

Platted
4-683

FEB 25 1917

MAR 21 1917

MINERAL SURVEY No. 3349

LOT No.

ARIZONA Land District.

FIELD NOTES

OF THE SURVEY OF THE MINING CLAIM OF

George Miller

KNOWN AS THE

BUCKEYE, KEYNOTE, JOHN McCULLOUGH, MCKENZIE, KEYNOTE FRACTION,
MASCOTT, LITTLE HORSE, McCULLOUGH FRACTION, HARDY, GRACE JR.
Lodes

San Francisco Mining District,

Mohave County, Arizona.

Section 4 & 5, Township 19 N., Range 20 W., unsp'd.

Surveyed under instructions dated October 12, 1916.

by Herman G. Zulch,
U. S. Mineral Surveyor.

Claim located See location notices, 19

Survey commenced October 20, 1916.

Survey completed December 20, 1916.

Address of claimant Lewis T. Carpenter, Atty
Phoenix, Arizona.

DATES OF AMENDED LOCATIONS.

FEB 23 1917

MAR 21 1917

Feet.	MINERAL SURVEY NO. 3349, Buckeye Lode.
	Beginning at Cor. No. 1, a redwood post, 4 ft. long 4 ins. square, with nail at exact cor., set 18 ins. in the ground, in mound of earth and stone, scribed B 1-3349.
	U.S.L.M. No. 2670 bears S83°-14'W 1297.25 ft.
	Thence S75°-37'E
268.44	Intersect line 3-4 and 1-2 Mascott and Keynote lodes of this survey at S0°-42'W 112.35 ft. from Cor. No's 4-1.
286.58	To S. end center, A redwood post 4 ft. long, 4 ins. square, with nail at exact point, set 18 ins. in the ground in mound of earth and stone, scribed 3349.
586.58	TO Cor. No. 2, A redwood post, 4 ft. long, 4 ins. square, with nail at exact cor., set 18 ins. in the ground in mound of earth and stone, scribed B 2-3349.
	Thence N20°-30'E
110.00	Wagon road, course Northerly and Southerly.
255.20	Cor. No. 1 Grace Jr. lode of this survey, also intersect line 4-1 Keynote lode of this survey at N83°-08'E 399.00 ft. from cor. No. 1.
270.20	Wagon road, course Northwesterly and Southeasterly.
336.20	W. end center Grace Jr. lode of this survey.
659.96	Cor. No. 2 Grace Jr. lode of this survey, also intersect line 4-1 Sur. No. 3294 Golden Eagle lode at S55°-40'-30"E 788.06 ft. from Cor. No. 1
824.23	Intersect Westerly side line Free Ore No. 1 lode, unsurveyed at N27°-09'W 548.24 ft. from the S.W. Cor.
935.00	To Cor. No. 3, A redwood post, 4 ft. long, 4 ins. square, with nail at exact Cor., set 18 ins. in the ground, in mound of earth and stone, scribed B 3-3349.

Feet.	The S.W. Cor. Free Ore No. 1 lode, unsurveyed, bears S20°-15'-30"E 620.60 ft.
	Thence N75°-37'W
99.48	Intersect Westerly side line Free Ore No. 1 lode, unsurveyed, at N27°-09'W 682.07 ft. from the S.W. Cor.
300.00	To N. end center, A redwood post, 4 ft. long, 4 ins. square, with nail at exact point, set 18 ins. in the ground, in mound of earth and stone, scribed 3349.
586.58	To Cor. No. 4, A redwood post, 4 ft. long, 4 ins. square, with nail at exact cor., set 18 ins. in the ground, in mound of earth and stone, scribed B 4-3349. Cor. No. 1 Sur. No. 3294 Golden Eagle lode bears N77°-04'-30"W 183.60 ft.
	Thence S20°-30'W
41.01	Intersect line 3-4 McCullough Fraction lode of this survey at N3°-44'E 283.44 ft. from Cor. No. 4.
50.00	Wagon road, Course Northwesterly and Southeasterly.
68.99	Intersect line 4-1 Sur. No. 3294 Golden Eagle lode at S55°-40'-30"E 187.43 ft. from Cor. No. 1.
337.09	Intersect line 4-1 and 2-3 McCullough Fraction and John McCullough lodes at N86°-14'W 85.36 ft. from Cor. No's 4-3.
869.49	Intersect line 4-5 and 4-1 John McCullough and Mascott lodes of this survey at N86°-14'W 238.97 ft. from Cor. No's 4-4.
935.00	To Cor. No. 1, the place of beginning.

