

FIELD NOTES

OF THE SURVEY OF THE

MOUNTAIN CHIEF

MOUNTAIN CHIEF No. 1

MOUNTAIN CHIEF No. 2

MOUNTAIN CHIEF No. 3

MOUNTAIN CHIEF No. 4

MOUNTAIN CHIEF No. 5

and GOLD QUARRY No. 3

lode mining claims

for segregation from

Section 32

Township 13 North, Range 1 East

Of the Gila and Salt River Base and Meridian,

In the State of Arizona.

EXECUTED BY

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

In the capacity of U. S. Surveyor, under Special Instructions dated November 3, 1930, issued by the District Cadastral Engineer to govern surveys included in Group No. 166 Arizona, which were approved by the Commissioner of the General Land Office, November 15, 1930, and Assignment Instructions dated January 2, 1931.

Survey commenced February 9, 1931.

Survey completed February 19, 1931.

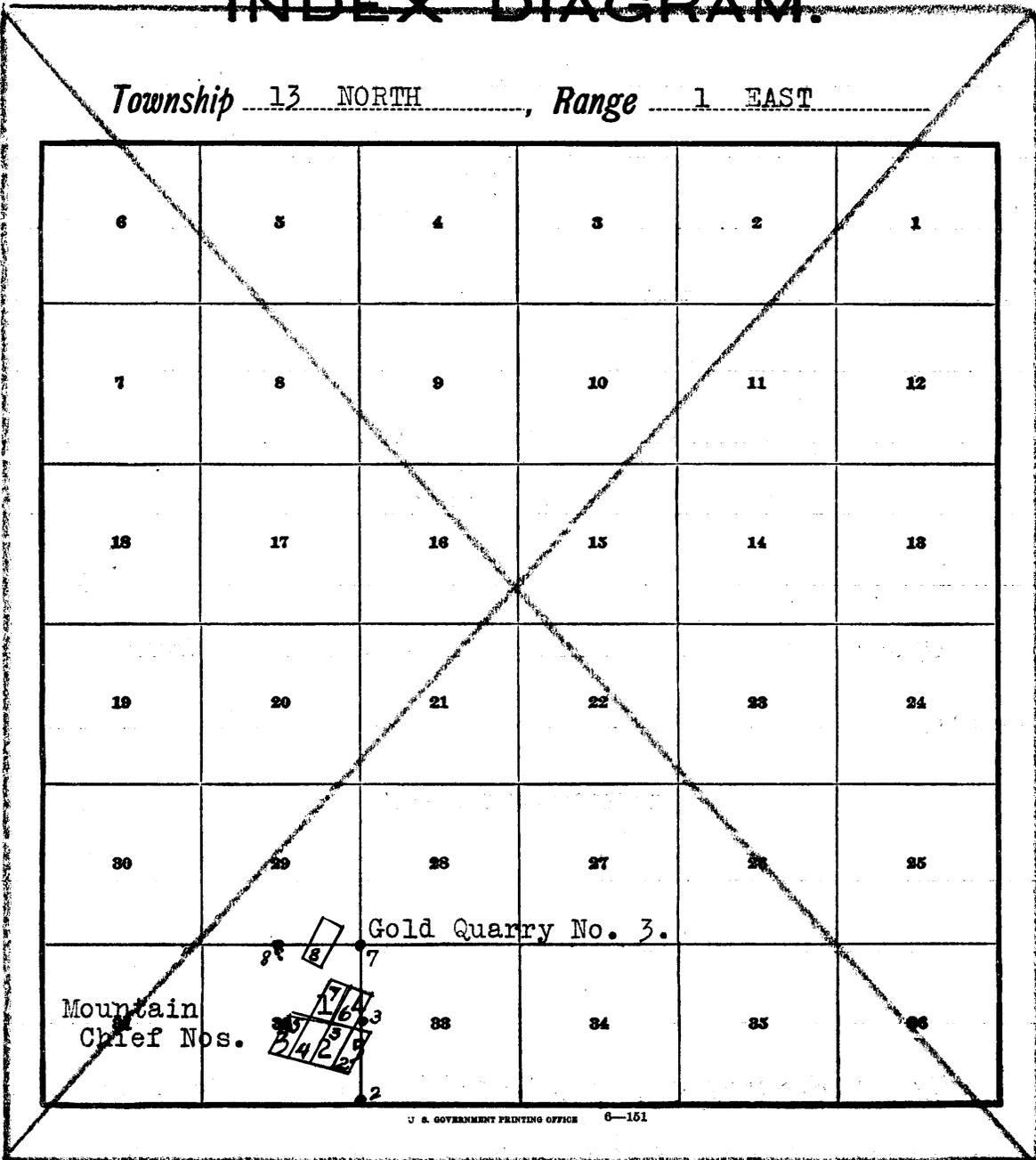
3938

3938

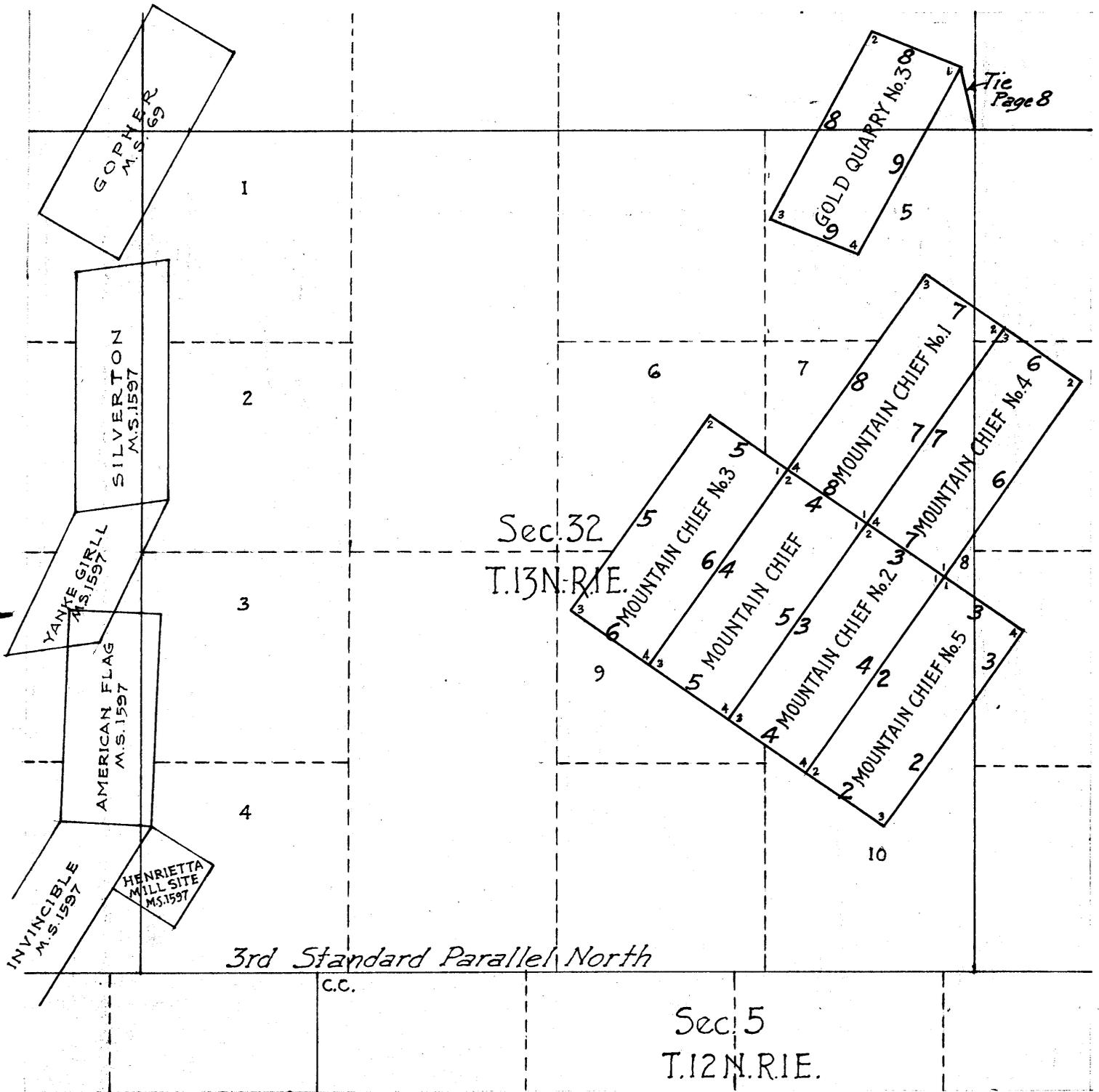
87
1

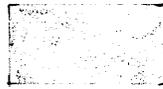
INDEX DIAGRAM.

Township 13 NORTH, Range 1 EAST



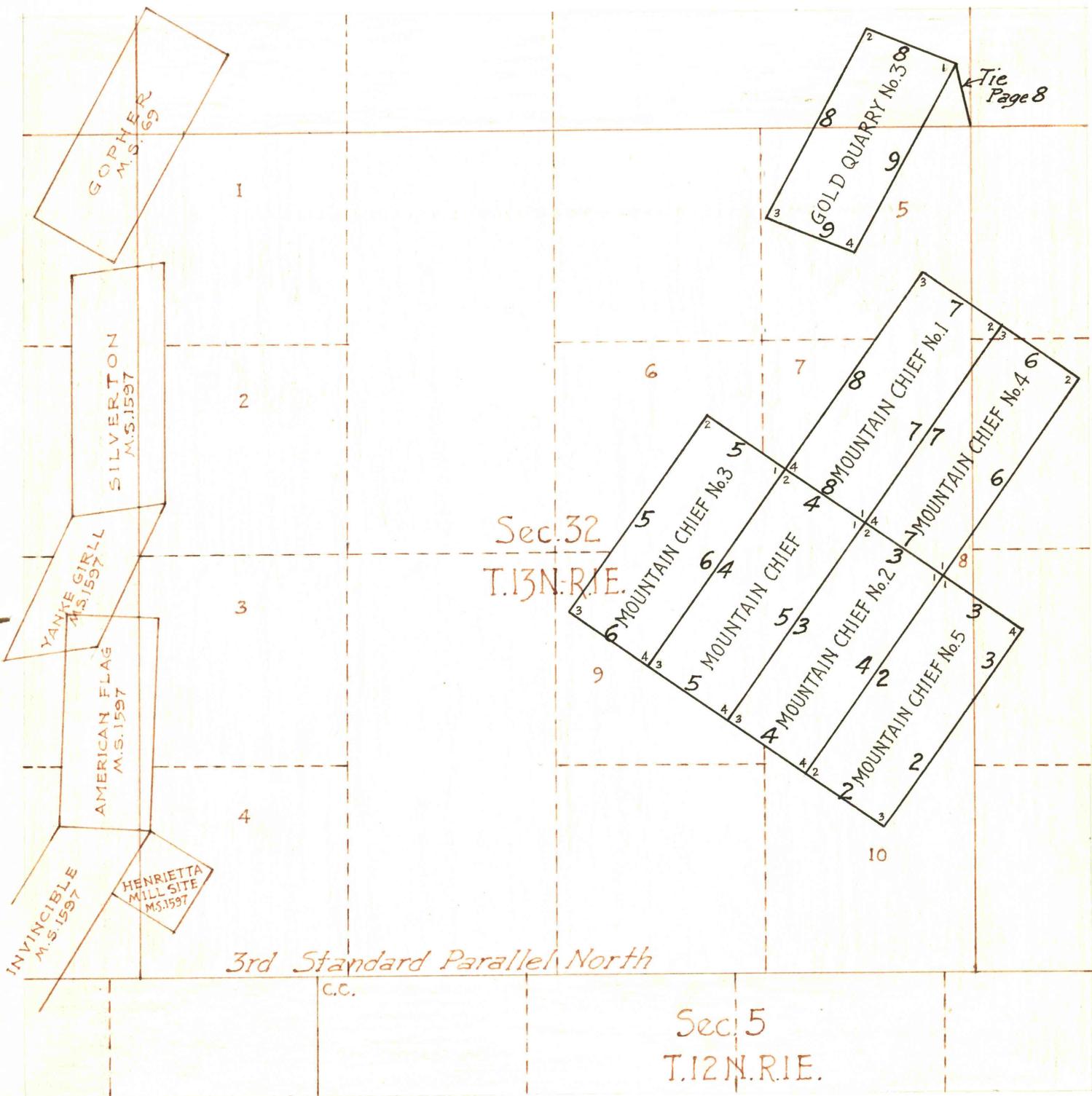
INDEX-DIAGRAM.



- Surveyed under this group. Notes herein.
- Accepted, surveyed lines.
-  Areas surveyed as per accepted plats on file.

