

4-679
(April 1933)

Book C.

BOOK 4034

FIELD NOTES

of the

dependent resurvey of the section boundaries and the metes-and-bounds
survey of bodies of land, classified as mineral bearing, included with-
in the Marian, South Pass and Eclipse Mining Claims, in section 29,
Township 3 North, Range 3 East.

4034

Of the Gila and Salt River Meridian,

In the State of Arizona

EXECUTED BY

Francis E. Joy, U.S. Cadastral Engineer,

Under special instructions dated October 4, 1933, which provided
for the surveys included under Group No. 187, bearing the approval of the
Commissioner of the General Land Office under date of October 30, 1933
and assignment instructions dated October 24, 1933.

Survey commenced October 30, 1933.

Survey completed November 8, 1933.

4034

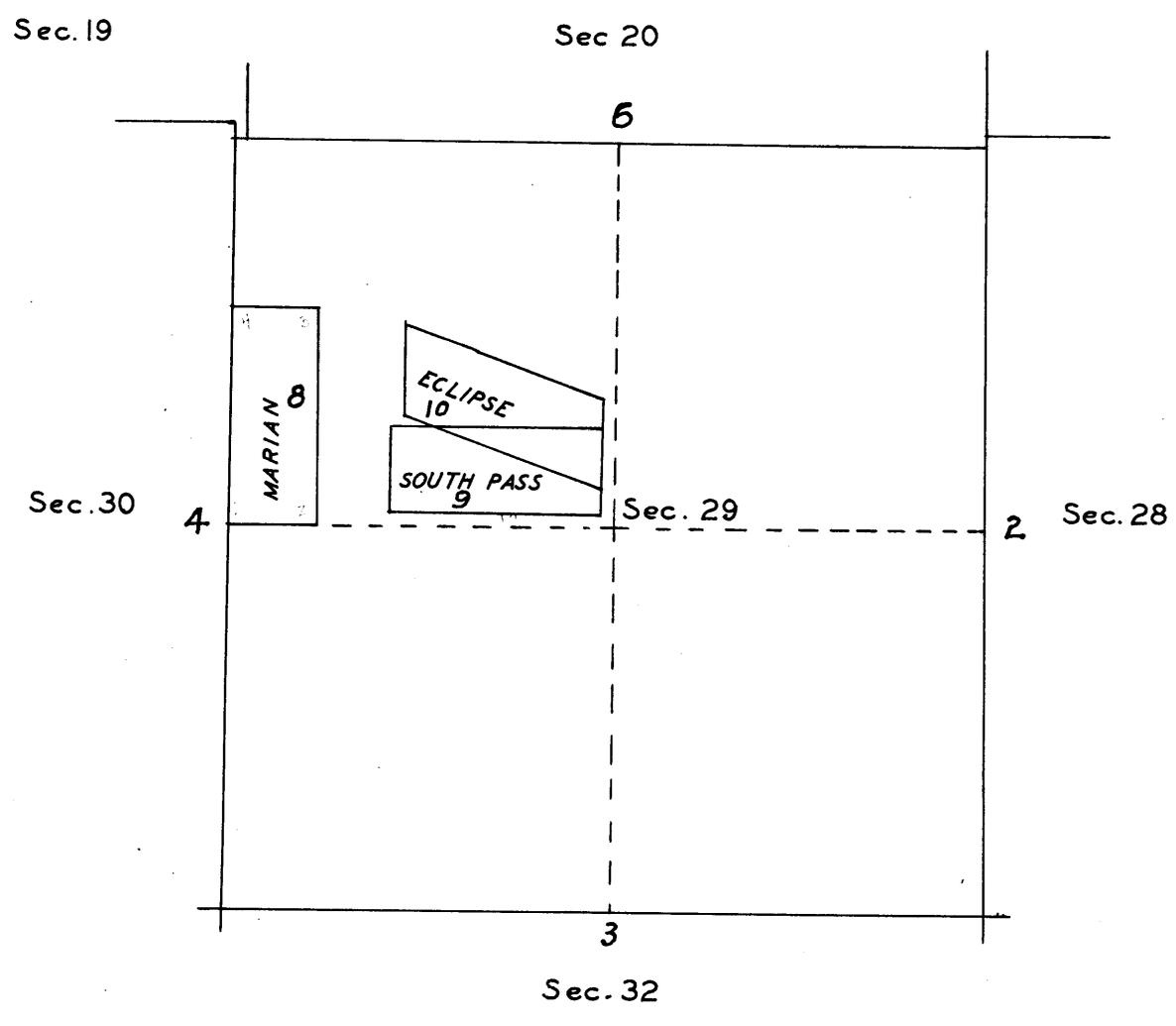
INDEX DIAGRAM.

Township _____, Range _____

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BOOK 4034

INDEX DIAGRAM
T. 3 N., R. 3 E., G. & S. R. M., ARIZONA.



Resurvey of a Portion of the Subdivisional Lines of
T. 3 N., R. 3 E.