JOHN McCULLOUGH LODE.

Beginning at Cor. No. 1,

A redwood post, 4 ft. long, 4 ins. square, with nail at exact cor., set 18 ins. in the ground, in mound of earth and stone, scribed J McC 1-3349.

On line 4-1 Sur. No. 2670 Jack Pot lode.

Feet. U.S.L.M. No. 2670 bears S87°40'W 354.80 ft.

Thence N3°44'E

215.24 W. end center,
A redwood post, 4 ins. square, 4 ft. long, with nail at exact point, set 18 ins. in the ground, in mound of earth and stone, scribed 3349.

515.24 To Cor. No. 2,
Identical with Cor. No. 1 McCullough Fraction lode of this survey.
A redwood post, 4 ft. long, 4 ins. square, with nail at exact cor., set 18 ins. in the ground, in mound of earth and stone, scribed J McC 2-3349 for this claim.

Thence S86°14'E

1249.97 Intersect line 4-1 Buckeye lode of this survey at N20°30'E 597.91 ft. from Cor. No. 1.

1335.33 To Cor. No. 3,
Identical with Cor. No. 4 McCullough Fraction lode, of this survey.
A redwood post, 4 ft. long, 4 ins. square, with nail at exact cor., set 18 ins. in the ground, in mound of earth and stone, scribed J McC 3-3349 for this claim.

Thence S3°44'W

300.00 To E. end center,
A redwood post 4 ft. long, 4 ins. square, with nail at exact point, set 18 ins. in the ground, in mound of earth and stone, scribed 3349.

509.85 To Cor. No. 4,
Identical with Cor. No's 4-1 Mascott and Keynote lodes of this survey.
A redwood post, 4 ft. long, 4 ins. square, with nail at exact cor., set 18 ins. in the ground in mound of earth and stone scribed, J McC 4-3349 for this claim.

Cor. No. 1 Buckeye lode of this survey bears S80°05'-30W 265.36 ft.

Feet.	Thence $N86^{\circ}14'W$
238.97	Intersect line 4-1 Buckeye lode of this survey at $N20^{\circ}30'E$ 65.51 ft. from Cor. No. 1.
1231.39	To Cor. No. 5, Identical with Cor. No's 1-1 Sur. No. 2670 Jack Pot lode and Mascott lode of this survey. A rock about 8×14 ins., 18 ins. above the ground, with cross at exact corner, chiseled J P 1-2670 to which I add J McC 5-3349 for this claim.
	Thence $N89^{\circ}12'W$
104.08	To Cor. No. 1, the place of beginning.
	KEYNOTE LODGE.
	Beginning at Cor. No. 1, Identical with Cor. No's 4-4 John McCullough and Mascott lodes of this survey. A redwood post, previously described, to which I add K 1-3349 for this claim.
	Cor. No. 1 Buckeye lode of this survey bears $S80^{\circ}05'30"W$ 265.36 ft. U.S.L.M. No. 2670 bears $S82^{\circ}42'W$ 1562.28 ft.
	Thence $S0^{\circ}42'W$
112.35	Intersect line 1-2 Buckeye lode of this survey at $N75^{\circ}37'W$ 318.14 ft. from Cor. No. 2.
200.00	W. end center, Identical with the E. end center of the Mascott lode of this survey. A redwood post, 4-ft. long, 4 ins. square, with nail at exact point, set 18 ins. in the ground in mound of earth and stone, scribed 3349 for this claim.
478.62	Intersect line 4-1 Little Horse lode of this survey at $S88^{\circ}56'W$ 485.61 ft. from Cor. No. 4.
600.00	To Cor. No. 2, Identical with Cor. No. 3 Mascott lode of this survey.

