

BOOK 3936

FIELD NOTES

OF RETRACEMENT OF

Part of the Gila and Salt River Meridian

(East of Sec.13, T.8 N.,R.1 W.)

AND OF THE SURVEY OF

Part (Completion) of the Subdivision Lines of T.8 N.,R.1 W.

(East half of line bet. secs.12 and 13)

AND SEGREGATION SURVEY OF

NORTH FIELD, HARRISON M. CLAIM, GOLDEN GLINT and

COOLDIGE lode mining claims, and

THE STAR placer mining claim

in Section 13

Township 8 North, Range 1 West

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 *January 19*..., 1931.

Survey completed *January 26*..., 1931.

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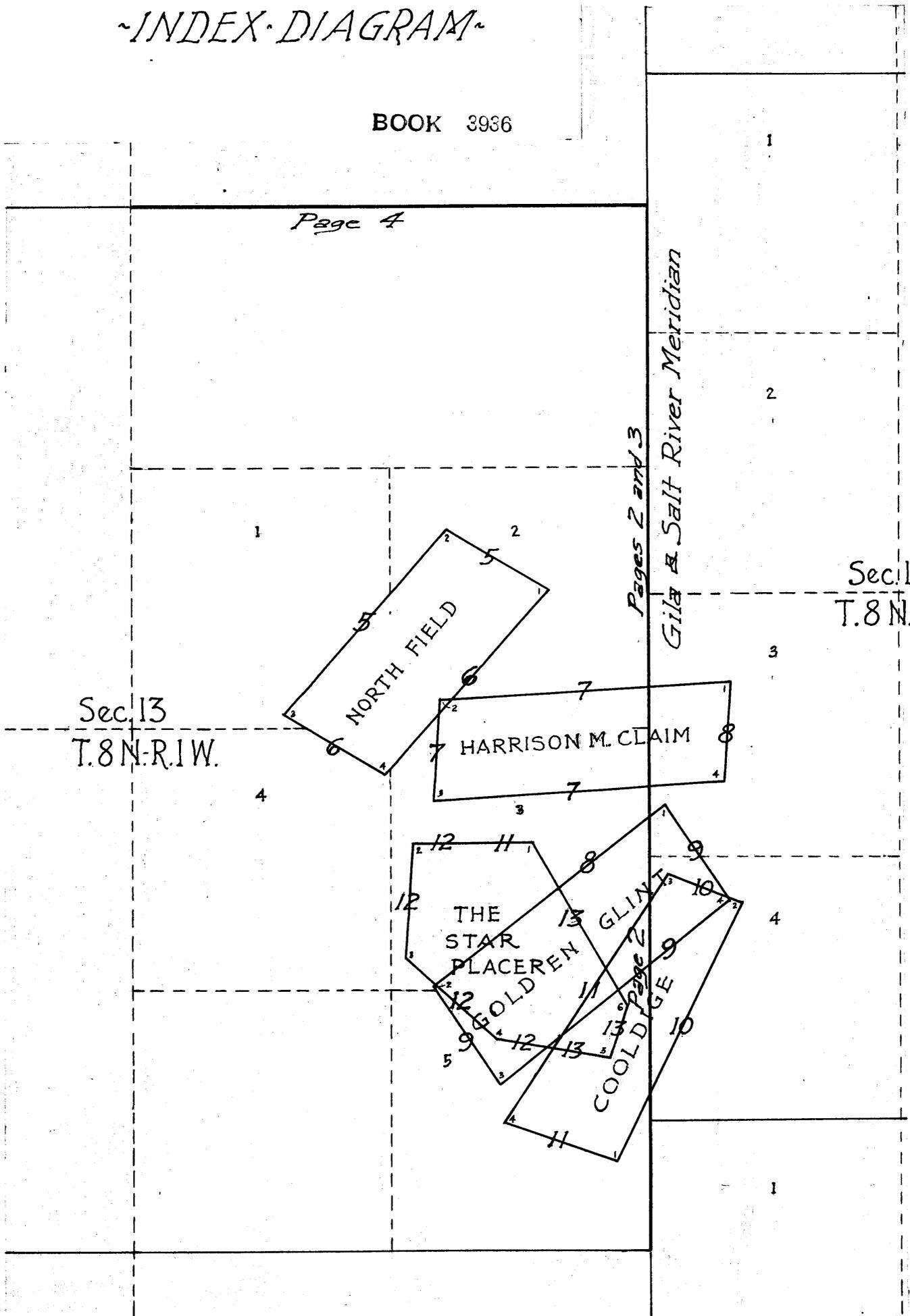
INDEX DIAGRAM.

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INDEX DIAGRAM

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————— Surveyed under this group. Notes herein.

————— Retraced under this group. Notes herein

————— Accepted, surveyed lines.

Areas surveyed as per accepted plats on file.

Retracement and surveys herein described were executed January 19 to 26, inclusive, by Francis E. Jqy, U.S. Cadastral Engineer, using a Buff & Buff light mountain solar transit No. 16724, 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 surveys of this group, tested and found free from appreciable error, was approved by the district cadastral engineer on January 2, 1931. All instrumental adjustments were examined immediately 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 tape and found correct. The measurements were made on the slope and the vertical angle of each interval determined by clinometer, and the slope measurement properly reduced to horizontal equivalent for entry in the field notes.

The data furnished with the special instructions gives the geographic position of the SE. cor. of T.8 N., R.1 W. as in latitude $33^{\circ}59'07''$ N., longitude $112^{\circ}18'29''$ W.