Chains.

The segregation survey of certain mining claims and the resurvey of the boundaries of sec. 29, T. 3 N., R. 3 E., Gila and Salt River Base and Meridian, were executed with a light mountain transit, made by Buff and Buff, Serial No. 16723, constructed in accordance with the standard specifications of the General Land Office. The horizontal circle has a diameter of $4\frac{1}{2}$ inches, with two double opposite verniers reading to single minutes; the vertical circle has a diameter of 4 inches, with one double vernier reading to single minutes. The instrument is equipped with the improved Smith solar attachment; radius of the latitude arc $2\frac{1}{2}$ inches, and of the declination arc $3\frac{1}{2}$ inches, each with verniers reading to single minutes. The instrument was in good condition, and having been placed in satisfactory adjustment prior to beginning the survey, and tested and found free from appreciable error, was approved by the district cadastral engineer on October 24, 1933. I examine all the instrumental adjustments before making the field tests hereinafter recorded.

The direction of all lines were determined by the solar transit method. The measurements were made with a Lallie steel tape, 5 chains in length, graduated every link for the first 100 links, and the remainder at intervals of 10 links. The tape was tested by comparison with a Keuffel and Esser standard and found correct. The measurements were made on the slope, and the vertical angle of each interval was ascertained by a clinometer in good adjustment; the horizontal equivalents are entered in the field note record.

The data furnished with the special instructions gives the geographic position of the SE. cor. of sec. 29, T. 3 N., R. 3 E., as follows: latitude $33^{\circ} 33' 51''$ N. and the longitude $112^{\circ} 03' 50''$ W.

October 30, 1933, in camp near the $\frac{1}{2}$ sec. cor. bet. secs. 29 and 30, at 5h 46m p. m. by my watch, which reads correct 105th meridian time, or 5h 18m p. m., l. m. t., I make an hour angle observation on Polaris, for latitude and azimuth, east of the meridian, three each with the telescope in direct and reversed positions, reading the vertical angle, and reading the horizontal deflection angle from a cactus about 1 mile distant on sky line in the direction N - E to Polaris.

Mean horizontal angle, cactus to Polaris	$0^{\circ} 09' 10''$ N-E.
Azimuth of Polaris	$1^{\circ} 16' 00''$ E.
True bearing to cactus	$N. 1^{\circ} 06' 50''$ E.
Mean observed vertical angle	$33^{\circ} 39' 20''$
Reduced latitude	$33^{\circ} 34' 27''$ N.

October 31, 1933, every hour from 8 to 11 a. m. and from 1 to 4 p. m., I make proper settings on the arcs of the solar attachment and ascertain that the resulting orientation of the instrument, when compared with the meridian established by Polaris observation, has a maximum error of less than $1' 30''$.

I repeat the tests of the arcs daily by noon observation and verify the meridional indications at frequent intervals throughout the survey.

Resurvey of a Portion of the Subdivisional Lines of
T. 3 N., R. 3 E.

Chains.

The west and south boundaries and the $S\frac{1}{2}$ of the east boundary of sec. 29 were surveyed by Andrew Barry, U. S. Deputy Surveyor, in 1889. The $N\frac{1}{2}$ of the east boundary and the $W\frac{1}{2}$ of the N. boundary of sec. 29 were surveyed by J. H. Martineau, U. S. Deputy Surveyor, in 1893. In 1912 Sidney E. Blout, U. S. Cadastral Engineer, made a survey of the $E\frac{1}{2}$ and a resurvey of the $W\frac{1}{2}$ of the N. bdy. of sec. 29.

From the cor. of secs. 28, 29, 32 and 33.

North, on a random line bet. secs. 28 and 29.

40.00 No trace of the $\frac{1}{4}$ sec. cor. found. Set temp. cor.

80.04 A point 55 lks. W. of the cor. of secs. 21 and 28.

Return to the cor. of secs. 28, 29, 32 and 33, which is a slate stone, 10 x 8 ins., 4 ins. below the surface, marked on top with a cross (x) and S28. From which,

The NW. end of shoulder of concrete base for gas pumps, bears S. 50° W., $89\frac{1}{2}$ lks. dist.

At points S. 45° E. and N. 45° W., 71 lks. dist. from cor.

Set iron posts, 3 ft. long, 2 ins. diam., 32 ins. in the ground, for witness cors. of secs. 28, 29, 32 and 33, with brass caps mkd.

	W	C
T3N	R3E	
S29	S28	
S32	S33	
19	33	

This cor. is at the intersection of 7th St. and Dunlap Ave. and the Cave Creek road from the NE. joins at this point.

Thence

N. 0° 24' E., on a true line along the W. bdy. of sec. 28.

Over slightly rolling land and along the extension of 7th Street.