Feet.	A redwood post, 4 ft. long, 4 ins. square, with nail at exact Cor., set 18 ins. in the ground in mound of earth and stone, scribed K 2-3349 for this claim.
	Thence N83°09'E
494.50	To Cor. No. 1 Keynote Fraction lode of this survey, also intersect line 3-4 Little Horse lode of this survey at S2°-10'E 71.40 ft. from Cor. No. 4.
670.00	Wagon road, course Northwesterly and Southeasterly.
1107.01	Intersect Westerly side line Jumper lode, unsurveyed, at S23°-04'E 619.37 ft. from the N.W. Cor.
1233.14	To Cor. No. 3,
	Identical with Cor. No. 4 Keynote Fraction lode of this survey.
	A redwood post, 4 ft. long, 4 ins. square, with nail at exact cor., set 18 ins. in the ground, in mound of earth and stone, scribed K 3-3349 for this claim.
	Thence N0°-42'E
300.00	E. end center,
	A redwood post, 4 ft. long, 4 ins. square, with nail at exact point, set 18 ins. in the ground in mound of earth and stone, scribed 3349.
600.00	To Cor. No. 4,
	On North end line Jumper and South end line Free Ore No. 1, unsurveyed lodes.
	A redwood post, 4 ft. long, 4 ins. square, with nail at exact cor. set 18 ins. in the ground in mound of earth and stone, scribed K 4-3349.
	Thence S63°-09'W
53.41	S. end center Free Ore No. 1 lode, unsurveyed.
123.82	N. end center Jumper lode, unsurveyed.
171.44	Cor. No. 4 Grace Jr lode of this survey.
377.96	S.W. Cor. Free Ore No. 1 and N.W. Cor. Jumper, unsurveyed lodes.
825.00	Wagon road, course Northwesterly and Southeasterly.

Feet.

834.14 Cor. No. 1 Grace Jr lode of this survey, also intersect line 2-3 Buckeye lode of this survey at N20°30'E 255.20 ft. from Cor. No. 2.

885.00 Wagon road, course Northerly and Southerly.

1233.14 To Cor. No. 1, the place of beginning.

MASCOTT LODE.

Beginning at Cor. No. 1

Identical with Cor. No's 1-5 Sur. No. 2670 Jack Pot lode and John McCullough lode of this survey.

A rock previously described to which I add M 1-3349. U.S.L.M. No. 2670 bears S48°58'W 425.50 ft.

Thence S0°42'W

300.00 To W. end center,
~~Identical with the E. end center Sur. No. 2670 Jack Pot lode.~~

A redwood post, 4 ft. long, 4 ins. square, with nail at exact point, set 18 ins. in the ground, in mound of earth and stone scribed 3349.

600.00 To Cor. No. 2,
 A redwood post, 4 ft. long, 4 ins. square, with nail at exact Cor, set 18 ins. in the ground, in mound of earth and stone scribed M.2-3349.

Thence S86°14'E

193.64 Intersect line 4-1 McKenzie lode of this survey at S79°01'W 196.71 ft. from Cor. No. 1.

390.15 Intersect line 1-2 and 1-2 McKenzie and Little Horse lodes of this survey at S3°10'E 50.46 ft. from Cor. No's 1-1.

1231.39 To Cor. No. 3,
 Identical with Cor. No. 2 Keynote lode of this survey.
 A redwood post, previously described, to which I add M 3-3349.

Thence N0°42'E

Feet.

121.38 Intersect line 4-1 Little Horse lode of this survey at
 N88°-56'E 842.85 ft. from Cor. No. 1.

200.00 To E. end center,
 Identical with the W. end center Keynote lode of this
 survey.

A redwood post, previously described to which I add
 3349.

487.65 Intersect line 1-2 Buckeye lode of this survey at S75°-37'E
 268.44 ft. from Cor. No. 1.

600.00 To Cor. No. 4,
 Identical with Cor. No's 4-1 John McCullough and Keynote
 lodes of this survey.

A redwood post previously described, to which I add
 M 4-3349.

Cor. No. 1 Buckeye lode of this survey bears S90°-05'-30"W
 265.36 ft.

Thence N86°-14'W

238.97 Intersect line 4-1 Buckeye lode of this survey at N20°-30'E
 65.51 ft. from Cor. No. 1.

1231.39 To Cor. No. 1, the place of beginning.

LITTLE HORSE LODGE.

Beginning at Cor. No. 1,
 Identical with Cor. No. 1 McKenzie lode of this survey.

A redwood post, 4 ft. long, 4 ins. square, with nail
 at exact cor., set 18 ins. in the ground in mound of
 earth and stone, scribed L H 1-3349 for this claim.

Cor. No. 4 ~~Sar. No. 2670 Jack Pat lode and Mascott~~
 lode of this survey bears S86°-20'W 387.12 ft.

U.S.L.M. No. 2670 bears N67°-05'-20"W 759.82 ft.

