

JUL 1 - 1910

4-683.

MINERAL SURVEY No. 2789

LOT No. _____

Arizona Land District.

FIELD NOTES

OF THE SURVEY OF THE MINING CLAIM OF

Paul B. Karnes

KNOWN AS THE

Mystery, Last Chance, Queen of the Hill
and Hill Top — Turquoise Mining District,
Cochise County, Arizona

Section Approx. , Township 19 S, Range 25 E (unsurveyed)

Surveyed under instructions dated May 23, 1910

by John A. Rockefeller
U. S. Mineral Surveyor.

Claim located ^{Location} See Notes, 19

Survey commenced June 2, 1910

Survey completed June 18, 1910

Address of Attorneys for Claimant
Herring & Sorin
Tucson Ariz

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S U R V E Y N O. 2 7 8 9.

MYSTERY LODE...

Be ginning at Cor. No. 1, the N E Cor. of location, identical with Cor. No. 5 North Star lode and No. 4 Johnnie lode Sur. No. 2185, a pine post 4 ins. square $2\frac{1}{2}$ ft. above ground in a mound of stone, scribed NWC-M add 1-2789. Also scribed Δ Cor. J. SWC-NS and 4-5-2185.

Whence:

U. S. Mineral Monument No. 1 Turquoise District bears N $69^{\circ}35'W$, 1471.3 ft. XBR 1-2789 chiseled on a limestone $20 \times 12 \times 8$ ins. brs. S $16^{\circ}58'E$, 10.1 ft.

Feet. Thence S $76^{\circ}02'E$. Va. $13^{\circ}10'E$

261.4 Cor. No. 4 North Star lode, Sur. No. 2185.

263.05 Post scribed SWC-C

725. Mound of stone.

1447.2 To Cor. No. 2 identical with location, a pine post 4 ins. sq. $2\frac{1}{2}$ ft. above ground in a mound of stone, scribed NEC-M add 2-2789.

Whence:

XBR 2-2789 chiseled on a limestone $30 \times 14 \times 3$ ins. brs. S $29^{\circ}15'W$, 6.3 ft.

XBR 2-2789 chiseled on a limestone $14 \times 12 \times 2$ ins. brs. S $65^{\circ}28'E$, 11.35 ft.

Thence S, $10^{\circ}50'E$. Va. $13^{\circ}15'E$.

189.7 Cor. No. 1 Bull Run lode, Sur. No. 2743, a post in a mound of stone scribed SWC-BR 1-2743..

249.4 To Cor. No. 3, identical with location, a pine post 4" ins. sq. $2\frac{1}{2}$ ft. above ground. Scribed ECE-M add 3-2789.

Whence:

XBR 3-2789 chiseled on a porphyry rock $12 \times 8 \times 2$ ins. brs. N $83^{\circ}40'W$, 9.00 ft.

XBR 3-2789 chiseled on a porphyry rock $16 \times 14 \times 6$ ins. brs. S $26^{\circ}01'W$, 13.18.

Thence S $10^{\circ}43'E$. Va. $13^{\circ}15'E$.

Mystery .

- Feet.
249.4 To Cor. No. 4, set a pine post 4 ins. sq. 4 ft. long ,
4 ins. in ground to bedrock, scribed SEC-M 4-2789.

Whence Cor. of location identical with Cor. of
and Cor. No. 7 Last Chance lode, Sur. No. 365
location Last Chance lode of this survey, Δ brs. S 68°16'E,
0.6 ft. a post in a mound of stone scribed SEC-M also
LCMCN7. Whence:

XBR 4-2789 chiseled on a porphyry reef brs. N 4°33', E,
43.4 ft.

XBR 4-2789 chiseled on a porphyry rock 14x2x8 ins.
brs. S 10°26'W, 36.45 ft.

Thence N 68°16'W, Va. 13°10'E.
- 64.05 Intersect line 5-1 Bull Run lode Sur. No. 2743 at S OK
S 0°23'W, 279.95 ft. from Cor. No. 1.
- 1064.2 To Cor. No. 5 identical with Cor. No. 1 Last Chance lode
of this survey, a redwood post 4 ins. sq. 4 ft. above
ground in a mound of stone, scribed LCMCN6, destroy
N6, add 5-1-2789 and Δ M.

Whence: XBR 5-1-2789 chiseled on limestone croppings
brs. N 73°06'W, 6.1 ft.

Thence S 8°31'W. Va. 13°00'E.
- 9.2 To Cor. No. 6 identical with Cor. No. 3 Whoop Up lode,
Sur. No. 2283 A, a pine post 4 ins. sq. 3 ft. above
ground on a mound of stone, scribed WUP N-E-C-3-2283 A,
add 6-2789, Δ M. Whence: XBR 6-2789 chiseled on lime-
stone bedrock at mouth of an open cut and shaft brs.
S 16°10'W, 9.9 ft.

XBR 6-2789 chiseled on limestone outcrop brs. S 75°
46'W, 16.05 ft.

Thence S 71° 10'W. Va. 13°00'E.
- 209.0 To Cor. No. 7 identical with Cor. No. 2 Whoop Up lode
Sur. No. 2283 A, a pine post 4 ins. sq. 3 ft. above
ground in a mound of stone, scribed WUP NCE 2-2283 A add
7-2789 Δ M

Whence:

XBR 7-2789 chiseled on limestone bedrock brs. N 72°
20'E, 3.9 ft.

X 7-2789 chiseled on limestone bedrock brs. S 9°40'E,
8.2 ft.

Mystery.

Feet.

Thence S 71°05'W. Va. 13°15'E.

40.7 To Cor. No. 8, at the intersection of line 1-2 Whoop Up lode Sur. No. 2283 A, and the theoretical east side line of Defiance lode Sur. No. 274.

Set a pine post 6x4 ins. 4 ft. long 5 ins. in the ground to bedrock in a mound of stone, scribed Δ M 8-2789.