January 17, 1931, in camp near center of sec. 25, T.8 N., R.1 W., at 5h. 20m. 14s., p.m., l.m.t., or 5h. 44m. 30s. p.m. by watch which is 24m. 16s. fast of local mean time for this station, make an hour angle observation on Polaris, east of the meridian, making six observations, three each with the telescope in direct and reversed positions, reading the vertical angles, and the horizontal deflection angles from a sharp pointed rock, about 10 chs. dist. in the direction N.-E. to Polaris.

Mean horizontal angle, rock to Polaris	15' 50"
Azimuth of Polaris	10' 28" E.
True bearing to rock	N. 0° 05' 22" W.
Mean observed vertical angle	35° 04' 20"
Reduced latitude	33° 59' 53" N.

January 18, at same station in the meridian and elevated to the sun's altitude, observe the sun's transit for time noting the watch time of transit of each limb:

Mean watch time of apparent noon	12h. 34m. 35s.
Watch fast of local mean time	24m. 16s.

Every hour from 8 to 11 a.m., and 1:30 to 4 p.m., make proper settings of 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 $1\frac{1}{2}'$.

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

Retracement of Part of the Gila and Salt River Meridian.
(East of sec.13, T.8 N., R.1 W.)

Chains	<p>The Gila & Salt River Meridian was surveyed thru T.8 N. by J.B. McLaughlin, U.S.D.S. in 1883; resurveyed in 1915 by C.M. Pidgeon, U.S.S.; and again resurveyed by G.F. Sawyer U.S.S. in 1925.</p> <p>No other resurvey or retracement of the Meridian in T.8 N. is of record.</p> <p>Prior to the 1925 resurvey all corners on the Meridian in T.8 N. had a common reference to areas on both sides of the line, but the 1925 resurvey changed them to refer to areas W. of line only; established closing corners for the subdivision lines of T.8 N., R.1 E.; and $\frac{1}{4}$ sec. cors. for the areas E. of line.</p> <p>The following notes describe a retracement of that part of the Meridian forming the E. bdy. of sec.13, T.8 N., R.1 W.</p>
	<p>-----</p> <p>The true point for cor. of secs.13 and 24, T.8 N., R.1 W. is witnessed at 1.95 chs. S.0°06'W. by an iron post, 3 ins. in diam., projecting 10 ins. above ground, firmly set, and marked and witnessed as described in the official record.</p> <p>From true point for cor. of secs.13 and 24 (in Humbug Creek, 140 lks. wide, course S:20°E.)</p> <p>N.0°06'E., on random line, on E. bdy. of sec.13 (S. $\frac{1}{4}$)</p> <p>Over mountainous land, thru scattering undergrowth.</p> <p>Ascend 185 ft. over S. slope.</p>
4.00	Ascend gradually over W. slope.
10.08	Intersect the closing cor. of secs.18 and 19, T.8 N., R.1 E., which is an iron post, 2 ins. in diam., projecting 10 ins. above ground, firmly set, and marked and witnessed as described in the official record.
10.77	Descend 50 ft. over NW. slope.
14.00	Ravine, course SW. Ascend 95 ft. over SW. slope.
31.50	Descend 20 ft. over NW. slope.
35.30	Wash, course W. Asc. 29 ft. over S. slope.
38.00	Descend slightly over N. slope to
39.93	Intersect the $\frac{1}{4}$ sec. cor. of sec.13, which is an iron post, 1 in. in diam., projecting 10 ins. above ground, firmly set, and marked and witnessed as described in the official record.
	<p>True course and dist. of S. $\frac{1}{4}$ of E. bdy. of sec.13 are therefore, N.0°06'E., 39.93 chs.</p> <p>Thence</p> <p>N.0°06'E., on random line, on E. bdy. of sec.13 (N. $\frac{1}{4}$)</p> <p>Over mountainous land, thru scattering undergrowth.</p> <p>Descend slightly over N. slope.</p>
1.00	Wash, course W. Ascend 90 ft. over S. slope.
6.40	Granite spur, slopes W. Descend 50 ft. over N. slope to
10.32	Intersect the $\frac{1}{4}$ sec. cor. of sec.18, which is an iron post, 1 in. in diam., projecting 8 ins. above a mound of stone, 3 ft. base, 1 $\frac{1}{2}$ ft. high, in which it is firmly set, marked and witnessed as described in the official record.
	Descend slightly over N. slope.
13.35	Draw, course SW. Ascend 80 ft. over SE. slope.

Retracement of Part of the Gila and Salt River Meridian.
(East of sec.13, T.8 N., R.1 W.)

BOOK 8866

- Chains
- 16.90 Spur, slopes SW. Descend 50 ft. over NW. slope.
- 21.87 Draw, course NW. Ascend 20 ft. over SW. slope.
- 25.90 Point of spur, slopes W. Descend 150 ft. over NW. slope.
- 31.60 Draw, course W. Ascend 65 ft. over S. slope.
- 37.65 Spur, slopes SW. Desc. gradually over NW. slope.
- 38.70 Draw, course SW. Ascend slightly over SW. slope to
- 40.19 Intersect the cor. of secs.12 and 13, T.8 N., R.1 W., which is an iron post, 3 ins. in diam., projecting 10 ins. above ground, firmly set, and marked and witnessed as described in the official record.

True course and dist. of N. $\frac{1}{2}$ of E. bdy. of sec.13 are therefore, N10°06'E., 40.19 chs.