INDEX-DIAGRAM.

BOOK 3938



- Surveyed under this group. Notes herein.
- Accepted, surveyed lines.
- Areas surveyed as per accepted plats on file.

Chains.

The segregation surveys of certain mining claims in secs. 29, 32 and 33, T. 13 N., R. 1 E., Gila and Salt River B. and M., were executed with a light mountain solar transit made by Buff & Buff, Serial No. 16723, constructed in accordance with the standard specifications of the General Land Office. The horizontal circle has a diameter of $4\frac{1}{2}$ ins., with two double opposite verniers reading to single minutes; the vertical circle has a diameter of 4 ins., with one double vernier reading to single minutes. The instrument is equipped with the improved Smith solar attachment; radius of latitude arc $2\frac{1}{2}$ ins., and of declination arc $3\frac{1}{2}$ ins., 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 January 2, 1931. Examine all the instrumental adjustments before making the field tests hereinafter recorded.

The directions of all lines were determined by the solar transit method. The measurements were made with a Lallie 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 Keuffel & 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 geographical position for the SE. cor. of the Tp. as follows: latitude $34^{\circ} 27' 22''$ N., and longitude $112^{\circ} 12' 02''$ W.

February 4, 1931, at camp on the S. bdy. of sec. 32, T. 13 N., R. 1 E., at 3h 0m p.m., app.t., set off $34^{\circ} 27\frac{1}{2}'$ N. on the lat. arc; $16^{\circ} 17\frac{1}{2}'$ S. on the decl. arc; and determine a meridian with the solar, whence a telephone pole, about 60 chs. dist., bears N. $15^{\circ} 43'$ W. Weather conditions prevent further observations except as follows.

February 7, at the same station at 9h 0m a.m., app.t., set off $34^{\circ} 27\frac{1}{2}'$ N. on the lat. arc; $15^{\circ} 26'$ S. on the decl. arc; and determine a meridian with the solar, whence said pole, bears N. $15^{\circ} 42'$ W.

February 8, at the same station at 5h 30m 05s p.m., 1. m.t., or 5h 59m 12s. by watch, which reads correct 105th meridian time as determined by radio signals make an hour angle observation on Polaris, west of the meridian, three each with the telescope in direct and reversed positions, reading the vertical angle, and the horizontal deflection angle from said pole in the direction N-E to Polaris.

Mean horizontal angle pole to Polaris	15° 22' 30"
Azimuth of Polaris	20' 21" W.
True bearing to pole	N. 15° 42' 51" W.
Mean observed vertical angle	35° 29' 50"
Reduced latitude	34° 27' 33" N.

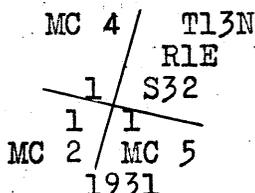
Repeat the tests of the arcs daily by noon observation, and verify the meridional indications at frequent intervals throughout the survey.

SEGREGATION SURVEY OF THE MOUNTAIN CHIEF No. 5.

Chains.

Metes-and-bounds surveys of tracts of land known as Mountain Chief, Mountain Chief Nos. 1, 2, 3, 4 and 5, and Gold Quarry No. 3, classified as mineral bearing but not covered by mineral patent survey, in secs. 29, 32 and 33, T. 13 N., R. 1 E. Positions of said claims on the ground are identified by the mineral claimant.

Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for cor. No. 1 of Mountain Chief Nos. 5, 2 and 4, with brass cap mkd.



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

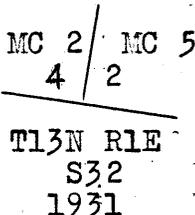
Thence S. 36° 18' W., bet. Mountain Chief No. 5 and Mountain Chief No. 2.

Over rolling land; descend SE. slope.

3.50 Engine houses, shop and hoist over 280 ft. shaft, bears W., 2.50 chs. dist.

20.00 Ravine, course E.; ascend N. slope.

22.73 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for cor. Nos. 2 and 4 of Mountain Chief Nos. 5 and 2, respectively, with brass cap mkd.



raise a mound of stone, 3 ft. base, 2 ft. high, on line NE. of cor.

Thence S. 55° 49' E., along bdy. of Mountain Chief No. 5. Over rough land on N. slope.

5.00 End center location monument; a mound of stone, 3 ft. base, 3 ft. high, alongside of a shaft, 6 x 6 ft. by 40 ft. deep.

5.45 Spur, slopes NE.

9.09 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for cor. No. 3 of the Mountain Chief No. 5, with brass cap mkd.



raise a mound of stone, 2 ft. base, 1 1/2 ft. high, NW. of cor. on claim. From this point the location cor., bears S. 24° 05' E., 68 lks. dist.; a railroad tie, 6 x 8 ins. by 3 ft. long, set in a small mound of stone.

Thence N. 36° 18' E., along bdy. of the Mountain Chief No. 5. Over rolling land.

6.20 Ravine, course E.; gradually ascend SE. slope.

14.83 Intersect the line bet. secs. 32 and 33, at a point from which the standard cor. of secs. 32 and 33, T. 13 N., R. 1 E., bears S. 0° 02' E., 25.92 chs. dist., an iron post,

SEGREGATION SURVEY OF MOUNTAIN CHIEF No. 5.

BOOK 3088

Chains.

22.73 3 ins. diam., 8 ins. above ground, firmly set, marked and witnessed as described in the official record. From the same point the $\frac{1}{4}$ sec. cor. of secs. 32 and 33, bears N. $0^{\circ} 02' W.$, 14.08 chs. dist.; an iron post, 1 in. diam., projecting firmly 6 ins. above the top of a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, marked and witnessed as described in the official record.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for cor. No. 4 of the Mountain Chief No. 5, with brass cap mkd.

T13N R1 E
 $\begin{array}{c} \diagup \\ 4 \\ \diagdown \end{array}$ S33
 MC 5
 1931

raise a mound of stone, 3 ft. base, 2 ft. high, SW. of cor. on claim. From this point the location cor., bears S. $70^{\circ} 30' E.$, 2.27 chs. dist.; a pine post 2 x 4 x 24 ins. long, set in a mound of stone.

From the same point cor. No. 2 of the Montezuma (Patented) bears S. $32^{\circ} 25' E.$, 2.00 chs. dist.; a granite stone, 3 x 12 x 8 ins. above ground, firmly set, and marked 2M 3234 on NE. face.

Thence N. $55^{\circ} 49' W.$, along bdy. of Mountain Chief No. 5. Over rolling land, gradually ascending.