10.00 Church Ave., extends W.

14.30 Power line, bears NE. and SW.

25.30 Carol Ave., extends E.

30.00 Vogel Ave., extends E.

40.11 Set an iron post, 3 ft. long, 1 in. diam., 42 ins. in the ground, for $\frac{1}{4}$ sec. cor., with a brass cap mkd.,

	$\frac{1}{4}$
S29	S28
19	33

At points N. 45° E. and S. 45° W., 71 lks. dist. from cor.

Set iron posts, 3 ft. long, 1 in. diam., 32 ins. in the ground, for witness $\frac{1}{4}$ sec. cors., with brass caps mkd.

Resurvey of a Portion of the Subdivisional Lines of
T. 3 N., R. 3 E.

Chains.

W C
1/4
S29 | S28
19 | 33

From the 1/4 sec. cor. Mountain View road, bears E.

52.10 Wash, 6 lks. wide, 2 ft. deep, course SW.

63.75 Wash, 10 lks. wide, 2 ft. deep, course SE.

74.70 Wash, 15 lks. wide, 2 ft. deep, course SE.

79.08 The closing cor. of secs. 20 and 29, which is an iron post, 2 ins. diam., 12 ins. above ground, firmly set, marked and witnessed as described in the official record.

80.04 The cor. of secs. 21 and 28, which is a granite stone, 14 x 10 x 4 ins., above ground, marked with 1 notch on an edge, remainder of marks obliterated, with an iron pipe, 1 in. diam., 6 ins. above ground, alongside, in a small mound of stone.

At point for cor.

Set an iron post, 3 ft. long, 2 ins. diam., 18 ins. in the ground to bedrock, with original corner stone and pipe alongside, and a granite stone, 6 x 5 x 4 ins., mkd. X, deposited at the base, and in a mound of stone to top, for cor. of secs. 21 and 28, with brass cap mkd.,.

T3N
S21
S20 | S28
R3E
1933

Land, rolling.
Soil, gravelly; 3rd rate.
Timber, scattering juniper.

From the cor. of secs. 29, 30, 31 and 32.

East, on a random line bet. secs. 29 and 32.

39.84 A point 115 lks. S. of the point for 1/4 sec. cor.

Thence from point for the 1/4 sec. cor.

East, on a random line bet. secs. 29 and 32.

40.02 A point 14 lks. S. of the cor. of secs. 28, 29, 32 and 33.

Thence

S. 89° 48' W. on a true line bet. secs. 29 and 32.

Over nearly level land, along Dunlap Avenue.

25.00 Forest Avenue, extends S.

35.00 Olive Avenue, extends S.

40.02 Set an iron post, 3 ft. long, 1 in. diam., 44 ins. in the ground, for 1/4 sec. cor., with a brass cap mkd.,

Resurvey of a Portion of the Subdivisional Lines of
T. 3 N., R. 3 E.

Chains.

$$\frac{1}{4} \begin{array}{l} \text{S } 29 \\ \text{S } 32 \\ 1933 \end{array}$$

from which,

A light pole, bears S. $72^{\circ} 40'$ E., 122.3 lks. dist.A light pole, bears S. $43^{\circ} 45'$ W., 99.2 lks. dist.

This point for corner was determined from the foregoing ties to light poles, secured from William H. Becker, Civil Engineer of Phoenix, who states that the original stone corner was in position in 1929, and that the ties were made by himself. This point for corner agrees with Dunlap Ave., extending east, and with Central Ave. extending south into Phoenix.

At points N. 45° E. and S. 45° W., 71 lks. dist. from this corner,

Set iron posts, 3 ft. long, 1 in. in diam., 36 ins. in the ground, for witness $\frac{1}{4}$ sec. cors., with brass caps mkd.

$$\begin{array}{c} \text{W C} \\ \frac{1}{4} \text{S } 29 \\ \text{S } 32 \\ 1933 \end{array}$$

S. $88^{\circ} 21'$ W., on a true line bet. secs. 29 and 32.

Over level desert land.

29.65 Arizona Canal, 50 lks. wide, course N. 70° W.

31.50 Road along canal bank, bears N. 70° W. and S. 65° E.

39.86 The cor. of secs. 29, 30, 31 and 32, which is a slate stone, 8 x 4 ins., 8 ins. below the surface, firmly set, marked with 1 notch on S. edge. No other marks found.

At points N. 45° W. and S. 45° E., 50 lks. dist. from cor.,

Set iron posts, 3 ft. long, 2 ins. diam., 32 ins. in the ground, for witness cors. of secs. 29, 30, 31 and 32, with brass caps mkd.

$$\begin{array}{c} \text{W C} \\ \text{T3N} \mid \text{R3E} \\ \text{S30} \mid \text{S29} \\ \hline \text{S31} \mid \text{S32} \\ 19 \ 33 \end{array}$$

A U. S. Reclamation tablet set in head wall of ditch headgate, bears S. $56^{\circ} 00'$ W., 56 lks. dist., no elevation marked.

Land, nearly level.

Soil, gravelly; 2nd and 3rd rates.

Timber, none; undergrowth, greasewood.