Land, mountainous.
Soil, rocky, 4th rate.
Timber, none.
Undergrowth, greasewood and cacti.



Survey of Part (Completion) of Subdivision Lines of T. 8 N., R. 1 W. (East half of line bet. secs. 12 and 13)

Chains

Parts of the subdivision lines of T. 8 N., R. 1 W. were surveyed by: F. B. Jacobs, U.S.D.S. in 1891; C. R. Caudle, U.S.D.S. in 1901; C. M. Pidgeon, U.S.S. in 1915; and G. F. Sawyer, U.S.S. in 1925. These surveys included all of the subdivision lines of the township with the exception of the east half of the line bet. secs. 12 and 13.

Part of the subdivision lines were retraced and resurveyed in 1915 by C. M. Pidgeon, U.S.S.

No other retracement or resurvey of any part of the subdivision lines of this township is of record.

The following notes describe a survey of the east half of the line bet. secs. 12 and 13, which completes the subdivision lines of this township.

From the cor. of secs. 12 and 13 on the east bdy. of the Tp. (G. & S.R. Meridian), hereinbefore described,

West, on random line bet. secs. 12 and 13 (E. 1/2)

West, on random line bet. secs. 12 and 13 (E. 1/2)

39.80 Fall 9 lks. S. of the 1/4 sec. cor., which is an iron post, 1 in. in diam., projecting 10 ins. above ground, firmly set, and marked and witnessed as described in the official record.

Thence

S. 89° 52' E., on true line, bet. secs. 12 and 13 (E. 1/2) Over mountainous land, thru scattering undergrowth. Ascend 126 ft. over W. slope.

4.40 Ridge, bears N. 20° E. and S. Desc. 640 ft. over E. slope.

27.35 Center of Humbug Creek, 100 lks. wide, nearly dry, course SE. Ascend 47 ft. to

28.90 Top of bluff, bearing NW. and SE., facing SW. Ascend gradually to

29.80 Top of ascent. Abandoned stamp mill bears S. 3 chs. Desc. 20 ft. over SE. slope.

30.30 Rock Wall Gulch, 90 lks. wide, course SW. Asc. 140 ft. over broken SW. slope to

39.80 Intersect the cor. of secs. 12 and 13, on the east bdy. of the Tp. (G. & S.R. Meridian), hereinbefore described.

Land, mountainous. Soil, rocky, 4th rate. Timber, none. Undergrowth, greasewood and cacti.

SEGREGATION SURVEY OF THE NORTH FIELD.

BOOK 117

Chains.

Metes-and-bounds surveys of tracts of land known as North Field, Harrison M. Claim, Golden Glint, and Cooldige lodes, and The Star placer, classified as mineral bearing but not covered by mineral patent survey, in sec. 13, T. 8 N., R. 1 W. and sec. 18, T. 8 N., R. 1 E. The positions of the location corners found were verified by the mineral claimant.

Beginning at cor. No. 1 of the North Field, where

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for cor. No. 1, with brass cap mkd.



raise a mound of stone, 2 ft. base, 1 1/2 ft. high, in angle on claim.

The 1/4 sec. cor. on the E. bdy. of sec. 13, T. 8 N., R. 1 W., bears S. 35° 38' E., 13.01 chs. dist.; hereinbefore described.

No trace of location cor. found.

N. 59° 57' W., along line 1-2 of the North Field.

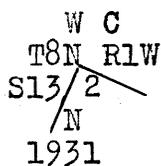
Over rough and broken land; ascend.

1.20 Rocky spur, slopes SW.; descend.

4.65 Center end location monument; a mound of stone, 2 ft. base, 2 ft. high. The discovery monument bears S. 42° 17' W., 4.20 chs. dist.; a mound of stone, 3 ft. base, 2 ft. high, at portal of tunnel facing NE.

7.10 Middle of Humbug Creek, 1.00 ch. wide, nearly dry, course S. from NE.; ascend 60 ft.

9.24 Set an iron post, 3 ft. long, 1 in. diam., 25 ins. in the ground, for witness cor. to cor. No. 2, with brass cap mkd.



raise a mound of stone, 3 ft. base, 2 ft. high, S. of cor. on claim.

9.30 The true point for cor. No. 2 falls on N. face of ledge an unsafe place for monument.

No trace of location cor. found.

Thence

S. 42° 17' W.; along line 2-3 of the North Field.

Over rough and broken land; general SE. slope.

17.30 Gulch, 20 lks. wide, 50 ft. deep, course SE.

19.03 Set an iron post, 3 ft. long, 1 in. diam., 24 ins. in the ground, for cor. No. 3, with brass cap mkd.

SEGREGATION SURVEY OF THE NORTH FIELD.

Chains.

T8N N
 RLW 3
 S13
 1931

raise a mound
 of stone, 3 ft. base, 2 ft. high, in angle on claim.

No trace of location cor. found.

Thence

S. 59° 57' E., along line 3-4 of the North Field.

Over rolling land.

4.65 Center end location monument; a mound of stone, 2 ft.
 base, 2 ft. high.

9.30 Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the
 ground to bed rock, with a granite stone, 5 x 6 x 8 ins.,
 mkd. X, deposited at base, and in a mound of stone to
 top, for cor. No. 4, with brass cap mkd.

N T8N
 4 RLW
 S13
 1931

raise a mound
 of stone, 3 ft. base, 2 ft. high, in angle on claim.