5.66 Intersect the line bet. secs. 32 and 33, at a point from which the $\frac{1}{4}$ sec. cor., bears N. $0^{\circ} 02' W.$, 4.53 chs. dist.; hereinbefore described.

9.09 Cors. No. 1 of Mountain Chief Nos. 5, 2 and 4, the place of beginning.

SEGREGATION SURVEY OF MOUNTAIN CHIEF No. 2.

From cors. No. 1 of Mountain Chief Nos. 2, 5 and 4, hereinbefore described. N. $55^{\circ} 49' W.$, bet. Mountain Chief No. 2, and Mountain Chief No. 4.

Over rolling land, through scattering brush.

2.30 Frame house, dressing room, bears S. 1.50 chs. dist.

3.70 A tunnel, facing NW., bears N. 1.00 chs. dist.

9.09 Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for cor. No. 2 of Mountain Chief No. 2, cor. No. 4 of Mountain Chief No. 4, and cors. No. 1 of Mountain Chief No. 1, and Mountain Chief, with brass cap mkd.

MC 1 / MC 4
 $\begin{array}{c} \diagup \\ 1 \\ \diagdown \end{array}$ 4
 1 2
 MC / MC 2
 1931

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

Thence S. $36^{\circ} 18' W.$, bet. Mountain Chief No. 2, and Mountain Chief.

Over heavy rolling land, NE. slope.

7.50 Thence over SE. slope.

12.30 A shaft, 170 ft. deep, and tunnel to bottom of of said shaft, bears W. about 2.50 chs. dist.

22.73 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for cor. No. 3 of Mountain Chief No. 2, and cor. No. 4 of Mountain Chief, with brass cap mkd.

SEGREGATION SURVEY OF THE MOUNTAIN CHIEF No. 2.

Chains.

MC / MC2
4 / 3

T13N R1E
S32
1931

raise a mound
of stone, 3 ft. base, 2 ft. high, on line NE. of cor.

Thence

S. 55° 49' E., along bdy. of Mountain Chief No. 2.
Over rough and broken land.

4.00

Ravine, course E.

9.09

Cor. No. 4 of Mountain Chief No. 2, and cor. No. 2 of
Mountain Chief No. 5, hereinbefore described.

Thence

N. 36° 18' E., bet. Mountain Chief No. 2, and Mountain
Chief No. 5.

Descend N. slope.

2.73

Ravine, course E.; ascend over rolling SE. slope.

19.23

Engine houses, shop, and hoist over 280 ft. shaft, bears
W., 2.50 chs. dist.

22.73

Cor. No. 1, and place of beginning.

SEGREGATION SURVEY OF THE MOUNTAIN CHIEF.

From cors. No. 1 of Mountain Chief, and Mountain Chief
No. 1; cor. No. 2 of Mountain Chief No. 2, and cor. No. 4
of Mountain Chief No. 4, hereinbefore described.

N. 55° 49' W., bet. Mountain Chief, and Mountain Chief No. 1.
Ascend NE. slope through brush.

5.00

Thence along N. slope.

7.50

Descend over NW. slope.

8.70

A shaft, 8 ft. sq., 40 ft. deep, bears N. 30 lks. dist.

9.09

Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the
ground, for cor. No. 2 of Mountain Chief, cor. No. 4 of
Mountain Chief No. 1, and cor. No. 1 of Mountain Chief
No. 3, with brass cap mkd.

T13N
R1E / MC 1
S32 / 4
1 / 2
MC 3 / MC
1931

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

Thence

S. 36° 18' W., bet. Mountain Chief, and Mountain Chief No. 3.
Ascend NW. slope through brush.

5.73

A shaft, 10 ft. sq., 20 ft. deep, bears W., 40 lks. dist.

9.33

Leave brush, bears NW. and E.; descend over SW. slope.

12.73

A shaft, 6 ft. sq., 20 ft. deep, bears W., 75 lks. dist.

13.73

A shaft, 6 ft. sq., 25 ft. deep, bears E., 60 lks. dist.

22.73

Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the
ground, for cor. No. 3 of Mountain Chief, and cor. No. 4
of Mountain Chief No. 3, with brass cap mkd.

MC 3 / MC
4 / 3

T13N R1E
S32
1931

SEGREGATION SURVEY OF THE MOUNTAIN CHIEF.

BOOK 20

chains

raise a mound
of stone, 3 ft. base, 2 ft. high, on line NE. of cor.

Thence
S. 55° 49' E., along bdy. of Mountain Chief.
Ascend over SW. slope.

- 3.00 Descend over SE. slope.
- 4.54 Center end location monument; a mound of stone, 3 ft. base and 3 ft. high.
- 9.09 Cor. No. 4 of Mountain Chief, and cor. No. 3 of Mountain Chief No. 2, hereinbefore described.

Thence
N. 36° 18' E., bet. Mountain Chief, and Mountain Chief No. 2.
Ascend over SE. slope.

- 10.43 A shaft, 170 ft. deep, and tunnel to bottom of said shaft, bears W., about 2.50 chs. dist.
- 15.23 Thence over NE. slope.
- 22.73 Cor. No. 1, and place of beginning.

SEGREGATION SURVEY OF MOUNTAIN CHIEF No. 3.

From cor. No. 1 of Mountain Chief No. 3, cor. No. 2 of Mountain Chief, and cor. No. 4 of Mountain Chief No. 1, hereinbefore described.

N. 55° 49' W., along bdy. of Mountain Chief No. 3.
Descend NW. slope through brush.

- 2.40 Ravine, course N.; ascend NE. slope.
- 9.09 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for cor. No. 2 of Mountain Chief No. 3, with brass cap mkd.

T13N R1E
S32
/ 2.
MC 3
1931

raise a mound
of stone, 2 ft. base, 1½ ft. high, SE. of cor. on claim.
No trace of location cor. found.

Thence
S. 36° 18' W., along the bdy. of Mountain Chief No. 3.
Ascend over NE. slope through brush.

- 6.50 A shaft, 10 ft. sq., 20 ft. deep, bears W. 50 lks. dist.
- 8.50 Leave brush, bears NW. and SE.; descend over SE. slope.
- 9.70 A cut, 5 ft. wide, 10 ft. deep, 30 ft. long E. and W. on line.
- 11.80 A shaft, 10 ft. sq., 30 ft. deep, bears W., 20 lks. dist.
- 13.40 A shaft, 6 ft. sq., 20 ft. deep, bears W., 20 lks. dist.
- 14.75 A tunnel, faces SE., bears E. 40 lks. dist. A sheet iron tool house on dump.
- 21.00 An old shed, bears E., 20 lks. dist. and an old house, bears W., 1.30 chs. dist.
- 22.73 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for cor. No. 3 of Mountain Chief No. 3, with brass cap mkd.