North, on a random line; bet. secs. 29 and 30.

40.92 A point 23 lks. E. of the $\frac{1}{4}$ sec. cor.

Thence from cor.

Resurvey of a Portion of the Subdivisional Lines of
T. 3 N., R. 3 E.

Chains.

- North, on a random line bet. secs. 29 and 30.
- 39.96 A point 13 lks. W. of the cor. of secs. 19, 20, 29 and 30, as set by Deputy Barry in 1889.
- Return to cor. of secs. 29, 30, 31 and 32.
- Thence,
- N. 0° 19' W., on a true line bet. secs. 29 and 30.
- Over level land, along road.
- 3.92 Road along canal bank, bears N. 72° W. and S. 72° E.
- 4.56 Arizona Canal, 50 lks. wide, course N. 72° W.; thence over level desert land, through undergrowth.
- 5.61 U. S. Reclamation Service post, bears E. 2 lks. dist., an iron post, 2 ins. diam., 4 ins. above ground, firmly set and unmarked.
- 8.80 Road, bears E. and W.
- 19.00 Road, bears NW. and SE.
- 28.15 Road, bears NW. and SE. Leave level land and ascend 166 ft. over SE. slope of hill.
- 39.60 Top of ascent on E. side of top of hill. Descend 36 ft. over N. slope.
- 40.92 The $\frac{1}{4}$ sec. cor., which is a granite stone, 6 x 6 x 12 ins. above ground, firmly set, marked $\frac{1}{4}$ on N. face.
- At point for cor., with orig. corner stone alongside,
- Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for $\frac{1}{4}$ sec. cor. and Cor. No. 1. of the Marian Mining Claim, with brass cap mkd.,
- S30 | MMC
1
S29
1933
- from which,
- E. I. Sweets house, 14 x 30 ft., bears N. 62° 45' E., 6.26 chs. dist.
- A shaft, 106 ft. deep, 35 ft. drift, bears N. 42° 45' E., 3.23 chs. dist.
- Rebuild mound of stone, 4 ft. base, 3 ft. high, W. of corner.
- N. 0° 11' E., on a true line bet. secs. 29 and 30.
- Descend 105 ft. over N. slope.
- 5.00 Foot of hill, thence over rolling land.
- 7.50 Wash, 8 lks. wide, 2 ft. deep, course SW.
- 8.85 Road, bears NW. and SE.

Resurvey of a Portion of the Subdivisional Lines of
T. 3 N., R. 3 E.

Chains.

10.75 Same road, bears NE. and SW.

20.00 Wash, 5 lks. wide, course SW.

26.30 Wash, 10 lks. wide, 5 ft. deep, course SW.

36.70 Wash, 10 lks. wide, 6 ft. deep, course SW.

39.51 A point N. $89^{\circ} 57'$ W., 80.54 chs. dist., from the closing cor. of secs. 20 and 29 and 1.22 chs. N. $89^{\circ} 57'$ W., from the Martineau cor. of secs. 19, 20, 29 and 30.

Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground, for cor. of secs. 19 and 29, with a brass cap mkd.

S30
T3N
S19
S29
R3E
1933

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

Two original cors. of secs. 19, 20, 29 and 30, were found during this resurvey, the cor. established by Deputy Andrew Barry while executing surveys in 1889, and the cor. established by Deputy J. H. Martineau while executing surveys in 1893. According to the record there should be only one cor., but as both corners are authentic original corners and govern areas dependent thereon, the method of procedure adopted in this resurvey as to the cor. of secs. 19 and 20, 19 and 29, and for sec. 30 only, is deemed the most feasible.

39.96 The cor. of secs. 19, 20, 29 and 30, set by Deputy Barry in 1889, which is a gray slate stone, 8 x 8 x 12 ins. above ground, marked with 2 notches on the S. and 5 notches on the E. edges.

At point for cor.,

Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground, with the orig. cor. stone alongside, for the cor. of sec. 30, only, with brass cap mkd.,

S 19
S30
T3N
R3E
1933

raise a mound of stone, 4 ft. base, 3 ft. high, SW. of cor.

Land, level and rolling.
Soil, gravelly; 2nd and 4th rates.
Timber, none; undergrowth, greasewood.

From the closing cor. of secs. 20 and 29.
N. $89^{\circ} 57'$ W., on a true line bet. secs. 20 and 29.
Over rolling SE. slopes through scattering timber and undergrowth.

5.30 Rocky wash, 20 lks. wide, 1 ft. deep, course SE.

10.30 Rocky wash, 20 lks. wide, 2 ft. deep, course SE. Ascend

Resurvey of a Portion of the Subdivisional Lines of
T. 3 N., R. 3 E.