Thence S3°-10'E

50.46 Intersect line 2-3 Mascott lode of this survey at N86°
 14'W 841.24 ft. from Cor. No. 3.

247.00 W. end center,

	Feet. On line 1-2 McKenzie lode of this survey.
	A redwood post, 4 ft. long, 4 ins. square, with nail at exact point, set 18 ins. in the ground, in mound of earth and stone scribed 3349.
300.00	E. end center McKenzie lode of this survey,
467.85	Intersect line 4-1 Hardy lode of this survey at $S85^{\circ}42'W$ 1216.71 ft. from Cor. No. 4.
547.00	To Cor. No. 2,
	On line 1-2 McKenzie lode of this survey.
	A redwood post, 4 ft. long, 4 ins. square, with nail at exact cor., set 18 ins. in the ground in mound of earth and stone scribed L H 2-3349.
	Thence $N88^{\circ}56'E$
1210.50	Intersect line 1-2 and 3-4, Sur. No. 3338 Cactus lode and Hardy lode of this survey at $S0^{\circ}32'E$ 147.66 ft. from Cor. No's 1-4.
1329.46	To Cor. No. 3,
	A redwood post 4 ft. long, 4 ins square, with nail at exact cor., set 18 ins. in the ground in mound of earth and stone, scribed L H 3-3349.
	Cor. No's 1-4 Sur. No. 3338 Cactus lode and Hardy lode of this survey bears $N29^{\circ}36'W$ 188.76 ft.
	Thence $N3^{\circ}10'W$
167.92	Cor. No. 2 Keynote Fraction lode of this survey, also intersect line 4-1 Sur. No. 3338 Cactus lode at $N78^{\circ}41'E$ 113.25 ft. from Cor. No. 1.
262.00	W. end center Keynote Fraction lode of this survey.
300.00	E. end center,
	On line 1-2 Keynote Fraction lode of this survey.
	A redwood post, 4 ft. long, 4 ins. square, with nail at exact point, set 18 ins. in the ground in mound of earth and stone, scribed 3349.
475.60	Cor. No. 1 Keynote Fraction lode of this survey, also intersect line 2-3 Keynote lode of this survey at $N83^{\circ}08'E$ 494.50 ft. from Cor. No. 2.
547.00	To Cor. No. 4,

Feet. A redwood post, 4 ft. long, 4 ins. square, with nail at exact cor., set 18 ins. in the ground, in mound of earth and stone, scribed L H 4-3349.

Cor. No's 2-3 Keynote and Mascott lodes of this survey bears S75°-00'-30"W 504.17 ft.

Thence S88°-56'W

485.61 Intersect line 1-2 and 3-4 Keynote and Mascott lodes of this survey at N0°-42'E 121.38 ft. from Cor. No's 2-3.

1329.46 To Cor. No. 1, the place of beginning.

McKENZIE LODGE.

Beginning at Cor. No. 1,
 Identical with Cor. No. 1, Little Horse lode of this survey.

A redwood post, previously described, to which I add McK 1-3349.

Cor. No. 2, ~~Cor. No. 2670 Jack Pot lode and Mascott lode~~ of this survey bears S86°-20'W 387.12 ft.
 U.S.L.M. No. 2670 bears N67°-05'-20"W 759.82 ft.

Thence S3°-10'E

50.46 Intersect line 2-3 Mascott lode of this survey at S86°-14'E 390.15 ft. from Cor. No. 2.

247.00 W. end center, Little Horse lode of this survey.

300.00 E. end center,
 On line 1-2 Little Horse lode of this survey.

A redwood post 4 ft. long, 4 ins. square, with nail at exact point, set 18 ins. in the ground, in mound of earth and stone, scribed 3349.

467.85 Intersect line 4-1 Hardy lode of this survey at N85°-42'E 282.64 ft. from Cor. No. 1.

547.00 Cor. No. 2 Little Horse lode of this survey.

600.00 To Cor. No. 2,

A redwood post, 4 ft. long, 4 ins. square, with nail at exact cor., set 18 ins. in the ground, in mound of earth and stone, scribed McK 2-3349.