MC 3
/ 3
S32
T13N R1E
1931

raise a mound
of stone, 3 ft. base, 2 ft. high, NE. of cor. on claim.
A corner of the location, bears S. 80° 15' W., 2.32 chs. dist.; A pine post, 2 x 4 ins. by 3 ft. long, set in a mound of stone.

SEGREGATION SURVEY OF MOUNTAIN CHIEF No. 3.

Chains.	Thence S. 55° 49' E., along the bdy of Mountain Chief No. 3. Over rolling land.
6.30	Ravine, course S., ascend SW. slope.
7.60	A shaft, 6 ft. sq., 30 ft. deep, bears N. 30 lks. dist.
9.09	Cor. No. 4 of Mountain Chief No. 3, and cor. No. 3 of Mountain Chief, hereinbefore described.
	Thence N. 36° 18' E., bet. Mountain Chief, and Mountain Chief No. 3. Ascend over SW. slope.
9.00	A shaft, 6 ft. sq., 25 ft. deep, bears E., 60 lks. dist.
10.00	A shaft, 6 ft. sq., 20 ft. deep, bears W., 75 lks. dist.
13.40	Enter brush, bears NW. and E.; descend over NW. slope.
17.00	A shaft, 10 ft. sq., 20 ft. deep, bears W., 40 lks. dist.
22.73	Cor. No. 1, and place of beginning.

SEGREGATION SURVEY OF MOUNTAIN CHIEF No. 4.

	From cors. No. 1 of Mountain Chief Nos. 4, 2 and 5, hereinbefore described. N. 36° 18' E., along the bdy. of Mountain Chief No. 4. Descend over NE. slope through brush.
4.79	Intersect the line bet. secs. 32 and 33, T. 13 N., R. 1 E. at a point from which the $\frac{1}{4}$ sec. cor., bears S. 0° 02' E., 1.25 chs. dist.; hereinbefore described. From the same point the cor. of secs. 28, 29, 32 and 33, bears N. 0° 02' W., 38.75 chs. dist.; an iron post, 2 ins. diam., projecting 4 ins. above the top of a mound of stone, 2 ft. base, 1 ft. high, marked and witnessed as described in the official record.
15.40	Wire fence, bears NW. and SE.
15.70	Dry drain, course E.
18.90	Road, bears NW. and SE.
20.15	An old cabin, bears W., 4.50 chs. dist.
21.23	A shaft, 6 ft. sq., 20 ft. deep, bears W. 3.00 chs. dist.
21.33	Middle of single track, P. & E. RR., on curve, bears SE. and N. 8° 50' W.
21.98	Telegraph line, parallel to railroad.
22.73	Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for cor. No. 2 of Mountain Chief No. 4, with brass cap mkd.

T13N R1E
S33
2/
MC 4/
1931

raise a mound
of stone, 3 ft. base, 2 ft. high, SW. of cor. on claim.
From this point a corner of the location, bears N. 83°
30' E., 1.95 chs. dist.; a pine post, 4 ins. sq., 3
ft. long, set in a mound of stone.

	Thence N. 55° 49' W., along bdy. of Mountain Chief No. 4. Over rolling land through brush.
0.49	Telegraph line, parallel to railroad.
0.71	Middle of single track, P. & E. RR., on curve, bears N. and S. 8° 50' E.
3.90	Road, bears NW. and SE.
4.70	Wire fence, bears NW. and SE.
9.09	Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for cor. No. 3 of Mountain Chief No. 4, and cor. No. 2 of Mountain Chief No. 1, with brass cap mkd.

BOOK 3938
BOOK 3938

Chains.

TL3N R1E
S33
2 / 3
MC 1 / MC 4
1931

Raise a mound of stone, 3 ft. base, 2 ft. high, SW. of cor. on line.

Thence S. 36° 18' W., bet. Mountain Chief No. 4, and Mountain Chief No. 1.

Over rolling land, through brush.

5.25 Intersect the line bet. secs. 32 and 33, at a point from which the $\frac{1}{4}$ sec. cor., bears S. 0° 02' E., 16.59 chs. dist.; hereinbefore described.

10.60 Dry drain, course E.; ascend over NE. slope.

22.73 Cor. No. 4 of Mountain Chief No. 4, cor. No. 2 of Mountain Chief No. 2, and cors. No. 1 of Mountain Chief, and Mountain Chief No. 1, hereinbefore described.

Thence

S. 55° 49' E., bet. Mountain Chief No. 4, and Mountain Chief No. 2.

Over rolling land, through scattering brush.

5.39 A tunnel, facing NW., bears N., 1.00 chs dist.

6.79 Frame house, dressing room, bears S., 1.50 chs. dist.

9.09 Cor. No. 1, and place of beginning.

SEGREGATION SURVEY OF MOUNTAIN CHIEF No. 1.

From cors. No. 1 of Mountain Chief No. 1, and Mountain Chief; cor. No. 2 of Mountain Chief No. 2, and cor. No. 4 of Mountain Chief No. 4, hereinbefore described.

N. 36° 18' E., bet. Mountain Chief No. 1, and Mountain Chief No. 4.

Descend NE. slope through brush.

12.73 Dry drain, course E.; thence over rolling land.

17.48 Intersect the line bet. secs. 32 and 33, at a point from which the $\frac{1}{4}$ sec. cor., bears S. 0° 02' E., 16.59 chs. dist.; hereinbefore described.

22.73 Cor. No. 2 of Mountain Chief No. 1, and cor. No. 3 of Mountain Chief No. 4, hereinbefore described.

Thence

N. 55° 49' W., along bdy. of Mountain Chief No. 1.

Over rolling land, through brush.

3.76 Intersect the line bet. secs. 32 and 33, at a point from which the cor. of secs. 28, 29, 32 and 33, T. 13 N., R. 1 E., bears N. 0° 02' W., 17.07 chs. dist.; hereinbefore described.

4.55 The center location corner, bears N. 36° 18' E., 1.08 chs. dist.; an oak post, 3 ins. sq., 2 ft. long, set in a mound of stone.