Chains.	214 ft. over E. slope.
18.65	Spur, slopes S.; descend 78 ft. over SW. slope.
21.20	Head of canyon, course S. Ascend 166 ft. over SE. slope.
28.90	Spur, slopes SW. Descend 139 ft. over SW. slope.
31.70	Bottom of canyon, course S. Ascend 112 ft. over SE. slope.
39.30	Spur, slopes S. Descend 22 ft. over NW. slope.
39.68	At proportional point, based on the survey of Deputy Martineau in 1893 and the survey of Engineer Blout in 1912, 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., $\frac{1}{4}$ $\frac{S}{S}$ $\frac{20}{29}$ 1933 raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor. Descend 202 ft. over NW. slope.
50.00	Gulch, 20 lks. wide, 10 ft. deep, course S., thence descend 110 ft. over SW. slope.
76.20	Road, bears N. and S. Thence over rolling land.
78.50	Rocky wash, 25 lks. wide, 5 ft. deep, course SW.
79.32	The cor. of secs. 19, 20, 29 and 30, set by Deputy Martineau in 1893, which is a malpais stone, 14 x 10 x 8 ins. above ground, firmly set and marked with 2 notches on S. and 5 notches on E. edges. As this cor. now refers to secs. 19 and 20 only, at a point for corner, Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground, with the orig. cor. stone alongside, for cor. of secs. 19 and 20, with brass cap mkd. $\frac{T3N}{S19}$ $\frac{R3E}{S20}$ S29 1933 raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor. For statement relative to the corners of secs. 19, 20, 29 and 30, see line bet. secs. 29 and 30. Thence with continuous alinement and measurement bet. secs 19 and 29.
80.54	The cor. of secs. 19 and 29, hereinbefore described. Land, mountainous. Soil, stony; 4th rate. Timber, scattering juniper; undergrowth, greasewood.

Segregation Surveys in T. 3 N., R. 3 E.

Chains.

Metes and bounds surveys of bodies of land classified as mineral bearing, but not covered by mineral patent surveys in sec. 29, T. 3 N., R. 3 E.

The mineral claimants were on the ground and identified the position of each claim.

Marian Mining Claim.

Beginning at Cor. No. 1, which is identical with the $\frac{1}{4}$ sec. cor. bet. secs. 29 and 30, hereinbefore described, and from which,

Discovery monument, alongside a shaft, 4 x 6 ft., 10 ft. deep, bears N. 49° 43' E., 5.94 chs. dist.; a mound of stone, 4 ft. base, 4 ft. high.

East, along S. end line of the Marian Mining Claim.

Along N. slope of hill, through brush.

1.40 Spur, slopes NE.; descend 106 ft. over SE. slope.

7.10 Road, bears NW. and SE.; foot of hill, thence over rolling land.

8.10 Road, bears N. and S.

9.091 Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for Cor. No. 2 of the Marian Mining Claim, with brass cap mkd.,

MMC
2

1933

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

A corner of the location, bears S. 22° 15' E., 40 lks. dist.; a mound of stone, 3 ft. base, 1½ ft. high.

N. 0° 11' E., along the E. side line of the Marian Mining Claim.

Over rolling land, through scattering juniper and undergrowth.

13.80 Wash, 15 lks. wide, 4 ft. deep, course W.

22.727 Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for Cor. No. 3 of the Marian Mining Claim, with brass cap mkd.,

3
MMC

1933

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

A corner of the location, bears N. 6° 45' E., 1.03 chs. dist.; a mound of stone, 3 ft. base, 4 ft. high.

West, along N. end line of the Marian Mining Claim.

Segregation Survey in T. 3 N., R. 3 E.

BOOK 4084

Chains.

Over rolling land, through scattering juniper and undergrowth.

6.10 Road, bears NE. and SW.

9.091 Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for Cor. No. 4 of the Marian Mining Claim, with a brass cap mkd.,

4
MIMC
1933

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

A cor. of the location, bears N. 2° W., 94 lks. dist.; a mound of stone, 3 ft. base, 2½ ft. high.

S. 0° 11' W., along the W. side line of the Marian Mining Claim, and bet. secs. 29 and 30.

Over rolling land.

2.72 Wash, 5 lks. wide, course SW.

11.97 Road, bears NE. and SW.

13.87 Same road, bears NW. and SE.

15.22 Wash, 8 lks. wide, 2 ft. deep, course SW.

17.72 To foot of hill, ascend 105 ft. over N. slope.

22.727 Cor. No. 1 and place of beginning.

Area of the Marian Mining Claim 20.661 Acres.

South Pass Mining Claim.

Set an iron post, 3 ft. long, 1 in. diam., 16 ins. in the ground, to bedrock, with a granite stone, 7 x 6 x 4 ins., mkd. X, deposited at the base, and in a mound of stone to top, for Cor. No. 1 of the South Pass Mining Claim, with brass cap mkd.,

SP MC
1
1933

A corner of the location, bears S. 84° 30' W., 1.64 chs. dist.; a mound of stone, 3 ft. base, 2½ ft. high.

The ¼ sec. cor. bet. secs. 29 and 30, hereinbefore described, bears S. 87° 20' W., 17.54 chs. dist.