The location cor., bears S. 59° 57' E., 35 lks. dist.;
 a mound of stone, 2 ft. base, 2 ft. high.

Thence

N. 42° 17' E., along line 4-1 of the North Field.

Over rough and broken land; descend 30 ft.

3.60 Gulch, 20 lks. wide, course E.; ascend 60 ft.

6.00 Spur, slopes SE.; descend.

6.12 Intersect line 2-3 Harrison M. Claim.

7.85 Intersect line 1-2 Harrison M. Claim.

14.00 Humbug Creek, 1.00 ch. wide, course S.; ascend 145 ft.

19.03 Cor. No. 1 and place of beginning.

SEGREGATION SURVEY OF THE HARRISON M. CLAIM.

Beginning at cor. No. 1 of the Harrison M. Claim, where,

Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the
 ground to bedrock, with a granite stone, 4 x 6 x 8 ins.,
 mkd. X, deposited at base, and in a mound of stone to
 top, for cor. No. 1, with brass cap mkd.

T8N R1E
 1
 H M S18
 1931

from which
 The $\frac{1}{4}$ sec. cor. on the E. bdy. of sec. 13, T. 8 N., R.
 1 W., bears S. 61° 22' W., 7.33 chs. dist., hereinbe-
 fore described.

A corner of the location, bears N. 86° 40' E., 1.85

SEGREGATION SURVEY OF THE HARRISON M. CLAIM

BOOK 1936

Chains.

chs. dist.; a mound of stone, 2 ft. base, 2 ft. high.
S. 86° 40' W., along line 1-2 of the Harrison M. Claim.
Over mountainous land; descend 360 ft.

6.44 Intersect the E. bdy. of sec. 13, T. 8 N., R. 1 W., at a point from which the 1/4 sec. cor. bears S. 0° 06' W., 3.14 chs. dist.; hereinbefore described.

16.20 Humbug Creek, 1.00 ch. wide, course S.; ascend 80 ft.

21.63 Intersect line 4-1 of the North Field.

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

T8N RLW
2
S13 H M
1931

raise a mound of stone, 3 ft. base, 2 ft. high, in angle on claim. This cor. is identical with a corner of the location.

Thence

S. 3° 33' W., along line 2-3 of the Harrison M. Claim.

Over rough and broken E. slope; descend.

1.22 Intersect line 4-1 of the North Field.

3.50 Gulch, 20 lks. wide, 60 ft. deep, course E.; ascend

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

T8N H M
RLW 3
S13
1931

raise a mound of stone, 3 ft. base, 2 ft. high, in angle on claim. This cor. is identical with a location corner.

Thence

N. 86° 23' E., along line 3-4 of the Harrison M. Claim.

Over rough and broken land; descend 80 ft. over E. slope.

5.60 Humbug Creek, 100 lks. wide, nearly dry, course S.; ascend 320 ft.

8.50 Two tunnels. facing W., bears N. 3.50 chs. dist.

16.73 Intersect the E. bdy. of sec. 13, T. 8 N., R. 1 W., at a point from which the 1/4 sec. cor., bears N. 0° 06' E., 4.53 chs. dist.; hereinbefore described.

17.40 Dry drain, course SW.

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

H M T8N
4 R1E
S18
1931

raise a mound

SEGREGATION SURVEY OF THE HARRISON M. CLAIM

Chains.

of stone, 2 ft. base, 1½ ft. high, in angle on claim. This cor. is in a prospect hole, 6 ft. wide, 4 ft. deep on E. side.

A corner of the location bears N. 86° 23' E., 3.58 chs. dist., a mound of stone, 3 ft. base, 2 ft. high.

Thence

N. 3° 33' E., along line 4-1 of the Harrison M. Claim.

Over rough and broken SW. slope.

1.50 Descend 53 ft. to

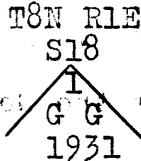
3.70 Dry drain, course SW.; ascend 95 ft.

7.68 Cor. No. 1 and place of beginning.

SEGREGATION SURVEY OF THE GOLDEN GLINT.

Beginning at cor. No. 1 of the Golden Glint, where

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



raise a mound of stone, 3 ft. base, 2 ft. high, in angle on claim. This cor. is identical with a corner of the location.

The ¼ sec. cor. on the E. bdy. of sec. 13, T. 8 N., R. 1 W., bears N. 13° 00' W., 5.83 chs. dist.; hereinbefore described.

S. 52° 37' W., along line 1-2 of the Golden Glint.

Descending over SW. slope.

1.66 Intersect the E. bdy. of sec. 13, T. 8 N., R. 1 W., at a point from which the ¼ sec. cor., bears N. 0° 06' E., 6.69 chs. dist.; hereinbefore described.

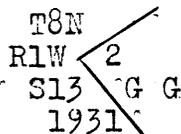
10.35 Intersect line 6-1 of The Star placer claim.

14.00 Humbug Creek, 2.00 chs. wide, nearly dry, course S. 20° E.; ascend.

21.20 Top of ascent, bears NW. and SE., thence over bench.

22.67 Intersect line 3-4 of The Star placer claim.

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



raise a mound of stone, 3 ft. base, 2 ft. high, in angle on claim.

No trace found of location corner.

Thence

SEGREGATION SURVEY OF THE GOLDEN GLINT.

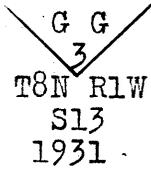
BOOK 3836

Chains.