Whence:

XBR 8-2789 chiseled on the face of a limestone cliff brs. S 79°45'E. 3.05 ft.

XBR 8-2789 chiseled on the edge of another cliff exposing 70x30 ins. brs. N 48°25'E, 11.8 ft.

Thence N 14°06'W, Va. 13°15'E

10.6 To Cor. No. 9, identical with the theoretical N E Cor. of the Defiance lode, Sur. No. 274. Set a pine post 4 ins. sq. 3 1/2 ft. long 6 ins. in the ground to bedrock in a mound of stone, scribed Δ M 9-2789.

Whence:

XBR 9-2789 chiseled on limestone bedrock brs. N 85°45'E, 8.2 ft.

XBR 9-2789 chiseled on limestone bedrock brs. S 85° 45'W, 6.7 ft.

NOTE: This theoretical N E Cor. of the Defiance lode Sur. No. 274 was determined by beginning at the N W Cor. identical with the N E Cor. Dragoon lode Sur. No. 275 and running the recorded course and distance of the north end of the Defiance lode. No signs of the North Center end nor the N E Cor. were visible.

Refer to note on the same subject in notes of Sur. No. 2283 A Whoop Up lode.

Thence S 85°45'W. Va. 13°15'E.

167.65 To Cor. No. 10, identical with Cor. No. 5 Johnnie lode Sur. No. 2185.

A cross X chiseled on limestone bedrock and S E C JOHNNIE add 10-2789 SWC-MYSTERY. (Said corner is witnessed by a monument of stone) alongside.)

Mystery,

-4-

Feet.

Whence:

SW Cor. of location identical with Cor. No. 1 Whoop Up lode Sur. No. 2283 A brs. S 10°43'E, 53.1 ft. A post in a mound of stone, scribed WUP NWC 1-2283 A and SWC-M.

NOTE: Corners 5.6.7.8.9.10 are not original corners of location but all fall within the S side line of location as shown in these notes.

Thence N 10°43'W, Va. 13°20'E.

246.6 W Center end identical with location, a pine post 4 ins. sq. 2½ ft. above ground, in a mound of stone, scribed WCE-M add 2789.

546.6 To Cor. No. 1, the place of beginning.

LAST CHANCE LODE.....

Beginning at Cor. No. 1, identical with location and with Cor. No. 5 Mystery lode of this survey heretofore described, also identical with Cor. No. 6 Last Chance lode, Sur. No. 365.

Whence: U.S. Mineral Monument No. 1 of Turquoise District brs. N 63°05'W, 2117.3 ft.

Thence S 68°16'E. Va. 13°10'E.

1000.15 Intersect line 1-5 Bull Run lode Sur. No. 2743 at S 0°23'W, 279.95ft. from Cor. No. 1 and N 0°23'E 309.95 ft. from Cor. No. 5.

1061.2 To Cor. No. 2. Set a pine post 4 ins. sq. 3½ ft. long, 5 ins. in ground to bedrock, in a mound of stone, scribed NEC-LC 2-2789.

Whence:

Cor. No. 4 Mystery lode of this survey heretofore described (with bearing rocks) brs. S 68°16'E, 3.0 ft.

Cor. of location heretofore described brs. S 68°16'E, 3.6 ft. and with Cor. No. 7 Last Chance lode, Sur. No. 365,

Thence: S 3°03'W, Va. 13°21'E.

234.7 To Cor. No. 3, identical with location and with Cor. No. 2 Queen of the Hill lode of this survey, a redwood post 4 ins. sq. (Broken off near the ground,) scribed IMLC MC. In its place set a pine post 4 ins. sq. 3½ ft. long 4 ins. in ground to bedrock ~~marked~~ on a chiseled cross in a

Feet.

monument of stone, scribed 3-2789 LC. Also 2-2789 QH.

Whence:

XBR 3-2789 chiseled on a limestone face 14x12 ins. brs.
S 47°20'W, 7.35 ft.

XBR 3-2789 chiseled on a limestone face 30x24 ins. brs.
N 72°15'W, 16.0 ft.

Cor. also identical with Cor. No. 1 Last Chance lode, Sur. No. 365.

Thence S 59°06'W. Va. 13°15'E.

53.8 Intersect line 5-1 Bull Run lode, Sur. No. 2743 at N 0°23'E
25.3 ft. from Cor. No. 5.

143.7 To Cor. No. 4, identical with location, a redwood post
4 ins. sq. 3½ ft. above ground in a mound of stone,
scribed LCMC No. 2. Destroy "No. 2", add 4-2789.

Whence:

XBR 4-2789 chiseled on limestone 48x30x10 ins. brs.
N 80°04'W, 7.8 ft.

XBR 4-2789 chiseled on the face of a limestone reef
brs. S 4°53'W, 12.9 ft.

Cor. also identical with Cor. No. 2, Last Chance lode, Sur. No. 365.

Thence N 83°13'W. Va. 13°15'E.

73.0 Cor. No. 1 Queen of the Hill lode of this survey, a
cross (x) chiseled on limestone outcrop at the inter-
section of the lines 2-3 Hill Top lode of this survey
at S 1°31'W, 67.9 ft. from Cor. No. 2.

674.1 Cor. No. 1 Hill Top lode of this survey. Intersect line
3-4 Whoop Up lode, Sur. No. 2283 A at S 16°33'E, 638.9 ft.
from Cor. No. 3.

919.9 To Cor, No. 5, identical with location, a redwood post
4 ins. sq. 3½ ft. above ground in a mound of stone,
scribed LCMC N 3. Destroy "N3" add 5-2789.

Whence:

XBR 5-2789 chiseled on face of limestone reef, brs.
S 71°55'W, 6.00 ft.

XBR 5-2789 chiseled on face of limestone reef, brs.
S 5°40'W, 11.7 ft.