S. 88° 52' E., along S. side line of the South Pass Mining Claim.

Ascend 167 ft. over W. slope, through scattering juniper and undergrowth.

9.85 Spur, slopes SW. Descend 176 ft. over SE. slope.

20.87 Wash, 30 lks. wide, 5 ft. deep, course SW.

22.00 Road, bears NE. and SW.

Segregation Survey in T. 3 N., R. 3 E.

Chains.

- 22.727 Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for Cor. No. 2 of the South Pass Mining Claim, with brass cap mkd.,

SP MC

2

1933

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

A corner of the location, bears South, 17 lks. dist.; an iron pipe, $1\frac{1}{2}$ ins. diam., 4 ins. above ground, set in a small mound of stone. Apparently this cor. has been established by local engineers for the center $\frac{1}{4}$ sec. cor. of sec. 29.

The $\frac{1}{4}$ sec. cor. bet. secs. 29 and 32, hereinbefore described, bears S. $0^{\circ} 18' W.$, 40.14 chs. dist.

North, along the E. end line of the South Pass Mining Claim.

Over rolling land, through scattering juniper and greasewood.

- .75 Road, bears NE. and SW.
- 1.85 Wash, 30 lks. wide, 5 ft. deep, course SW.
- 4.545 A corner of the location, bears S. $88^{\circ} 52' E.$, 2 lks. dist.; a mound of stone, 3 ft. base, $2\frac{1}{2}$ ft. high.
- 9.091 Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, for Cor. No. 3 of the South Pass Mining Claim, with brass cap mkd.,

SP MC

3

1933

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

A corner of the location, bears N. $53^{\circ} 30' E.$, 36 lks. dist.; a mound of stone, 3 ft. base, 3 ft. high.

N. $88^{\circ} 52' W.$, along N. side line of the South Pass Mining Claim.

Ascend 210 ft. over SE. slope, through scattering juniper and greasewood.

- 10.00 Spur, slopes SW., descend 180 ft. over SW. slope.
- 22.727 Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for Cor. No. 4 of the South Pass Mining Claim, with brass cap mkd.,

SP MC

4

1933

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

A cor. of the location, bears N. $29^{\circ} 30' W.$, 1.96 chs.

Segregation Survey in T. 3 N., R. 3 E.

Chains.

dist.; a mound of stone, 3 ft. base, 3 ft. high.
South, along W. end line of the South Pass Mining Claim.

Descending slightly, through scattering juniper and greasewood.

4.24 An open cut, 4 x 10 ft., 6 ft. deep, bears S. 88° 52' E., 15.30 chs. dist.

4.545 A corner of the location, bears N. 88° 52' W., 1.12 chs. dist.; a mound of stone, 3 ft. base, 3 ft. high.

5.34 A shaft, 4 x 6 ft., 6 ft. deep, bears S. 88° 52' E., 5.90 chs. dist.

9.091 Cor. No. 1 and place of beginning.

Area of the South Pass Mining Claim 20.657 Acres.

Eclipse Mining Claim.

Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the ground to bedrock, with a granite rock, 6 x 6 x 5 ins., mkd. X, deposited at the base, and in a mound of stone to top, for Cor. No. 1 of the Eclipse Mining Claim, with brass cap mkd.,

E MC
1

1933

A corner of the location, bears N. 70° 45' W., 2.36 chs. dist.; a mound of stone, 3 ft. base, 3 ft. high.

A shaft, 6 x 8 ft., 10 ft. deep, bears S. 79° 00' E., 2.30 chs. dist.

The $\frac{1}{4}$ sec. cor. bet. secs. 29 and 30, hereinbefore described, bears S. 60° 00' W., 21.68 chs. dist.

S. 70° 45' E., along the S. side line of the Eclipse Mining Claim.

Ascend 125 ft. over SW. slope, through scattering juniper and undergrowth.

3.04 Intersect line 3 - 4, South Pass Mining Claim, of this Survey, at S. 88° 52' E., 4.117 chs. dist. from Cor. No. 4.

11.00 Spur, slopes SW. Descend 145 ft. over SE. slope.

22.727 Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for Cor. No. 2 of the Eclipse Mining Claim, with brass cap mkd.,

E MC
2

1933

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

Segregation Survey in T. 3 N., R. 3 E.

Chains.

A corner of the location, bears S. 6° 15' E., 71 lks. dist.; a mound of stone, 2 ft. base, 2 ft. high.

North, along E. end line of the Eclipse Mining Claim, and along line 2 - 3 of the South Pass Mining Claim.

Over rolling land, through scattering juniper and undergrowth.

4.81 A corner of the location, bears S. 70° 45' E., 13 lks. dist.; a mound of stone, 3 ft. base, 3 ft. high.

An open cut, 15 ft. long, 10 ft. wide, ending in a shaft, 10 ft. deep, bears N. 66° 00' W., 11.30 chs. dist.

An open cut, 15 ft. long, 6 ft. wide, and 6 ft. deep, bears N. 69° 30' W., 10.90 chs. dist.