S. 34° 20' E., along line 2-3 of the Golden Glint.

Descend slightly over bench land.

9.11 Set an iron post, 3 ft. long, 1 in. diam., 24 ins. in the ground, for cor. No. 3, with brass cap mkd.



raise a mound of stone, 3 ft. base, 2 ft. high, in angle on claim.

A corner of the location bears S. 51° 35' W., 1.91 chs. dist.; a mound of stone, 3 ft. base, 2 ft. high.

Thence

N. 51° 35' E., along line 3-4 of the Golden Glint.

Over nearly level bench land.

0.75 Leave bench, bears N. and S.; descend 80 ft.

4.49 Intersect line 4-5 of The Star placer claim.

5.25 Middle of Humbug Creek, 100 lks. wide, nearly dry, course S. from NE.; ascend 270 ft.

6.01 Intersect line 3-4 of the Cooldige.

11.70 Intersect line 6-1 of The Star placer claim.

14.75 Intersect the E. bdy. of sec. 13, T. 8 N., R. 1 W., at a point from which the $\frac{1}{4}$ sec. cor. bears N. 0° 06' E., 17.81 chs. dist.; hereinbefore described.

15.70 Gulch, course S.

22.73 Set an iron post, 3 ft. long, 1 in. diam., 3 ins. in the ground to bedrock, with a granite stone, 6 x 8 x 10 ins., mkd. X, deposited at base, and in a mound of stone to top, for cor. No. 4, with brass cap mkd.



This corner is identical with a corner of the location.

Thence

N. 34° 20' W., along line 4-1 of the Golden Glint.

Over rough and broken SW. slope.

0.10 Intersect line 2-3 of the Cooldige.

1.50 Gulch, course W.

8.70 Cor. No. 1 and place of beginning.

SEGREGATION SURVEY OF THE COOLDIGE.

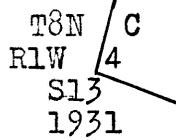
- Chains. Beginning at cor. No. 1 of the Cooldige, where -
- Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for cor. No. 1, with brass cap mkd.
- T8N R1W
S13
1931
- raise a mound
of stone, 2 ft. base, 1½ ft. high, in angle on claim.
- The closing cor. of secs. 18 and 19, T. 8 N., R. 1 E. on the E. bdy. of sec. 13 T. 8 N., R. 1 W., bears N. 37° 51' E., 4.05 chs. dist.; hereinbefore described.
- A corner of the location bears S. 20° 15' W., 4.05 chs. dist.; a mound of stone, 3 ft. base, 2 ft. high.
- N. 26° 12' E., along line 1-2 of the Cooldige.
- Over rough and broken SW. slope; ascend 330 ft.
- 5.64 Intersect the E. bdy. of sec. 13, T. 8 N., R. 1 W., at a point from which the closing cor. of secs. 18 and 19, T. 8 N., R. 1 E., bears S. 0° 06' W., 1.86 chs. dist.; hereinbefore described.
- 22.17 Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in a crevice in rock, for cor. No. 2, with brass cap mkd.
- T8N
R1E
S18
1931
- raise a mound
of stone, 2 ft. base, 1½ ft. high, in angle on claim.
This cor. is identical with a corner of the location,
and is on top of a rocky point.
- Thence
- N. 70° 22' W., along line 2-3 of the Cooldige.
- Over rough and broken land; descend 115 ft.
- 1.16 Intersect line 4-1 of the Golden Glint.
- 3.25 Gulch, course SW.
- 6.25 Set an iron post, 3 ft. long, 1 in. diam., 24 ins. in the ground, for cor. No. 3, with brass cap mkd.
- T8N R1E
S18
1931
- raise a mound
of stone, 2 ft. base, 1½ ft. high, in angle on claim.
This cor. is identical with a corner of the location.
- A prospect hole, 8 ft. sq., 6 ft. deep, bears S. 45° W., 50 lks. dist.
- Thence
- S. 34° 05' W., along line 3-4 of the Cooldige.
- Descend over rolling land.

SEGREGATION SURVEY OF THE COOLDIGE.

BOOK 3336

Chains.

- 2.48 Intersect the E. bdy. of sec. 13, T. 8 N., R. 1 W., at a point from which the $\frac{1}{4}$ sec. cor., bears N. $0^{\circ} 06'$ E., 13.11 chs. dist.
- 5.00 Descend 175 ft. over a bluff, bears NW. and SW.
- 8.46 Intersect line 6-1 of The Star placer claim.
- 10.50 Enter Humbug Creek, course along line.
- 14.71 Intersect line 3-4 of the Golden Glint.
- 15.40 Leave Humbug Creek, course S.; ascend 80 ft.
- 15.96 Intersect line 4-5 of The Star placer claim.
- 22.73 Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for cor. No. 4, with brass cap mkd.



raise a mound of stone, 3 ft. base, 2 ft. high, in angle on claim.

A cor. of the location bears S. $34^{\circ} 05'$ W., 3.25 chs. dist.; a mound of stone, 3 ft. base, 3 ft. high.

Thence

S. $70^{\circ} 22'$ E., along line 4-1 of the Cooldige.

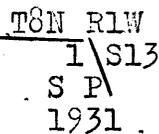
Over broken land; descend 80 ft.

- 7.50 Humbug Creek, 1.50 chs. wide, course S. 20° E.; ascend 70 ft.
- 9.39 Cor. No. 1 and place of beginning.

SEGREGATION SURVEY OF THE STAR placer.