Cor. also identical with Cor. No. 3 Last Chance lode, Sur. No. 365.

Thence N 11°35'W, Va. 13°10'E.

268.7 To Cor. No. 6, identical with location, a redwood post
4 ins. sq. 4 ft. above ground in a mound of stone, scribed

Feet.

LCMC N 4. Destroy "No 4", add 6-2789.

Whence:

XBR 6-2789 chiseled on a limestone face 14x12 ins.
brs. S 55°20'W, 7.00 ft.

XBR 6-2789 chiseled on a limestone 40x20x6 ins. brs.
N 32°31'W, 25.75 ft.

Cor. identical with Cor. No. 4 Last Chance lode, Survey No. 365.
Thence N 3°03'E. Va. 13°05'E.

33.4 W Center end, identical with location, a redwood post
4 ins. sq. 4 ft. above ground in a mound of stone,

scribed LCMC No. 5. Destroy "No. 5". Add WCE-2789.

Identical with Cor. No. 5, Last Chance lode, Sur. No. 365.

329.8 Intersect line 3-4 Whoop Up lode Sur. No. 2283 A at
S 16°33'E, 2.6 ft. from Cor. No. 3.

341.5 To COR. No. 1, the place of beginning.

HILL TOP LODE.....

Beginning at Cor. No. 1, identical with location, at
the intersection of line 4-5 Last Chance lode of this
survey and line 3-4 Whoop Up lode, Sur. No. 2283 A, a
pine post 4 ins. sq. 2½ ft. above ground in a mound of
stone, scribed NWC-HT, add 1-2789.

Whence:

U.S. Mineral Monument No. 1, Turquoise District brs.
N 52°38'W, 2602.9 ft.

Cor. No. 5 Last Chance lode, brs. N 83°13'W, 145.8 ft.

Cor. No. 3 Whoop Up lode brs. N 16°33'W, 638.9 ft.

XBR 1-2789 chiseled on limestone bedrock, brs. S 83°13'E,
13.9 ft.

Thence: S 89°42'E. Va. 13°10'E.

299.4 N Center end identical with location, a pine post 4 ins.
sq. 3 ft. above ground, in a mound of stone, scribed
NCE-HT, add 2789.

598.7 To Cor. No. 2, identical with location a pine post 4 ins.
sq. 3 ft. above ground, in a mound of stone, scribed
NEC-HT. Add 2-2789.

Whence:

XBR 2-2789 chiseled on face of a high limestone reef

Mystery, Last Chance, Hill Top. -A-

Feet.

brs. S 4°48'W, 9.0 ft.

XBR 2-2789 chiseled on face of same reef brs. S 80°05'W
11.25 ft.

Thence S 1°31'W. Va. 13°15'E.

67.9 Intersect line 4-5 Last Chance lode of this survey, at
N 83°13'W, 73.0 ft. from Cor. No. 4.

239. Easterly edge of a shaft.

265. Westerly edge of a shaft

831.7 To Cor. No. 3, identical with location and with Cor. Nos
6 Queen of the Hill lode of this survey 3 Tip Top lode
survey No. 1903, a pine post 4 ins. sq. 3 ft. above
ground in a mound of stone, scribed SEC-HT, and Δ QH,
add 3-6-2789. Also scribed NEC-TT 3-1903.

Whence:

XBR 3-6-2789 chiseled on a limestone face 36x24 ins. brs.
N 51°26'W, 9.4 ft.

XBR 3-6-2789 chiseled on a limestone 48x48x24 ins. brs.
N 3°25'E, 23.3 ft.

Thence N 89°42'W, Va. 13°05'E.

164.9 S Center end identical with location, a pine post 4 ins.
sq. 2½ ft. above ground in a mound of stone scribed SCE-
HT. Add 2789.

254.9 Cor. No. 2 Tip Top lode Sur. No. 1903, a post in mound
of stone scribed NCE TT 2-1903.

328.2 To CoR. No. 4, identical with location a pine post 4 ins.
sq. 3 ft. above ground, in a mound of stone, scribed SWC-
HT. Add 4-2789.

Whence:

XBR 4-2789 chiseled on limestone face 30x14 ins. brs.
S 81°58'W, 11.8 ft.

XBR 4-2789 chiseled on limestone 18x12x3 ins. brs.
N 15°03'E, 18.05 ft.

Thence N 16°35'W. Va. 13°00'E.

34.1 Cor. No. 4 Whoop Up lode Sur. No. 2283 A, a post in
a mound of stone, scribed W Up SEC-4-2283 A.

868.8 To CoR. No. 1 the place of beginning.

Feet.

QUEEN OF THE HILL LODE.

Beginning at Cor. No. 1, identical with location a cross (x) chiseled on very rough limestone outcrop, witnessed by a monument of stone, add to chiseling NWC-QH 1-2789. Located at intersection of lines 4-5 Last Chance lode and 2-3 Hill Top lodes both of this survey.

Whence U.S. Mineral Monument No. 1 of Turquoise District brs. N 58°14'W, 3135.3 ft.

Thence N 71°37'E. Va. 13°15'E.