6.131 Cor. No. 3 of the South Pass Mining Claim of this Survey.

9.62 Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the ground to bedrock, with a granite rock, 8 x 6 x 4 ins., mkd. X, deposited at the base, and in a mound of stone to top, for Cor. No. 3 of the Eclipse Mining Claim, with brass cap mkd.,

3
E MC
1933

A corner of the location, bears N. 62° 05' E., 63 lks. dist.; a mound of stone, 3 ft. base, 3 ft. high.

N. 70° 45' W., along the N. side line of the Eclipse Mining Claim.

Ascend 125 ft. over SE. slope, through scattering juniper and undergrowth.

8.80 Top of spur, slopes SW. Descend 112 ft. over NW. slope.

16.20 Rocky wash, 20 lks. wide, 3 ft. deep, course SW.

21.20 Rocky wash, 10 lks. wide, course S.

22.727 Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for Cor. No. 4 of the Eclipse Mining Claim, with brass cap mkd.,

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

A corner of the location, bears N. 70° 45' W., 1.81 chs. dist.; a mound of stone, 3 ft. base, 3 ft. high.

South, along W. end line of the Eclipse Mining Claim.

Descend gradually over SW. slope, through scattering juniper and undergrowth.

3.65 Wash, 15 lks. wide, 3 ft. deep, course SW.

Segregation Survey in T. 3 N., R. 3 E.

BOOK 404

Chains.

- 4.81 A corner of the location, bears N. $70^{\circ} 45'$ W., 2.16 chs. dist.; a mound of stone, 3 ft. base, $2\frac{1}{2}$ ft. high.
- 6.30 Rocky wash, 10 lks. wide, 3 ft. deep, course SW.
- 9.62 Cor. No. 1 and the place of beginning.

Area of the Eclipse Mining Claim 20.641 Acres.

Final Test of the Solar Attachment.

November 8: On the meridian, hereinbefore described, at 8h 00m a. m., app. t., I set off $33^{\circ} 34'$ N. on the lat. arc; $16^{\circ} 31'$ 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 4h 00m p. m., app. t., I set off $33^{\circ} 34'$ N. on the lat. arc; $16^{\circ} 37'$ S. on the decl. arc; and repeat the test of the solar; the line of sight agrees with the meridian established by Polaris observation.

November 8, 1933.

General Description.

The land in sec. 29 varies from level in the south portion to mountainous in the north; likewise the soil ranges from 2nd rate gravelly to 4th rate rocky.

The $S\frac{1}{2}SE\frac{1}{4}$ appears to be subdivided and upon which are found several houses forming a part of a suburb to Phoenix known as Sunny Slope.

The South Pass and Eclipse Mining Claims, lying across a spur from the mountains, are located in the SE. part of the $NW\frac{1}{4}$. The Marian Mining Claim lies partly on the NE. slope of a round topped hill, and is located in the $W\frac{1}{2}NW\frac{1}{4}$.

NOTICE OF MINING LOCATION
Lode Claim

TO ALL WHOM IT MAY CONCERN:

This Mining Claim, the name of which is the MARIAN Mining Claim, situate on lands belonging to the United States of America, and in which there are valuable mineral deposits, was entered upon and located for the purpose of exploration and purchase by E. I. Sweet a citizen and a native of the U.S.A. the undersigned, on the 23 day of April, 1930

The length of this claim is 1500 feet, and I claim 300 feet feet, in a southerly direction and 1200 feet in a northerly direction from the center of the discovery shaft, at which this notice is posted, lengthwise of the claim, together with 300 feet in width of the surface grounds, on each side of the center of said claim. The general course of the lode deposit and premises is from the North to the South

The claim is situated and located in the Winifred Mining District, in Maricopa County, in the State of Arizona, about 9 miles in a North direction from Phoenix, Arizona southwest corner of northwest $\frac{1}{4}$ Section 29 Township 3 North Range 3 East

The surface boundaries of the claim are marked upon the ground as follows: Beginning at monument stones at a point in a Southerly direction 300 feet from the discovery shaft (at which this notice is posted), being in the center of the --- end line of said claim; thence 300 feet to a Westerly direction, being the Southwest corner of said claim; thence 1500 feet to a Monument of Stone, being at the Northwest corner of said claim; thence 300 feet to a Easterly at the center of the North end of said claim; thence 300 feet to a East being at the Northeast corner of said claim; thence 1500 feet to a Monument of Stone at the Southeast corner of said claim; thence 300 West feet to the place of beginning.

Dated and posted on the grounds this 23 day of April, 1930.

Witnessed By
B. N. Buck
John W. MacNutt

E. I. Sweet

Filed and recorded at the request of E.I.Sweet Jul 21 A.D. 1930, at 9:24 A.M.

J. K. Ward County Recorder
By O. E. Rogers, Jr., Deputy Recorder

STATE OF ARIZONA)
County of Maricopa) ss.