4.79 A shaft, 8 ft. sq., 10 ft. deep, on line.

6.70 Dry drain, course E.

9.09 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for cor. No. 3 of Mountain Chief No. 1, with brass cap mkd.

TL3N R1E
S32
3 / 3
MC 1
1931

raise a mound of stone, 3 ft. base, 2 ft. high, SE. of cor. on claim. No trace of location cor. found.

Thence

SEGREGATION SURVEY OF MOUNTAIN CHIEF No. 1.

Chains.	S. 36° 18' W., along bdy. of Mountain Chief No. 1. Over rolling land, through brush.
1.90	Dry drain, course E.
12.40	Dry drain, course E.; ascend over NW. slope.
22.73	Cor. No. 4 of Mountain Chief No. 1, cor. No. 2 of Mountain Chief, and cor. No. 1 of Mountain Chief No. 3, hereinbefore described.
	Thence
	S. 55° 49' E., bet. Mountain Chief No. 1, and Mountain Chief.
	Ascend over NW. slope, through brush.
0.29	A shaft, 8 ft. sq., 40 ft. deep, bears N., 30 lks. dist.
2.49	Thence along N. slope.
4.09	Descend NE. slope.
9.09	Cor. No. 1, and place of beginning.

SEGREGATION SURVEY OF GOLD QUARRY No. 3.

Beginning at cor. No. 1 of the Gold Quarry No. 3, where Set an iron post, 3 ft. long, 1 in. diam., 8 ins. in the ground to bedrock, with a granite stone, 4 x 6 x 8 ins., mkd. X, deposited at base, for cor. No. 1 of the Gold Quarry No. 3, with brass cap mkd.

T13N R1E
S29
1/
GQ 3/
1931

from which
The cor. of secs. 28, 29, 32 and 33, T. 13 N., R. 1 E., bears S. 10° 56' E., 6.07 chs. dist.; hereinbefore described.

No trace of location cor. found.

Thence

N. 68° 48' W., along line 1-2 of Gold Quarry No. 3.
Over rolling land, through brush.

4.60 End center location monument; a pine post, 2 x 4 ins. by 3 ft. long, loosely set in a small mound of stone.

9.19 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for cor. No. 2 of the Gold Quarry No. 3, with brass cap mkd.

T13N R1E
S29
2/
GQ 3/
1931

raise a mound
of stone, 2 ft. base, 1½ ft. high, S. of cor. on claim.
No trace of location cor. found.

Thence

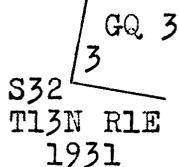
S. 29° 39' W., along line 2-3 of the Gold Quarry No. 3.
Over rolling land, through brush.

10.66 Intersect the line bet. secs. 29 and 32, at a point from which the cor. of secs. 28, 29, 32 and 33, bears S. 89° 58' E., 14.99 chs. dist., hereinbefore described.

From the same point the ¼ sec. cor. of secs. 29 and 32, bears N. 89° 58' W., 25.08 chs. dist., an iron post, 1 in. diam., projecting 6 ins. above the top of a mound of stone, 3 ft. base, 1½ ft. high, firmly set, marked and witnessed as described in the official record.

20.31 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for cor. No. 3 of the Gold Quarry No. 3, with brass cap mkd.

Chains.



raise a mound of stone, 3 ft. base, 2 ft. high, E. of cor. on claim. No trace of location cor. found.

Thence

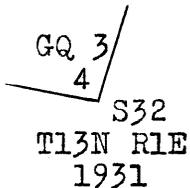
S. 68° 48' E., along line 3-4 of Gold Quarry No. 3. Over rolling land, through brush.

4.59 End center location cor.; a mound of stone, 3 ft. base, 2 ft. high. A shaft, 10 ft. sq., 18 ft. deep, bears N. 29° 39' E., 2.00 chs. dist. A shaft, 10 ft. sq., 10 ft. deep, bears N. 29° 39' E., 10.80 chs. dist.

9.19 A corner of the location; a pine post, 2 x 6 ins. by 2 ft. long, set in a mound of stone, 3 ft. base, 2 ft. high.

At point for cor.

Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for cor. No. 4 of the Gold Quarry No. 3, with brass cap mkd.



raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor. on claim. A shaft, 6 x 8 ft. by 10 ft. deep, bears N. 1.00 ch. dist.

Thence

N. 29° 39' E., along line 4-1 of Gold Quarry No. 3. Over rolling land, through brush.

8.70 A shaft, 6 ft. sq., 20 ft. deep, bears W., 1.00 ch. dist.

12.30 Descend over NW. slope.

15.10 Dry drain, course E.; ascend 50 ft. over and along a rocky ledge to

20.31 Co. No. 1, and place of beginning.

FINAL TEST OF SOLAR ATTACHMENT.

February 21: At camp on the S. bdy. of sec. 32, T. 13 N., R. 1 E., at 9h 0m a.m., app.t., set off 34° 27' N. on the lat. arc; 10° 42½' 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 3h 0m p.m., app.t., set off 34° 27' N. on the lat. arc; 10° 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.

February 21, 1931.

GENERAL DESCRIPTION.

The land included within the boundaries of the foregoing segregated mining claims is heavy rolling, the Mountain Chief covering the top of a rather high oval shaped hill,

The south slopes are open and grassy while the north slopes are covered with more or less oak and manzanita brush. The soil is a heavy clay loam and rather free of surface rock.

At present work is being conducted in the NE. part of Mountain Chief No. 2, at which place there are new engine houses, shop, and excellent equipment. The mineral is found in blanket formation.

88V
11

**AMENDED
NOTICE OF MINING LOCATION
LODE CLAIM**

To All Whom It May Concern:

This Mining Claim, the name of which is the **MOUNTAIN CHIEF** 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 Charles M Egge a Citizen of the United States the undersigned, on the first day of February 1910

The length of this claim is 1500 feet, and I claim 750 feet, in a Northeasterly direction and 750 feet in a Southwesterly 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 Northeasterly to the Southwesterly.

The claim is situated and located in the Big Bug Mining District, in Yavapai County, in the Territory of Arizona, about $\frac{1}{2}$ mile in a - - - westerly direction from Huron Post Office

The surface boundaries of the claim are marked upon the ground as follows: Beginning at monument of stone at a point in a Northeasterly direction 750 feet from the discovery shaft (at which this notice is posted), being in the center of the North end line of said claim; thence Easterly 300 feet to a monument of stone, being the Northeast corner of said claim; thence Southwesterly 1500 feet to a monument, being at the S. E. corner of said claim; thence westerly 300 feet to a monument at the center of the South end of said claim; thence Westerly 300 feet to a Monument, being at the S. W. corner of said claim, thence Northerly 1500 feet to a monument at the N. W. corner of said claim; thence easterly 300 feet to the place of beginning.