- 157.85 Intersect line 5-1 Bull Run lode, Sur. No. 2743, at N 0°23'E, 37.6 ft. from Cor. No. 5.
- 206.4 To Cor. No. 2, identical with location and with Cor. No. 3 Last Chance lode of this survey and heretofore described.
- Thence N 86°27'E, Va. 13°15'E.
- 192.4 To Cor. No. 3, identical with location a pine post 4 ins. sq. 3 ft. above ground in a mound of stone scribed NEC-QH. Add 3-2789.
- Whence:
XBR 3-2789 chiseled on a limestone 30x24x10 ins. brs. S 75°10'W, 31.78 ft.
No other bearing available.
Thence S 7°37'30"E. Va. 13°20'E.
- 206.0 Cor. No. 4 Bull Run and No. 1 Bunker Hill lodes, Sur. No. 2743, a post in a mound of stone scribed SEC-BR SWC-BH 4-1-2743. Cor. No. 5 Bull Run lode brs. N. 62°19'30"W. 300 ft.
- 484.7 Cor. No. 5 Bunker Hill lode Sur. No. 2743, a post in a mound of stone, scribed BH 5-2743.
- 946.37 Intersect line 1-2 Sadie No. 2 lode, Sur. No. 2405 at N 76°40'E, 4968 ft. from Cor. No. 1.
- 1031.0 To Cor. No. 4, set a pine post 4 ins. sq. 3½ ft. long 4 ins. in ground to bedrock, scribed SEC-QH 4-2789.
- Whence:
XBR 4-2789 chiseled on a limestone 16x16x3 ins. brs. N 1°13'W, 11.45 ft.
XBR 4-2789 chiseled on a limestone 18x8x3 ins. brs.

- feet.
- N 77°05'W, 31.95 ft.
- Cor. of location a post in a mound of stone scribed
S80-QH brs. S 7°37'30"E, 128.2 ft.
- Thence S 86°27'W. Va. 13°15'E.
- 236.6 The point for S Center end falls on a precipitous bluff
unsuitable for corner post or marking,
- Hence at
- 242.9 establish witness corner. Chisel a cross (x) on lime-
stone bedrock and WC-SCE-QH-2789 and raise a monument
of stone alongside. (Westerly).
- From point for true SCE the center end of location a
post in a mound of stone, scribed SCE-QH brs. S 5°10'E,
128.2 ft.
- 495.6 To Cor. No. 5, identical with Cor. No. 1 Sadie No. 2
lode. Sur. No. 2405 a cross (x) chiseled on limestone
bedrock and NWC-S2 1-2405, witnessed by a monument of
stone alongside. Add SWC-QH 5-2789.
- Whence:
- XBR 5-2789 chiseled on limestone bedrock, brs. N 33°50'E,
8.3 ft.
- XBR 5-2789 chiseled on limestone bedrock brs. S 68°15'W
10.8 ft.
- Cor. of location a post (down) in mound of stone,
scribed SWC-QH brs. S 13°20'E, 128.2 ft.
- Thence N 13°20'W. Va. 13°10'E
- 217.9 To Cor. No. 6, identical with location and with Cor.
No. 3 Hill Top lode of this survey and 3 Tip Top lode
Sur. No. 1903, and heretofore described.
- Thence N 1°31'E. Va. 13°05'E.
- 763.8 To Cor. No. 1, the place of beginning.

AREA.

Acres.

Total area Mystery lode,	13.067
Total area Last Chance lode,	10.294
Total area Hill Top lode,	8.856
Total area Queen of the Hill lode,	11.071

Feet.	Acres.	Acres.
Area in conflict ^{lode, this survey} Mystery & Bull Run, Sur. No. 2743,	.192	
Area in conflict ^{this survey,} Last Chance lode, Bull Run lode,		
Sur. No. 2743,		.306
Area in conflict ^{this survey,} Last Chance lode, ^{this survey,} and Last Chance lode, Sur. No. 365, - - - - -	10.294	
Area in conflict Queen of the Hill lode, and		
Bull Run lode, Sur. No. 2743,		.709
Area in conflict ^{this survey,} Last Chance lode, and Whoop		
Up lode, Sur. No. 2283 A,		1.235
Area in conflict ^{this survey,} Queen of the Hill lode, and Sadie		
No. 2 lode, Sur. No. 2405,		.480
Area in conflict Hill Top and Last Chance lodes, ^{this survey}		
this survey,		.466
Area in conflict Last Chance and Queen of the Hill		
lodes, ^{this survey}		.074
Area in conflict ^{lode, Sur. No. 2743,} Bull Run, Last Chance, and Queen		
of the Hill lodes, ^{this survey,}		.006

LOCATION.

This claim is located in Turquoise Mining District, Cochise County, Arizona, in approximately Tp 19 S, 4 R 25 E, unsurveyed, probably within and without the boundaries of the Coronado National Forest Reserve, unsurveyed. Lode Lines.

The presumed course of the lodes or veins on the claims of this survey are as follows:-

Mystery: from the East Center End N 77°53'W, 1427.3 ft. to the West Center End.

Last Chance: from the East Center End N 72°06'W, 1040ft. to West Center End.

Hill Top: from the South Center End N 7°41'W, 839.65 ft. to the North Center End.

Queen of the Hill: from the South Center End N 5°10'W, 1025.8 ft. to the North Center End.

ADJOINING CLAIMS.

On the North: North Star lode, Sur. No. 2185,
Martin Costello, claimant,
and unknown lode, claimant unknown.

On the East: Bull Run and Bunker Hill lodes, Sur. No. 2743,
 Warnekros and Cowan claimants.

On the South: Sadie No. 2 lode, Sur. No. 2405.

Thomas Cowan claimant.

Tip Top lode, Sur. No. 1903, Turquoise

Mining and Milling Co. claimant.

On the West: Whoop Up lode, Sur. No. 2283 A;

Defiance lode, Sur. No. 274 and Johnnie

lode, Sur. No. 2185,

Martin Costello, claimant.

 EXPENDITURE OF FIVE HUNDRED DOLLARS.