I, W. H. Linville, County Recorder in and for the County and State aforesaid, hereby certify that I have compared the foregoing copy with the Record of Notice of Mining Location of Lode Claim of Marian Mining Claim entered and located by E.I.Sweet filed and recorded in my office on the 21 day of July, 1930, in Book No. 34 of Mining Claim at Page 505 and that the same is a full, true and correct copy of such Record and of the whole thereof.

Witness my hand and seal of office, this 23 day of May, 1933.

(Seal)

W. H. Linville County Recorder
By G. B. Farmer, Deputy

NOTICE OF MINING LOCATION
Lode Claim

TO ALL WHOM IT MAY CONCERN: This Mining Claim, the name of which is the ECLIPSE Mining Claim, situate on lands belonging to the United States of America, and in which there are valuable mineral deposits, was entered upon and located for the purposes of exploration and purchase by B. W. Buck a Citizen -- United States the undersigned, on the 10 day of September, 1923.

The length of this claim is 1500 feet, and I claim 750 feet, in an easterly direction and 750 feet in a Westerly direction from the center of the discovery shaft, at which this notice is posted, lengthwise of the claim, together with 300 feet in width of the surface grounds, on each side of the center of said claim. The general course of the lode deposit and premises is from the South east to the North West.

The claim is situated and located in the Winifred Mining District, in Maricopa County, in the State of Arizona, about Nine Miles in a Northerly direction from Phoenix, Ariz. About one Mile from Center St. bridge due South of claim over Arizona Canal Morning Star joins on North east in the Phoenix Mts.

The surface boundaries of the claim are marked upon the ground as follows: Beginning at a Monument With Shaft in place on ledge at a point in a south East direction 750 feet from the discovery shaft (at which this notice is posted), being in the center of the South East end line of said claim; thence 300 feet to a Monument, being the South east corner of said claim; thence 1500 feet to a Monument, being at the North West corner of said claim; thence 300 feet to a Monument at the center of the N. West end of said claim; thence 300 feet to a Monument, being at the North West Corner of said claim; thence 1500 feet to a Monument at the S. east corner of said claim; thence 300 feet to the place of beginning.

Dated and posted on the ground this 10 day of Sept., 1923.

B. W. Buck.

Witness - By
John W. MacNutt
J. W. Allen

Filed and recorded at request of B. W. Buck Nov 22 1923 at 10:00 A.M.

#22733

W. H. Linville, County Recorder
By Walter W. Smith, Deputy

STATE OF ARIZONA
County of Maricopa. ss.

I, W. H. Linville, County Recorder in and for the County and State aforesaid, hereby certify that I have compared the foregoing copy with the Notice of Mining Claim entered and located by B. W. Buck, filed and recorded in my office on the 22nd day of November, 1923, in Book No. 28 of Mining Claims, at Pages 221 and 222 and that the same is a full, true and correct copy of such Record and of the whole thereof.

Witness my hand and seal of office, this 4th day of April, 1931.
(Seal)

W. H. Linville, County Recorder
by Chas. R. Price, Deputy Recorder

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BOOK 4084

CERTIFICATE OF UNITED STATES SURVEYOR

I, Francis E. Joy, U.S. Cadastral Engineer, hereby certify upon honor that, in pursuance of special instructions received from the District Cadastral Engineer for Arizona bearing date of the 4th day of October, 1933, I have well, faithfully, and truly in my own proper person, and in strict conformity with said instructions, the Manual of Surveying Instructions, and the laws of the United States, dependently resurveyed the section boundaries and made a metes-and-bounds survey of bodies of land, classified as mineral bearing, included within the Marian, South Pass and Eclipse Mining Claims, in section 29, Township 3 North, Range 3 East,
of the Gila and 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 all the corners of said survey and resurvey have been established and perpetuated in strict accordance with the Manual of Surveying Instructions, and the special written instructions of the District Cadastral Engineer for Arizona and in the specific manner described in the field notes, and that the foregoing are the original field notes of such survey and resurvey.

Glendale, California,
August 16, 1934.

Francis E. Joy
U.S. Cadastral Engineer. ~~U.S. Cadastral Engineer~~

APPROVAL

OFFICE OF U. S. SUPERVISOR OF SURVEYS,
Denver, Colorado, February 23, 1935.

The foregoing field notes of the dependent resurvey of the section boundaries, and the metes-and-bounds survey of bodies of land, classified as mineral bearing, included within the Marian, South Pass and Eclipse Mining Claims in section 29, Township 3 North, Range 3 East, of the Gila and Salt River Meridian, in the State of Arizona,

executed by Francis E. Joy, U.S. Cadastral Engineer under his special instructions dated October 4, 1933, having been critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys and resurveys they describe, are hereby approved.

Wm. H. Johnson
U. S. Supervisor of Surveys.

I certify that the foregoing transcript of the field notes of the above-described surveys in _____, has been correctly copied from the original notes on file in _____

U. S. Supervisor of Surveys.