All done under the provisions of Chapter Six, of Title XXXII, of the Revised Statutes of the United States, and of an Act of the General Assembly of Arizona, entitled "An Act to Revise and Codify the Laws of the Territory of Arizona", approved March 16, 1901.

This is an Amended Location Notice of the Mountain Chief Mining Claim, located by Lulu Krackenburger on the First day of January ~~190~~ 1897, and recorded in Book 43 of Records of Mines, at page 440, in the office of the County Recorder of the aforesaid County of Yavapai to which reference is hereby made, and this Amended Location Notice is made and posted to correct errors in the description in the said original Location Notice.

Dated and posted on the ground this First day of February 1910

Charles M. Egge

Filed and recorded at request of Chas. M. Egge, Feb. 9, A. D. 1910, at 4.25 o'clock P. M., Book 86 of Mines, page 136, Records of Yavapai County, Arizona.

J. C. Bradbury
County Recorder.

(SEAL)

By _____
Deputy Recorder.

NOTICE OF MINING LOCATION
LODE CLAIM.

BOOK 3988

103
13

TO ALL WHOM IT MAY CONCERN:

This Mining Claim, the name of which is the MOUNTAIN CHIEF NO. 1 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 Charles M Egge A citizen of the United States the undersigned, on the First day of February, 1910.

The length of this claim is 1500 feet, and I claim 750 feet, in a Northeasterly direction and 750 feet in a Southwesterly 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 Northeast to the Southwest

The claim is situated and located in the Big Bug Mining District, in Yavapai County in the Territory of Arizona, about 1-2 mile in a Westerly direction from Huron Post Office and is the north Extension of the Mountain Chief Mining Claim

The surface boundaries of the claim are marked upon the ground as follows: Beginning at Monument of stone at a point in a Northeasterly direction 750 feet from the discovery shaft (at which this notice is posted), being in the center of the North end line of said claim; thence Easterly 300 feet to a monument of stone, being the Northeast corner of said claim; thence Southwesterly 1500 feet to a Monument, being at the S. E. corner of said claim; thence Westerly 300 feet to a Monument at the center of the South end of said claim; thence Westerly 300 feet to a Monument being at the S. W. corner of said claim; thence 1500 feet to a Monument at the N. W. corner of said claim; thence Easterly 300 feet to the place of beginning.

All done under the provisions of Chapter Six, of Title XXIII, of the Revised Statutes of the United States, and of an Act of the General Assembly of Arizona, entitled "An Act to Revise and Codify the Laws of the Territory of Arizona", approved March 16, 1901.

Dated and posted on the ground this First day of Febr. 1910

Charles M Egge.

Filed and Recorded at Request of Chas. M. Egge, Feb. 9, A. D. 1910 at 4:25 o'clock P. M., Book 87 of Mines, Page 695 Records of Yavapai County, Arizona.

J. C. Bradbury,
County Recorder

(SEAL)
By - - - - Deputy Recorder.

last

85

BOOK 39

NOTICE OF MINING LOCATION
LODE CLAIM

BOOK 3938

TO ALL WHOM IT MAY CONCERN:

This Mining Claim, the name of which is the MOUNTAIN CHIEF NO. 2 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 Charles M. Egge A Citizen of the United States the undersigned, on the First day of Febr, 1910.

The length of this claim is 1500 feet, and I claim 1400 feet, in a Southwesterly direction and 100 feet in a Northeasterly 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-easterly to the Southwesterly

The claim is situated and located in the Big Bug Mining District, in Yavapai County, in the Territory of Arizona, about 1-2 mile in a Westerly direction from Huron Post Office and joins the Mountain Chief on the east side.

The surface boundaries of the claim are marked upon the ground as follows: Beginning at - - - monument of stone at a point in a Northeasterly direction 100 feet from the discovery shaft (at which this notice is posted), being in the center of the North end line of said claim; thence easterly 300 feet to a monument of stone, being the N. E. corner of said claim; thence Southwesterly 1500 feet to a Monument, being at the S. E. corner of said claim; thence Westerly 300 feet to a Monument at the center of the South end of said claim; thence Westerly 300 feet to a Monument being at the S. W. corner of said claim; thence Northeasterly 1500 feet to a monument at the N. W. corner of said claim; thence Easterly 300 feet to the place of beginning.

All done under the provisions of Chapter Six, of Title XXXII, of the Revised Statutes of the United States, and of an Act of the General Assembly of Arizona, entitled "An Act to Revise and Codify the Laws of the Territory of Arizona", approved March 16, 1901.

Dated and posted on the ground this First day of Febr. 1910.

Charles M. Egge

Filed and Recorded at Request of Chas. M. Egge, Feb. 9, A. D., 1910 at 4:25 o'clock P. M., Book 87 of Mines, Page 696, Records of Yavapai County, Arizona.

J. C. Bradbury,
County Recorder.

(SEAL)

By - - - - Deputy Recorder.

NOTICE OF MINING LOCATION
LODE CLAIM

TO ALL WHOM IT MAY CONCERN:

This Mining Claim, the name of which is the MOUNTAIN CHIEF NO. 3 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 Charles M Egge the undersigned, on the first day of July, 1915.

The length of this claim is fifteen Hundred feet, and I claim 750 feet, in a South Westerly direction and 750 feet in a North Easterly 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 easterly to the South Westerly

The claim is situated and located in the Big Bug Mining District, in Yavapai County, in the Territory of Arizona, about 3-4 of a mile in a westerly direction from Huron Station P. & E Rail Road and on the West Side of the Mountain Chief Mine

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

All done under the provisions of Chapter Six, of Title XXXII, of the Revised Statutes of the United States, and of an Act of the General Assembly of Arizona, entitled "An Act to Revise and Codify the Laws of the Territory of Arizona," approved March 16, 1901.

Dated and posted on the ground this first day of July 1915

Charles M. Egge.

Filed and Recorded at Request of Charles M. Egge, Sept. 1st, A. D., 1915 at 10:55 o'clock A. M., M., Book 97 of Mines, Page 488, Records of Yavapai County, Arizona.

L. S. Colwell,
County Recorder

(SEAL)

By James W. Coyne,
Deputy Recorder.