I hereby certify that the value of the labor and im-
 provements made upon, or for the benefit of, each of the
 locations embraced in said mining claim by the claimants
 or their grantors is not less than five hundred dollars
 for each claim and that said improvements consist of:

Mystery lode,

- | | |
|--|--------|
| No. 1) Discovery work. Shaft 10x5 ft. 7 ft. deep. From
shaft cut 10x4-10 ft. face runs easterly, Value,,, | \$100. |
| Also tunnel 6½ X 4½ ft. 31.5 ft. long runs W S W
Value at \$10. per ft., | \$315. |
| Southerly edge of shaft brs. S 77°53'E, 572.5 from
West Center End. | |
| No. 2) Shaft 5x5 ft. 5 ft. deep, caved, brs. from point
on lode line S 77°53'E, 554.4 ft. from W.C.E.,
N 9°00'W, 34 ft. Value,..... | \$40. |
| No. 3) Shaft 6x4x6 ft. deep, brs. S 21°00'E, 41 ft. from
Same point on lode line. Value,..... | \$30. |
| No. 4) Shaft 6x5-9 ft. deep, caved, brs. N 49°30'E, 113.5
ft. from point on lode line at S 77°53'E, 431.8ft.
from W.C.E. Value,..... | \$80. |
| No. 5) Shaft 6x4-66 ft. deep, timbered, bears S 34°04'E,
134.2 ft. from corner No. 1. Value at \$10. per ft. | \$660. |
| Timbering material and labor,..... | \$130. |
| Total..... | \$790. |

Last Chance Lode

- No. 1) Discovery cut, course S S W 28 ft. 5 ft. wide,
 10 ft. face, the mouth of which brs. N 72°06'W, 672.5
 672.5 ft. from East Center End. Value, Cut, \$100.
 Thence tunnel 71 ft. 6 1/4 x 4 1/2 course W S W.
 Value at \$10 per ft. 8 \$710.
 Total \$810.
-
- No. 2) From point on lode line, N. 72°06' W. 248.3 ft.
 from East Center End, mouth of cut and tunnel bears
 N. 81°15' W. 257.2 ft. Cut 18 x 5 ft., 10 ft. face, course
 S. S. W. Value \$100.00
 Thence tunnel, course S. W. 213 ft. approximately
 on this claim. Value at \$10 per foot \$2130.00
 Approximately 60 ft. on Hill Top Lode.
- No. 3) From point N. 72°06' W. 672.5 ft. from East Center
 End, mouth of cut bears S. 86°55' E. 212.1 ft. Cut
 4x6 ft 6 ft. face. Course S. S. W. Value \$50.00
 Thence from face of cut, winze 6x3 ft. 10 ft. deep
 caved. Value \$100.00
 Mouth of
- No. 4) Cut bears N. 86°20' E. 176.5 ft. Cut 12x4 ft. 8 ft.
 face. Course of cut W. S. W. Value \$80.00
 At face of cut, incline shaft 4x4 ft. 16 ft. deep
 Value at \$8.00 per ft. \$128.00
- No. 5) Shaft bears S. 5°00' E. 127.5 ft. Shaft 10x5 ft. 6 ft.
 deep, caved. Value \$6000
- No. 6) From point S. 68°16' E. 160 ft. from Cor. No. 1 on line
 1-2, mouth of cut bears S. 28°45' W. 86 ft.
 Thence westerly 13 ft. cut 8 ft. wide x 10 ft. face.
 Value \$100.00
 Thence westerly 57 ft. inclined tunnel 5 to 12 ft.
 wide and 5 to 10 high. Value at \$12 per foot \$684.00
 Also from portal southerly, a tunnel 18 ft. 6 1/2 x 4 1/2 ft.
 Value at \$10. per ft. \$180.00

Hill Top Lode.

From North Center End.

No.1) Discov. cut, the mouth of which bears S.7°41'E. 248 ft. Cut South westerly 20 ft., 5 ft. wide, 10 ft. face.

Value \$100.00

Thence tunnel 6½x4½ ft. 10 ft. long. Value at \$10 per ft. \$100.00

No.2) Cut and tunnel, the mouth of which bears S.18°49'E.

225 ft. Course of cut and tunnel S.W. Cut 14x5-10 ft.

face. Value \$100.00

Thence tunnel 6½x4½ ft. 8 ft. long. Value \$80.00

No.3) Shaft, the center of which bears S.11°30'E. 261 ft.

6x6 ft., 9 ft. deep. Value 80.00

No.4) Cut, the mouth of which bears S.17°33'E. 269 ft.

Course of cut South Westerly. Cut 18x5 ft. 8 ft. face

Value \$75.00

No.5) Shaft, the center of east side of which bears

S.1°31'W. 239 ft. From corner No.2.

Shaft 6x4 ft. 9 ft. deep, caved. Value 80.00

No.6, Tunnel designated as No.2 on Last Chance, extends approximately 60 ft. on the Hill Top Lode.

Value at \$10 per ft. \$600.00

Queen of the Hill Lode.

No.1) From North Center End, face of discovery cut and tunnel bears S.6°45'E. 191 ft. Course of cut W.N.W.

Cut 8x14 ft., 10 ft. face. Value \$10000

Thence tunnel W.N.W. 38 ft. 6½x4½ ft. Value at \$10 per ft. \$380.00

Also tunnel from portal W.S.W. 29 ft. 6½x4½ ft. Value \$290.00

From point on line 3-4 at S.7°37'30"E. 484.7 ft. from corner No.3.

No.2) Mouth of cut and tunnel bears N.38°11'W. 297 ft.

Course of cut Westerly 17 ft. 4½ ft. wide, 10 ft. face.

Value \$100.00

Thence tunnel 38 ft. 6½x4½ ft. Value at \$10 per ft. 380.00

No.3) Mouth of cut and tunnel bears N.83°25'W. 183 ft.

Course of cut Westerly 12 ft. 4½ ft. wide 10 ft. face.

Value \$100.00

FINAL OATHS FOR SURVEYS.

LIST OF NAMES.

A list of the names of the individuals employed by John A. Rockfellow
 United States Mineral Surveyor, to assist in running, measuring, and marking the lines, corners, and
 boundaries described in the foregoing field notes of the survey of the mining claim of _____
Paul B. Karunkers
 known as the Mystery, Last Chance Run of the Hill and Hill Top
 and showing the respective capacities in which they acted.
L. D. Mars _____, Chainman.
 _____, Chainman.
 _____, Axman.
 _____, Flagman.