	Thence S79°-01'W
293.05	Intersect line 1-2 Hardy lode of this survey at S0°-32'E 166.38 ft. from Cor. No. 1
1450.00	To Cor. No. 3, A redwood post 4 ft. long, 4 ins. square, with nail at exact cor., set 18 ins. in the ground, in mound of earth and stone, scribed McK 3-3349.
	Thence N3°-10'W
276.15	Witness Cor. for W. end center, A redwood post, 4 ft. long, 4 ins. square, with nail at exact point, set 18 ins. in the ground in mound of earth and stone, scribed W C 3349.
300.00	W. end center, An inaccessible point on a cliff.
600.00	To Cor. No. 4, A redwood post, 4 ft. long, 4 ins. square, with nail at exact cor., set 18 ins. in the ground, in mound of earth and stone, scribed McK 4-3349.
	Thence N79°-01'E
1253.29	Intersect line 2-3 Mascott lode of this survey at S86°- 14'E 193.64 ft. from Cor. No. 2.
1450.00	To Cor. No. 1, the place of beginning.
	KEYNOTE FRACTION LODE
	Beginning at Cor. No. 1,
	On lines 2-3 and 3-4, Keynote and Little Horse lodes of this survey, S3°-10'E 71.40 ft. from Cor. No. 4 Little Horse lode.
	A redwood post, 4 ft. long, 4 ins. square, with nail at exact cor., set 18 ins. in the ground, in mound of earth and stone, scribed K F 1-3349.
	U.S.L.M. No. 2670 bears N90°-26'-30"W 2061.66 ft.

11.

Feet. The N.W. Cor of the location bears $N3^{\circ}-10'W$ 71.40 ft.

Thence $S3^{\circ}-10'E$

175.60 E. end center Little Horse lode of this survey.

213.60 W. end center,

On line 3-4 Little Horse lode of this survey.

A redwood post, 4 ft. long, 4 ins. square, with nail at exact point, set 18 ins. in the ground, in mound of earth and stone, scribed 3349.

307.68 To Cor. No. 2,

On lines 4-1 and 3-4 Sur. No. 3338 Cactus lode and Little Horse lode of this survey, $N3^{\circ}-10'W$ 167.92 ft. from Cor. No. 3 Little Horse lode.

A redwood post, 4 ft. long, 4 ins. square, with nail at exact cor., set 18 ins. in the ground, in mound of earth and stone, scribed K F 2-3349.

The S.W. Cor of the location bears $S3^{\circ}-10'E$ 167.92 ft.

Thence $N78^{\circ}-41'E$

251.00 Wagon road, course Northwesterly and Southeasterly.

707.81 Intersect Westerly side line Jumper lode, unsurveyed, at $S23^{\circ}-04'E$ 881.94 ft. from the N.W. Cor.

744.70 To Cor. No. 3,

On line 4-1 Sur. No. 3338 Cactus lode.

A redwood post, 4 ft. long, 4 ins. square, with nail at exact cor., set 18 ins. in the ground, in mound of earth and stone, scribed K F 3-3349.

The S.E. Cor. of the location bears $N81^{\circ}-45'E$ 1500 ft. from the S.W. Cor. of the location.

Thence $N3^{\circ}-10'W$

53.04 To E. end center,

A redwood post, 4 ft. long, 4 ins. square, with nail at exact point, set 18 ins. in the ground, in mound of earth and stone, scribed 3349.

The E. end center of the location bears $N 81^{\circ} 45'E$ 760.08 ft.

Feet.	
249.80	To Cor. No. 4, Identical with Cor. No. 3 Keynote lode of this survey. A redwood post, previously described, to which I add K F 4-3349. N.W. Cor. Jumper and S.W. Cor. Free Ore No. 1, unsurveyed lodes, bears N33°-33'W 665.67 ft. The N.E. Cor. of the location bears N81°-45'E 1500 ft. from the N.W. Cor. of the location. Thence S83°-08'W 126.12 Intersect Westerly side line Jumper lode, unsurveyed, at S23°-04'E 619.37 ft. from the N.W. Cor. 563.14 Wagon road, course Northwesterly and Southeasterly. 738.64 To Cor. No. 1, the place of beginning.

HARDY LODE.