Beginning at cor. No. 1 of The Star placer, where

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



raise a mound of stone, 3 ft. base, 2 ft. high, in angle on claim.

This cor. is identical with a corner of the location. The $\frac{1}{4}$ sec. cor. on the E. bdy. of sec. 13, T. 8 N., R. 1 W., bears N. $46^{\circ} 18'$ E., 12.37 chs. dist.; hereinbefore described.

The SE. cor. of C. W. North's house, bears NE. 30 lks. dist.

S. $88^{\circ} 45'$ W., along line 1-2 of The Star placer.

Over level bench land.

- 0.50 Shed, bears N. and S.
- 0.90 Descend 35 ft. over W. slope.

SEGREGATION SURVEY OF THE STAR placer.

Chains.

- 2.18 Humbug Creek, 1.00 ch. wide, nearly dry, course S.
- 3.50 Abandoned Columbia Postoffice, bears N. 2.40 chs. dist.; ascend 100 ft.
- 9.42 Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the ground to bedrock, with a granite stone, 3 x 5 x 7 ins., mkd. X, deposited at base, and in a mound of stone to top, for cor. No. 2, with brass cap mkd.

~~T8N RLW~~

S13 2
S P

1931

This cor. is at the SE. edge of a boulder, 6 x 6 x 3 ft. above ground, upon which there is a mound of stone, 2 ft. base, 1 1/2 ft. high, a corner of the location.

Thence

S. 5° 30' W., along line 2-3 of The Star placer.

Descend 135 ft. over S. slope.

- 2.65 Gulch, course E.; ascend 130 ft. over W. slope.
- 6.50 Top of ascent, bears E. and W.; thence over bench land.
- 8.67 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 cor. No. 3, with brass cap mkd.

~~T8N S P
RLW 3
S13
1931~~

raise a mound of stone, 3 ft. base, 2 ft. high, in angle on claim. This cor. is identical with a corner of the location.

Thence

S. 49° 56' E., along line 3-4 of The Star placer.

Over bench land;; descend slightly.

- 3.26 Intersect line 1-2 of the Golden Glint.
- 9.48 Set an iron post, 3 ft. long, 1 in. diam., 10 ins. in the ground to bedrock, with a granite stone, 4 x 6 x 10 ins., mkd. X, deposited at base, and in a mound of stone to top, for cor. No. 4, with brass cap mkd.

~~S P
T8N 4
RLW S13
1931~~

This cor. is identical with a corner of the location.

Thence

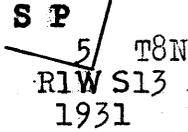
S. 79° 10' E., along line 4-5 of The Star placer.

Descend 120 ft. over E. slope.

- 3.95 Intersect line 3-4 of the Golden Glint.
- 4.45 Intersect line 3-4 of the Cooldige.

Chains.

- 5.50 Humbug Creek, 100 lks. wide, course S.
- 6.85 A pine post, 4 ins. sq., 2 ft. long., set in a mound of stone, 3 ft. base, 2 ft. high, bears SW., 55 lks. dist. This monument is alongside of a shaft, 8 ft. sq., 40 ft. deep. Ascend 74 ft.
- 9.09 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for cor. No. 5, with brass cap mkd.



raise a mound of stone, 2 ft. base, 1½ ft. high, in angle on claim.

No trace of location corner found.

Thence

N. 18° 47' E., along line 5-6 of The Star placer.

Ascend 50 ft. over SW. slope.

- 4.32 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for cor. No. 6, with brass cap mkd.



raise a mound of stone, 2 ft. base, 1½ ft. high, in angle on claim.

No trace found of location corner.

Thence.

N. 30° 10' W., along line 6-1 of The Star placer.

Over rough and broken land.

- 1.30 Bluff, bears NE. and SW.
- 1.57 Intersect line 3-4 of the Golden Glint.
- 3.47 Intersect line 3-4 of the Cooldige.
- 4.50 Placer work on the W. side of Humbug Creek, bears W. 3.50 chs. dist.
- 10.52 Intersect line 1-2 of the Golden Glint.
- 13.30 Dry wash, 10 lks. wide, 10 ft. deep, course W.
- 14.52 Cor. No. 1 and place of beginning.

FINAL TEST OF THE SOLAR ATTACIMENT.

January 26: At camp near the center of sec. 25. at 4h. Om.,p.m., app.t., set off 34° 00' N. on the lat. arc; 18° 43' S. on the decl. arc; and orient the instrument with the solar; the line of sight agrees with the meridian established by Polaris observation.

January 27: At the same station, at 8h. Om.,a.m., app.t., set off 34° 00' N. on the lat. arc; 18° 32½' S. on the decl. arc; and repeat the test of the solar; the line of sight agrees with the meridian established by Polaris observation.
January 27, 1931.

SEGREGATION SURVEYS IN T. 8 N., R. 1 W.

GENERAL DESCRIPTION.

The land covered by the foregoing segregation surveys lies along Humbug Creek and in the Humbug Mining District. That portion west of the creek is bench and rolling land, while that east of the creek lies on the SW. slope of a mountain.

Scattering undergrowth is encountered on the area including some mesquite and scattering cottonwood trees along the creek.

At some time in the past considerable mining has been done in this vicinity and to the northward, but has been abandoned for a number of years along with the old Columbia postoffice.