FINAL OATHS OF ASSISTANTS.

L. D. Mars _____
 and _____, do solemnly swear that I assisted John A. Rockfellow
Rockfellow, United States Mineral Surveyor, in marking the corners and surveying
 the boundaries of the mining claim of Paul B. Karunkers
 known as the Mystery, Last Chance Run of the Hill and Hill Top
 represented in the foregoing field notes as having been surveyed by said mineral surveyor and under his
 direction; and that said survey has been in all respects, to the best of our knowledge and belief, faithfully
 and correctly executed, and the corner and boundary monuments established according to law and the instruc-
 tions furnished by the United States Surveyor-General for Arizona
L. D. Mars _____, Chainman.
 _____, Chainman.
 _____, Axman.
 _____, Flagman.

Subscribed and sworn to by the above-named persons before me this 28
 day of June, 1910

Samuel L. Rockfellow
Notary Public

My Commission expires
Oct 15 1912

FINAL OATH OF U. S. MINERAL SURVEYOR.

I, John A Rockwell, U. S. Mineral Surveyor, do solemnly swear that, in pursuance of instructions received from the United States Surveyor General for Arizona, dated May 23 1910, I have, in strict conformity to the laws of the United States, the official regulations and instructions thereunder, and the instructions of said Surveyor General, faithfully and correctly executed the survey of the Mining Claim of Paul B. Harwick

Mystery Last Chance Mine of the Hill and Hill Top, known as the cochise Mining District, Coconino County, Ariz., in Section Approx., Township No. 19S, Range No. 25E unsurveyed and designated as Survey No. 2789

as represented in the foregoing field notes, which accurately show the boundaries of said mining claim as distinctly marked by monuments on the ground, and described in the attached copy of the location certificate, which was received by me from the Surveyor General with said instructions, and that all the corners of said survey have been established and perpetuated in strict accordance with the law, official regulations and instructions thereunder; and I do further solemnly swear that the foregoing are the true and original field notes of said survey and my report therein, and that the labor expended and improvements made upon said mining claim by claimant or his grantors are as therein fully stated, and that the character, extent, location, and itemized value thereof are specified therein with particularity and full detail, and that no portion of said labor or improvements so credited to this claim has been included in the estimate of expenditures upon any other claim.

John A Rockwell
U. S. Mineral Surveyor.

Subscribed and sworn to by the said John A Rockwell
U. S. Mineral Surveyor, before me Samuel L Rockwell
this 28 day of June, 1910

Samuel L Rockwell
Notary Public

My Commission expires
Oct 15 1912

LOCATION NOTICE

MAR. 10. 1910
18

NOTICE IS HEREBY GIVEN that the undersigned, in compliance with the requirements of the Mining Act of Congress, approved May 10, 1872, have this day located and claim (1500) fifteen hundred linear feet along the course of this lead, lode or vein of mineral-bearing quartz, and 300 feet in width on each side of the middle of said lead, lode or vein, situate in the Turquoise Mining District, County of Cochise, Territory of, Arizona, and more particularly described as follows, to-wit:

COMMENCING at this monument of stones, being the center of the Easterly end of claim, and upon which this notice is posted; thence Northerly 300 feet to a monument of stones; thence Westerly 1500 feet to a monument of stones, thence Southerly 300 feet to a monument of stones; being the center of the Westerly end of claim; thence Southerly 300 feet to a monument of stones; thence Easterly 1500 feet to a monument of stones; thence Northerly 300 feet to place of beginning.

THIS CLAIM is in said Turquoise Mining District, about twelve hundred feet Northerly from the Silver Bill Mine; and the Southerly side line adjoins in part the Last Chance Mine. It also lies along the Northerly base of the ridge of mountains on the Southerly side of which lie the Silver Bill and Defiance mines. The distance from the Silver Bill Mine may be more or less than twelve hundred feet.

and shall be known as the Mystery mine.

Located January 1st 1890

Patrick McMahon

John McMahon

William Herring.

Filed and recorded at request of Wm. Herring January 10th A.D. 1890
at 3 P. M. in Book 12 Records of Mines, at Page 124.

TERRITORY OF ARIZONA)

)ss.

County of Cochise) I, C. A. McDonald, County Recorder in and for
said County, DO HEREBY CERTIFY that I have compared the annexed and
foregoing copy with the original Location Notice of the M Y S T E R Y
Mining claim, filed for record in my office on the 10th day of January
A. D. 1890, and recorded in Book 12, Records of Mines, at Page 124,
and that the same is a full, true and correct copy of said original
and of the whole thereof.

Given under my Hand and Seal of Office, this the 7th day of
March, A. D. 1910

C. A. McDonald
County Recorder

AMENDED

Notice of Mining Location

MAY 21 1910
20

LODE CLAIM

To All Whom It May Concern:

This Mining Claim, the name of which is the Last Chance 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 John M. Collins

a citizen of the United States
(Locator must insert either "a citizen of the United States," or "who has declared his intention to become a citizen of the United States.")

~~the United States~~ on the 1st day of January ~~190~~ ¹⁸⁸²

The length of this claim is 1040 feet, and 9 claim 368 feet,

in a West-north-westerly direction and 672 feet in an East-southeasterly direction from the center of the discovery cut 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 East South east to the West north west

The claim is situated and located in the Jourguoise Mining District, in Cochise County, in the Territory of Arizona, about 1/2 mile in a South easterly direction from U.S. Mineral Monument No 1, 91 adjoins the Whoop Up lode Survey 2383 and the Bull Run lode survey 2743 and lies between said lodes.

