of the decl. arc is 2°38' S., which agrees with the computed declination of the sun.

At 3h 0m p.m., app.t., with lat. arc unchanged; set off 2°35'S., on the decl. arc; and repeat the test of the solar; the line of sight agrees with the meridian established by Polaris observation.

Conclude the instrument has been maintained in satisfactory adjustment.

March 14, 1939.

GENERAL DESCRIPTION.

Land: rough and broken mountainous, ranging in elevation from about 4500 ft. to 8,000 ft. above sea level, lying all within the Dos Cabezas mountains; the highest points of this range, being the two peaks known as the North and South Peaks, are near the line bet. secs. 8 and 17.

Soil: rocky, 4th rate prevails.

Timber: oak, juniper and pinyon predominate, with sycamore growing along some of the larger washes.

Undergrowth: oak brush, manzanita, cacti and bear grass.

Settlement: some miners live in secs. 16 and 21, where many houses were standing, the unoccupied at the time of this survey. The Mascot mine, which once operated on a large scale, is in sec. 21. No mining activities were being carried on at the time of survey. The Elma mine, in sec. 9, is surrounded by houses.

Water: a spring in sec. 9 is developed and formerly supplied the needs of the Elma property in the matter of water- a developed spring is in sec. 3- another is in sec. 23- another in sec. 6- two in sec. 18- a well of water in sec. 12 and another in sec. 13. There is also running water along the main wash in sec. 21, and in Gold Gulch, in secs. 6 and 7.

Roads: a once well kept mountain road crosses secs. 21 and 16 and ends in sec. 9, at the Elma mine. Another one time good road crosses the W. bdy. of the Tp., in sec. 6, and ends about the center of sec. 7.

Mineral: once a heavily developed mining region yielding copper, silver and some gold.

Industry: the lands are suitable for grazing.
The mean magnetic declination is $13^{\circ} 45'$ E.

4-680
(Revised May 1934)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GENERAL LAND OFFICE

FIELD ASSISTANTS

NAMES	CAPACITY
Irwin B. Williams	Principal Assistant
Harold K. Ruddell	Chainman
Jack Bowker	Chainman
Jack Williams	Flagman
Amos R. Roten	Cornerman
John G. Coverdale	Axeman
Clifford Cline	Axeman

CERTIFICATE OF SURVEYOR

BOOK 2295

I Benjamin J. Kinsey, Associate Cadastral Engineer
I, / General Land Office, HEREBY CERTIFY upon honor that, in
pursuance of special instructions bearing date of the 5 th day of October, 1938,
received from the district cadastral engineer for Arizona, with assignment
instructions dated NOV. 28, 1938, I have surveyed resurveyed and surveyed a
portion of the subdivisional lines, completing the subdivision of
Township 14 South, Range 27 East,

Gila and
of the / Salt River 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 said
resurvey and
/ survey has been made in strict conformity with said instructions, the Manual of Instructions for the Survey
of the Public Lands of the United States, and in the specific manner described in the foregoing field notes.

Phoenix
Arizona

Benjamin J. Kinsey
Dec. 21, 1942

Associate Cadastral Engineer
General Land Office
(Formerly Cadastral Engineer)

CERTIFICATE OF APPROVAL

OFFICE OF SUPERVISOR OF SURVEYS,

Denver, Colorado, August 12, 1944

The foregoing field notes of the survey of resurvey and survey of a portion of the
subdivisional lines, completing the subdivision of Township 14 South,
Range 27 East, of the Gila and Salt River Meridian, in the State of
Arizona,

executed by Benjamin J. Kinsey, Cadastral Engineer, General Land Office,
under special instructions dated October 5, 1938, and assignment
instructions dated November 28, 1938, having been critically examined, and
the necessary corrections made prior to their certification by the engineer, the said field notes, and the survey
therein described, are hereby approved.

Supervisor of Surveys.

~~CERTIFICATE OF TRANSCRIPT~~

~~I certify that the foregoing transcript of the field notes of the above described surveys in~~
~~is a true copy of the original field notes on file in the public survey office.~~

~~Supervisor of Surveys.~~