W. 1/2

of the Golden State

of the Golden State

of the Golden State

NOTICE OF MINING LOCATION
LODE CLAIM

TO ALL WHOM IT MAY CONCERN:

This Mining Claim, the name of which is the NORTH FIELD 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 C. W. North A Citizen of the U. S. A. the undersigned, on the 1th day of Oct., 1921

The length of this claim is 1500 feet and I claim 1300 feet in a Westerly direction and 200 feet in a Easterly direction from the center of the discovery shaft, at which the 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 East to the West.

The claim is situated and located in the Humbug Mining District, in Yavapai County, in the State of Arizona, about 500 feet in a Northerly direction from the Ex Columbia P. O. Store formerly owned by Charles Thompson Knows as the Columbia Grade Spring Claim. Takes in the Spring just below the M. J. Nolon house north of it

The surface boundaries of the claim are marked upon the groundas follows: Beginning at a monument of stone at a point in a Westerly direction 1300 feet from the discovery shaft (at which this notice is posted), being in the center of the West end line of said claim; thence 300 feet to a Monument of stone, being the S. W. corner of said claim; thence 1500 feet to a Monument of stone, being at the S. E. corner of said claim; thence 300 feet to a Monument of stone at the center of the East end of said claim; thence 300 feet to a Monument of stone, being at the N. E. corner of said claim; thence 1500 feet to a Monument of stone at the N. W. corner of said claim; thence 300 feet to the place of beginning.

Dated and posted on the ground this 1st day of Oct 1921
Locater
C. W. North

Filed and recorded at request of C. W. North Nov 14th A. D. 1921, at 2:10 o'clock P. M., Book 119 of Mines, page 316, Records of Yavapai County, Arizona.

By James W. Coyne (SEAL)
Deputy Recorder.

E. A. Mc Swiggin,
County Recorder.

NOTICE OF MINING LOCATION
LODE CLAIM

TO ALL WHOM IT MAY CONCERN:

This Mining Claim, the name of which is the HARRISON M CLAIM 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 Andrew Encinos & Juan Encinos & Citizen of the U. S. the undersigned, on the 1st day of July, 1921

The length of this claim is 1500 feet and we claim 500 feet in a Westerly direction and 1000 feet in a Easterly direction from the center of the discovery shaft, at which the 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 east to the west.

The claim is situated and located in the Humbug Mining District, in Yavapai County, in the State of Arizona, about 300 in a Easterly direction from the Ex P. O. & Store at Clumbia the Harrison Mining claim ownd at one time Charles Thompson and runs a cross the Humbug Creek furt in front the Thompson Cabin.

The surface boundaries of the claim are marked upon the ground as follows: Beginning at this location was formerly Known as the Harrison M. C. own by Charles thompson Estate on Humbug Creek at Columbia at a point in a Easterly direction 1000 feet from the discovery shaft (at which this notice is posted), being in the center of the East end line of said claim; thence 300 feet to a Monument of Stone, being the N. E. corner of said claim; thence 1500 feet to a Monument of Stone, being at the N. W. corner of said claim; thence 300 feet to a Monument of Stone at the center of the West end of said claim; thence 300 ft feet to a Monument of Stone, being at the S. W. corner of said claim; thence 1500 feet to a Monument of Stone at the S. E. corner of said claim; thence 300 feet to the place of beginning.

Dated and posted on the ground this 1st day of July 1921
Andrew Encines
Juan Enciges

C. W. North
Agent

Filed and recorded at request of C. W. North July 8th A. D. 1921, at 1:30 o'clock P. M., Book 117 of Mines, Page 526, Records of Yavapai County, Arizona.

E. A. Mc Swiggin,
County Recorder

By Frank C. Bauer, (SEAL)
Deputy Recorder



NOTICE OF MINING LOCATION
LODE CLAIM

TO ALL WHOM IT MAY CONCERN:

This Mining Claim, the name of which is the GOLDEN GLINT 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 C. W. North a Citizen of the U. S. the undersigned, on the 17th day of April, 1924

The length of this claim is 1500 feet and I claim 500 feet in a Easterly direction and 1000 one thousand feet in a West-erly 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 Easterly to the Westerly.

The claim is situated and located in the Humbug Mining District, in Yavapai County, in the State of Arizona, about 500 feet in a S. E. direction from the Old Store and P. Office of Columbia, the Claim was at one time known as the Stringer ownd then by Taylor X Odell.

The surface boundaries of the claim are marked upon the groundas follows: Beginning at a Monument of Stone at a point in a Easterly direction 500 feet from the discovery shaft (at which this notice is posted), being in the center of the East end line of said claim; thence 300 feet to a monument of stone, being the N. E. corner of said claim; thence 1500 feet to a monument of Stone, being at the N. W. corner of said claim; thence 300 feet to a Monument of stone at the center of the West end of said claim; thence 300 feet to a Monument of Stone, being at the S. W. corner of said claim; thence 1500 feet to a Monument of Stone at the S. E. 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 17th day of April, 1924.
C. W. North

Filed and recorded at request of C. W. North, June 14, A. D. 1924 at 9:00 o'clock A. M., Book 123 of Mines, page 553, Records of Yavapai County, Arizona.

By Laura Theobald,
Deputy Recorder.
(SEAL) Grace Chapman,
County Recorder

NOTICE OF MINING LOCATION
LODE CLAIM

TO ALL WHOM IT MAY CONCERN:

This Mining Claim, the name of which is the COOLDIGE 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 C. W. North a Citizen of the U. S. the undersigned, on the 1st day of July at 12 30 P. M., 1924

The length of this claim is 1500 feet and I claim 200 feet in a Northerly direction and 1300 feet in a Southerly 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 to the North.