The surface boundaries of the claim are marked upon the ground as follows: Beginning at a post in a mound of stone

at a point in a West north westerly direction 368 feet from the discovery cut shaft (at which this notice is posted), being in the center of the West end line of said claim; thence Approximately N 40° E 303.5 feet to a post in a mound of stone, being the N. W corner of said claim; thence East South easterly 1061 feet to a mound of stone, being at the NE corner of said claim; thence Approximately S 4° W 233.6 feet to a post in monument of stone at the center of the East end of said claim; thence South westerly 1432 feet to a post in mound of stone, being at the SE corner of said claim; thence Westerly 822.5 feet to a post in mound of stone at the S. W corner of said claim; thence Approximately N 11 1/2° W 268.6 feet to the place of beginning. 33.5 into 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 Last Chance Mining Claim, located by John M. Collins on the 1st day of January ~~190~~ ¹⁸⁸², and recorded in Book 3 of Records of Mines, at page 234, in the office of the County Recorder of the aforesaid County of Cochise 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 14 day of May ~~190~~ ¹⁹¹⁰

Witness
L. D. Moore

P. B. Tarnet
present owner

TERRITORY OF ARIZONA,

County of **COCHISE** ss. *Ramond*

I,, County Recorder in and for the County and

Territory aforesaid, do hereby certify that the within instrument was filed for record at 10:40 o'clock, A. M.,

on this MAY 16 1910 day of 1910, and duly recorded in Book No. 46

of MINING Records of COCHISE County, Arizona, at pages 295

WITNESS my hand and official seal the day and year first above written.

Ramond

County Recorder.

COMPARED

2418

AMENDED

Notice of Location.

LODE CLAIM.

Dated 1910

Filed and Recorded at request of

Paul B. Warner

MAY 16 1910

A. D. 1910

at 10:40 A. M.

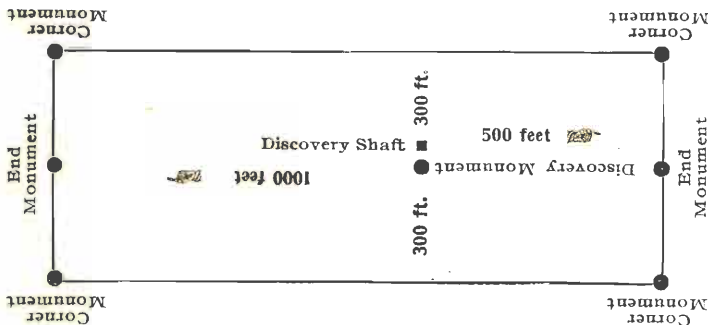
Book 46 Page 295

Ramond

County Recorder.

By *Cashugh* Deputy Recorder.

The H. H. McNeil Co., Printers, Phoenix



This diagram is to give locator a general idea of plan of location under the new law. The Discovery Shaft can be in the center of claim or any distance from either end desired. In the diagram it is placed 500 feet from one end and 1000 feet from the other. Commence description of claim at a center end monument, giving its distance and direction from center of Discovery Shaft; thence bound the claim in either direction. In description be careful to state locality of claim with reference to some natural object, or permanent monument, as will identify the claim.

Ed. Mail & Survey. Secord

MAY 21 1910

AMENDED

22

Notice of Mining Location

LODE CLAIM

To All Whom It May Concern:

This Mining Claim, the name of which is the Queen of the Hill 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 J. M. Collins and E. Blucher

Citizens of the U. S.
(Locator must insert either "a citizen of the United States," or, "who has declared his intention to become a citizen of the United States.")

the undersigned, on the 29 day of May ~~1901~~ 1880

The length of this claim is 1160 feet, and 1 claim ~~150~~ 188 feet,

in a northerly direction and 972 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 Maricopa Mining District, in Cochise County, in the Territory of Arizona, about 3/4 mile

in a South-easterly direction from U.S. Mineral Monument

No 1 & 3 The angle corner on the west side of the claim is identical with cor No. 3. (the NE. Cor.) of Top Edge Survey No 1903

The surface boundaries of the claim are marked upon the ground as follows: Beginning at

A post in a mound of stone

at a point in a northerly direction 188 feet from the discovery shaft (at which this notice is posted); being in the center of the North

end line of said claim; thence N 86° 21' E 192.4 feet to a post in a mound of stone, being the NE corner of said claim; thence

S. S. Easterly 1138 feet to a post in mound of stone, being at the SE corner of said claim; thence Westerly 241.5 feet

to a post in a mound of stone at the center of the South end of said claim; thence Some Course 241 feet to a post in mound of stone being at the

S. W. corner of said claim; thence N 13° 21' W 346 feet to a post in mound of stone at the Angle corner of said claim;

thence northerly 766.0 feet to the place of beginning thence East North Easterly 207 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 Queen of the Hill Mining Claim, located by J. M. Collins and E. Blucher

on the 29 day of May ~~1901~~ 1880, and recorded in Book 4-transcribed Records of Mines, at page 494, in the office of the County Recorder of the aforesaid County of Cochise

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 14 day of May ~~1901~~ 1910

Witness
L. D. Mars

P. B. Marrett
owner

TERRITORY OF ARIZONA,
County of **COCHISE** ss.

I, Ramondal, County Recorder in and for the County and

Territory aforesaid, do hereby certify that the within instrument was filed for record at 10:40 o'clock, 9 A.M.,

on this MAY 16 1910 day of 1910, and duly recorded in Book No. 46

of MINING Records of COCHISE County, Arizona, at pages 294

WITNESS my hand and official seal the day and year first above written.

Ramondal
County Recorder.

2789
Queen of Heaven COMPARED
B 2417

AMENDED
Notice of Location.
LODE CLAIM.

Dated 1910

Filed and Recorded at request of

Paul B. Wankers

MAY 16 1910

A. D. 1910

at 10:40 A. M.