NOTICE OF MINING LOCATION
LODE CLAIM

TO ALL WHOM IT MAY CONCERN:

This Mining Claim, the name of which is the GOLD QUARRY NO. 3 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 Charles M. Egge A Citizen of the United States the undersigned, on the 10th day of April, 1918.

The length of this claim is 1500 feet, and I claim 400 feet, in a Northeasterly direction and 1100 feet in a Southwesterly 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 Northeasterly to the Southwesterly

The claim is situated and located in the Big Bug Mining District, in Yavapai County, in the State of Arizona, about 3/4 of a mile in a Northerly direction from Huron Station P & E Rail Road

The surface boundaries of the claim are marked upon the ground as follows: Beginning at - - - at a point in a - - - direction - - - - feet from the discovery shaft (at which this notice is posted, being in the center of the - - - end line of said claim; thence - - - - feet to a - - - -, being the - - - - corner of said claim; thence - - - - - feet to a - - - - -, being at the - - - - corner of said claim; thence - - - - - feet to a - - - - at the center of the - - - end of said claim; thence - - - - feet to a - - - - being at the - - - - corner of said claim; thence - - - - feet to a - - - - at the - - - - corner of said claim; thence - - - feet to the place of beginning.

All done under the provisions of Chapter Six of Title XXXII, of the Revised Statutes of the United States, and of an Act of the General Assembly of Arizona, entitled "An Act to Revise and Codify the Laws of the Territory of Arizona," approved March 16, 1901.

Dated and posted on the ground this 10th day of April, 1918.

Charles M. Egge

Filed and Recorded at Request of Charles M Egge June 4th, A. D. 1918 at 10:20 o'clock A. M., Book 110 of Mines, page 265, Records of Yavapai County Arizona.

E. A. Mc Swiggin,
County Recorder

(SEAL)

By J. C. Woods
Deputy Recorder

NOTICE OF LOCATION

Notice Is Hereby Given, That the undersigned, having complied with the requirements of Chapter Six of Title Thirty-two, of the Revised Statutes of the United States, and the Local Customs, Laws and Regulations, has located 1500 linear feet on the Deposit Vein or Lode, and 300 feet in width on each side of the middle of said Lode, together with all mineral deposits contained therein, and all timber growing within the limits of said claim, and all water and water privileges thereon or appurtenant thereto, situated in the Big Bug Mining District, County of Yavapai State of ~~California~~ Arizona and described as follows:

Running 1000 feet in a Southwesterly Direction and 500 feet in a North Easterly Direction From Location work and monument

Located about 1-4 of a mile Northwesterly from Huron Rail Road Station and Located partly in Section 32 and partly in Section 33 Township 13 N Range 1 E.

And shall be known as the Mountain Chief No 4 Mine.

Discovered July 1st 1927

Located - - - - - Charles M. Egge Locator

Recorded - - - - -

Witnesses:

Chas. A. Neis

Filed and Recorded at request of Charles M. Egge, Sept. 19, A. D. 1927, at 1:15 o'clock P. M., Book 115 of Mines, Page 597, Records of Yavapai County, Arizona,

(SEAL)

GRACE CHAPMAN,

By Agnes Paurehot, Deputy Recorder.

County Recorder

NOTICE OF LOCATION

Notice Is Hereby Given, That the undersigned, having complied with the requirements of Chapter Six of Title Thirty-two, of the Revised Statutes of the United States, and the Local Customs, Laws and Regulations, has located 1500 linear feet on the vein or Lode, and 300 feet in width on each side of the middle of said Lode, together with all mineral deposits contained therein, and all timber growing within the limits of said claim, and all water and water privileges thereon or appurtenant thereto, situated in the Big Bug Mining District, County of Yavapai State of ~~California~~; Arizona and described as follows:

Located about 1-4 of a mile in a Southwesterly direction from Huron Rail Road Station and Located partly in Section 32 partly in Section 33 Township 13 N Range 1 E

This claim runs 1500 feet in a North Easterly Direction from the location work and monument and along the East side of Mountain Chief No. 2.

And shall be known as the Mountain Chief No. 5 Mine.

Discovered July 1st 1927

Located - - - - - Charles M. Egge Locator

Recorded - - - - -

Witnesses:

Chas. A. Neis

Filed and Recorded at request of Charles M. Egge, Sept. 19, A. D. 1927, at 1:15 o'clock P. M., Book 115 of Mines, Pages 597-598, Records of Yavapai County, Arizona.

By Agnes Paurehot,
Deputy Recorder.
(SEAL) Grace Chapman,
County Recorder

BOOK 3938

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 Group 166, Arizona bearing date of the 3rd day of November, 1930, I have well, faithfully, and truly in my own proper person, and in strict conformity with said instructions, the Manual of Surveying Instructions, and the laws of the United States, surveyed all those parts or portions of the MOUNTAIN CHIEF MOUNTAIN CHIEF No.1 MOUNTAIN CHIEF No.2 MOUNTAIN CHIEF No.3 MOUNTAIN CHIEF No.4 MOUNTAIN CHIEF No.5 and GOLD QUARRY No.3 lode mining claims, for segregation from Section 32 of Township 13 North, Range 1 East of the Gila and Salt River Base and Meridian, in the State of Arizona, which are represented in the foregoing field notes as having been executed by me, and under my direction; and that all the corners of said survey have been established and perpetuated in strict accordance with the Manual of Surveying Instructions, and the special written instructions of the District Cadastral Engineer, for Group 166, Arizona and in the specific manner described in the field notes, and that the foregoing are the original field notes of such survey.

San Francisco, California,
October 13, 1931.

Francis E. Joy
U.S. Cadastral Engineer.

APPROVAL.

OFFICE OF U. S. SUPERVISOR OF SURVEYS,

Denver, Colo., July 6, 1932.

The foregoing field notes of the survey of the MOUNTAIN CHIEF, MOUNTAIN CHIEF No.1 MOUNTAIN CHIEF No.2 MOUNTAIN CHIEF No.3 MOUNTAIN CHIEF No.4 MOUNTAIN CHIEF No.5 and GOLD QUARRY No.3 lode mining claims, for segregation from Section 32, of Township 13 North, Range 1 East of the Gila and Salt River Base and Meridian, in the State of Arizona executed by Francis E. Joy, U.S. Cadastral Engineer under his special instructions dated November 3, 1930 for Group 166, Arizona, having been critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved.

Wm. A. Jensen
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 this office.~~

~~U. S. Supervisor of Surveys.~~