The claim is situated and located in the Humbug Mining District, in Yavapai County, in the State of Arizona, about 600 feet in a S. E. direction from The C. W. North House and Camp and about 750 feet from the Columbia Store & P. O. site, and this location was known as the Dwyen Dike

The surface boundaries of the claim are marked upon the groundas follows: Beginning at a monument of stone at a point in a northerly direction 200 feet from the discovery shaft (at which this notice is posted), being in the center of the North end line of said claim; thence 300 feet to a Monument of stone, being the N. W. corner of said claim; thence 1500 feet to a monument of stone, being at the S. W. corner of said claim; thence 300 feet to a monument of stone at the center of the South end of said claim; thence 300 feet to a monument of stone, being at the S. E. corner of said claim; thence 1500 feet to a monument of stone at the N. E. corner of said claim; thence 300 feet to the place of beginning.

Dated and Posted on the Grounds this 1st day of July, 1924.
C. W. North

Filed and recorded at request of C. W. North, Aug. 8, A. D. 1924 at 1:30 o'clock P. M., Book 123 of Mines, page 668, Records of Yavapai County, Arizona.

Grace Chapman,
County Recorder.

(SEAL)

By J. M. Holly
Deputy Recorder.

BOOK 3986

NOTICE OF MINING LOCATION
PLACER CLAIM

TO ALL WHOM IT MAY CONCERN:

This placer Mining Claim, the name of which is the THE STAR, Located by Andrew Encinas, Juan Encinas, Placer Mining Claim, situate on lands belonging to the United States of America, and being a form of valuable mineral deposit other than in veins or lodes of quartz or other rock in place, was entered upon and located for the purpose of exploration and purchase by - - - We are Citizens of the U. S. the undersigned, on the 1st day of July 1921, 1921. We claim 20 acres thereof, and have marked the same on the ground as follows: Beginning at Monument of Stone at the S. E. Cr the N. E. Cor of this placer Claim is about 250 feet West of Salt River Meridian running N. S. this claim is located as before running down Humbug Creek taking in the flatt, and both banks of Creek with all turns thereof as before located by thompson 1889, this location is on Section 13, - - - at a Monument of stone (post, stone or other monument) where this notice is posted; thence Westerly 300 feet to a Monument of stone, thence S. W. Cr thence 1500 feet feet to a across Humbug Creek P D Old Camp, thence 1000 feet to a Monument of stone S. E. Cor at, thence 600 C. W. N. Camp Feet to the place of beginning, containing 20 acres, all in Humbug Mining District, in the County of Yavapai, in the State of Arizona, about 400 feet in a Southerly direction from the Ex Columbia P. O. & Store, and was formerly known as the Gold Bank Placer Claim owned by Charles thompson.

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 1st day of July, 1921.
Andrew Encinas Juan Encinas

C. W. North
Agent

Filed and recorded at request of C. W. North July 8th, A. D. 1921 at 1:30 o'clock P. M., Book 106 of Mines, Page 479 Records of Yavapai County Arizona.

E. A. Mc Swiggin,
(SEAL) County Recorder
By Grace Chapman,
Deputy Recorder.

STATE OF ARIZONA,)
) SS:
County of Yavapai)

I, GRACE CHAPMAN, County Recorder in and for the County of Yavapai, State of Arizona, and custodian of the Records of such office do hereby certify that the foregoing are full, true and correct copies of the Notices of Mining Location as the same appear of record in the following Books and Pages to-wit:

- NORTH FIELD Mining Claim, Recorded in Book 119 of Mines, Page 316,
- Harrison M Claim, Recorded in Book 117 of Mines, Page 526,
- Golden Glint Mining Claim, Recorded in Book 123 of Mines Page 553,
- Cooldige Mining Claim, Recorded in Book 123 of Mines Page 668,
- The Star Placer Claim, Recorded in Book 106 of Mines, Page 479, and of the whole of each and everyone thereof.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my Official Seal in the City of Prescott, County of Yavapai, State of Arizona, on this the SIXTEENTH day of September, A. D. 1927.

(SEAL)

Grace Chapman,
County Recorder

By F. C. Bauer,
Chief Deputy Recorder.

BOOK 3936

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, retraced all those parts or portions of the Gila & Salt River Meridian in T. 8 N.; and surveyed all those parts or portions of the Subdivision Lines of T. 8 N., R. 1 W.; the NORTH FIELD, HARRISON M. CLAIM, GOLDEN GLINT, and COOLDIGE lode mining claims, and THE STAR placer mining claim, in Section 13 of

Township 8 North, Range 1 West 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 retracement and 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 retracement and survey.

San Francisco, California,
October 28, 1931.

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

APPROVAL.

OFFICE OF U. S. SUPERVISOR OF SURVEYS,

Denver, Colo., July 6, 1932.

The foregoing field notes of the retracement of Part of the Gila & Salt River Meridian (E. of sec. 13, T. 8 N., R. 1 W.) and of the survey of Part (Completion) of the Subdivision Lines of T. 8 N., R. 1 W.; the NORTH FIELD, HARRISON M. CLAIM, GOLDEN GLINT, and COOLDIGE lode mining claims, and THE STAR placer mining claim, in Section 13 of

Township 8 North, Range 1 West

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 retracement and surveys they describe, are hereby approved.

Samuel 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 this office.~~

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