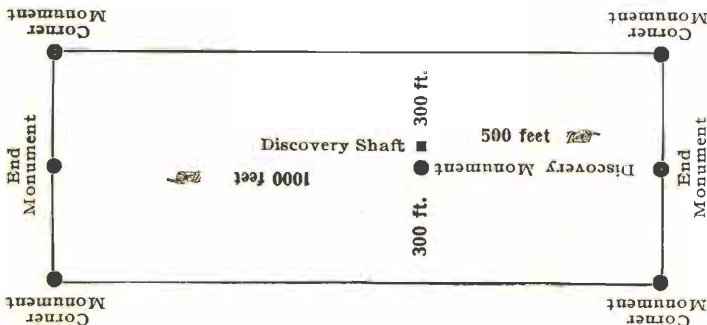
Book 46 Record of Mines

Pages 294

Ramondal
County Recorder.

By Ed Hughes
Deputy Recorder.

The H. H. McNeil Co., Printers, Phoenix



This diagram is to give locator a general idea of plan of location under the new law. The Discovery Shaft can be in the center of claim or any distance from either end desired. In the diagram it is placed 500 feet from one end and 1000 feet from the other. Commence description of claim at a center end monument, giving its distance and direction from center of Discovery Shaft; thence bound the claim in either direction. In description be careful to state locality of claim with reference to some natural object, or permanent monument, as will identify the claim.

Ed Hughes
Deputy Recorder

22B
MAY 23 1910

AMENDED

Notice of Mining Location

LODE CLAIM

To All Whom It May Concern:

This Mining Claim, the name of which is the Hill Top
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 Pat McMahon and John McMahon
Citizens of the United States

(Locator must insert either "a citizen of the United States," or, "who has declared his intention to become a citizen of the United States.")
the undersigned, on the 1st day of January 1890

The length of this claim is 850 feet,
and 3 claim 250 feet,
in a Northerly direction and 600
feet in a Southerly direction from
the center of the discovery ~~shaft~~ ^{cut}, 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 Tourquoise Mining District, in
Cochise County, in the Territory of Arizona, about $\frac{3}{4}$ of a mile
in a Southeasterly direction from U.S. Mineral Monument
No. 1. It adjoins a portion of the east side of the
Whoop Up Survey, No. 22834 and a portion of the
North end of the Tip Top lode Survey No. 1903,

The surface boundaries of the claim are marked upon the ground as follows: Beginning at
a post in a mound of stone

at a point in a Northerly direction 250 feet from
the discovery ~~shaft~~ ^{cut} (at which this notice is posted), being in the center of the North
end line of said claim; thence Easterly 300 feet to a post in mound
of stone, being the N. E. corner of said claim; thence
Southerly 845 feet to a post in a mound of stone, being at the
S. E. corner of said claim; thence Westerly 165 feet
to a post in a mound of stone at the center of the South end of said claim;
thence Same Course 165 feet to a post in a mound of stone, being at the
S. W. corner of said claim; thence N. N. Westerly 880
feet to a post in a mound of stone 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 Hill Top
Mining Claim, located by Pat McMahon and John McMahon
on the 1st day of
January 1890, and recorded in Book 12 of Records of Mines, at
page 123, in the office of the County Recorder of the aforesaid County of Cochise
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 19 day of May 1910

Witness L. D. Mars P. B. Warner
Present Owner

U. S. SURVEYOR-GENERAL'S FINAL CERTIFICATE ON FIELD NOTES.

Department of the Interior,

OFFICE OF U. S. SURVEYOR-GENERAL,

Phoenix, Arizona.

September 1, 1910., 190.

I, U. S. Surveyor-General for District of Arizona

do hereby certify that the foregoing transcript of the Field Notes, return and approval of the survey of the mining claim of Paul B. Warnekros

known as the Mystery, Last Chance, Queen of the Hill and Hill Top situate in Turquoise

Mining District, Cochise County, Arizona

in Section Approx., Township No. 19 S., Range No. 25 E. Unsur., and

designated as Survey No. 2789, has been correctly copied from the originals on file in

this office; that said Field Notes furnish such an accurate description of said mining claim as will, if incorporated into a patent, serve fully to identify the premises, and that such reference is made therein to natural objects or permanent monuments as will perpetuate and fix the locus thereof.

And I further certify that five hundred dollars' worth of labor has been expended or improved each of upon said mining claim by claimant or his grantors, and that said improvements consist of 11 shafts, 15 tunnels, 14 cuts and 1 winze, total value \$10392.00

and that no portion of said labor or improvements has been included in the estimate of expenditures upon any other claim.

I further certify that the plat thereof, filed in the U. S. Land Office at Phoenix Arizona is correct and in conformity with the foregoing Field Notes.

Frank S. Ingalls,

United States Surveyor-General for Arizona.

4-687.

SURVEYOR-GENERAL'S CERTIFICATE OF APPROVAL OF FIELD
NOTES AND SURVEY OF MINING CLAIM.

Department of the Interior,

Office of U. S. Surveyor-General,

Phoenix, Arizona.

September 1, 1910, 190

I, U. S. Surveyor-General for District of Arizona.

do hereby certify that the foregoing and hereto attached Field Notes and Return of the Survey of the
Mining Claim of Paul B. Warnekros

....., known as the
Mystery, Last Chance, Queen of the Hill and Hill Top

situate in Turquoise Mining District,
Cochise County, Arizona

in Section Approx., Township No. 19 S., Range No. 25 E. Unsur.
....., designated as Survey No. 2789

executed by John A. Rockfellow, U. S. ~~Deputy~~ Mineral

Surveyor, June 2-18, 1910., 190...., under my instructions dated

May 23, 1910., 190...., have been critically examined and the necessary cor-

rections and explanations made, and the said Field Notes and Return, and the Survey they describe,

are hereby approved. A true copy of the copy of the location certificate filed by the applicant for

survey is included in the field notes.

Frank S. Ingalls

U. S. Surveyor-General for Arizona.