	Beginning at Cor. No. 1 A redwood post, 4 ft. long, 4 ins. square, with nail at exact cor., set 18 ins. in the ground, in mound of earth and stone, scribed H 1-3349. Cor. No. 2 McKenzie lode of this survey bears S69°-05'E 309.63 ft. U.S.L.M. No. 2670 bears N29°-29'-50"W 901.52 ft. Thence S0°-32'E 157.80 To W. end center, A redwood post, 4 ft. long, 4 ins. square, with nail at exact point, set 18 ins. in the ground in mound of earth and stone scribed 2349. 166.38 Intersect line 2-3 McKenzie lode of this survey at S79°- 01'W 293.05 ft. from Cor. No. 2 200.00 To Cor. No. 2, Identical with Cor. No's 1-1 Sur. No. 3338 Neglected No. 2 and Neglected No. 3 lodes.
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Feet.	<p>A tubular iron post, 3 ins. in diameter, 2½ ft. above ground, with cross at exact cor., a soft steel cap stamped N No 2 1-3338, N No 3 1-3338 to which I add H-2-3349.</p>
	<p>Thence N85°42'E</p>
1499.35	<p>To Cor. No. 3, Identical with Cor. No. 4 and W. end center of Sur. No. 3338 Neglected No. 2 and Cactus lodes respectively.</p>
	<p>A tubular iron post, 3 ins. in diameter, 2½ ft. above ground, with cross at exact cor., a soft steel cap stamped N No 2 4-3338, 3338 to which I add H 3-3349.</p>
	<p>The W. ¼ Cor. of Sec. 4; T.19N; R.20W, bears S76°54'-30"W 409.08 ft.</p>
	<p>Thence N0°-22'W</p>
142.20	<p>To E. end center, On line 1-2 Sur. No. 3338 Cactus lode.</p>
	<p>A redwood post, 4 ft. long, 4 ins. square, with nail at exact point, set 18 ins. in the ground, in mound of earth and stone, scribed 3349.</p>
152.34	<p>Intersect line 2-3 Little Horse lode of this survey at N88°56'E 1210.50 ft. from Cor. No. 2</p>
300.00	<p>To Cor. No. 4, Identical with Cor. No. 1 Sur. No. 3338 Cactus lode.</p>
	<p>A tubular iron post, 3 ins. in diameter, 2½ ft. above ground, with cross at exact cor., a soft steel cap stamped C 1-3338 to which I add H-4-3349.</p>
	<p>Cor. No. 3 Little Horse lode of this survey bears S39°36'E 188.76 ft.</p>
	<p>Thence S85°42'W</p>
1216.71	<p>Intersect line 1-2 and 1-2, Little Horse and McKenzie lodes of this survey at N3°10'W 79.15 ft. and 132.15 ft. from Cor. No's 2-2 respectively.</p>
1499.35	<p>To Cor. No. 1, the place of beginning.</p>

Feet.

McCULLOUGH FRACTION LODGE.

Beginning at Cor. No. 1,
Identical with Cor. No. 2 John McCullough lode of this
survey.

A redwood post, previously described, to which I add,
McC F 1-3349.

U.S.L.M. No. 2670 bears $S17^{\circ}29'W$ 833.50 ft.

Thence $N3^{\circ}44'E$

180.00 To W. end center,

A redwood post, 4 ft. long, 4 ins. square, with nail
at exact point, set 18 ins. in the ground, in mound of
earth and stone, scribed 3349.

413.11 Intersect line 4-1 Sur. No. 3294 Spanish Treasure lode
at $N83^{\circ}13'W$ 1287.56 ft. from Cor. No. 4.

420.00 To Cor. No. 2,

A redwood post, 4 ft. long, 4 ins. square, with nail
at exact cor., set 18 ins. in the ground, in mound of
earth and stone, scribed McC F 2-3349.

Cor. No. 4 Sur. No. 3294 Spanish Treasure lode bears
 $S82^{\circ}54'-20"E$ 1287.95 ft.

Thence $S86^{\circ}14'E$

1190.66 Intersect line 1-2 Sur. No. 3294 Golden Eagle lode at
 $N23^{\circ}41'E$ 72.40 ft. from Cor. No. 1

1280.00 Wagon road, course Northwesterly and Southeasterly.

1289.72 Intersect line 3-4 Sur. No. 3294 Spanish Treasure lode at
 $N6^{\circ}47'E$ 74.74 ft. from Cor. No. 4.

1335.33 To Cor. No. 3

A redwood post, 4 ft. long, 4 ins. square, with
nail at exact cor., set 18 ins. in the ground, in mound
of earth and stone, scribed McC F 3-3349.

The N.W. Cor. of Sec. 4; T.19N; R.20W, bears $N8^{\circ}17'W$
450.32 ft.

Cor. No. 1 Sur. No. 3294 Golden Eagle lode bears $S71^{\circ}52'W$
182.51 ft.

	Thence $S5^{\circ}44'W$
136.56	Intersect line 4-1 Buckeye lode of this survey at $S20^{\circ}30'W$ 41.01 ft. from Cor. No. 4.
155.00	Wagon road, course Northwesterly and Southeasterly.
168.11	Intersect line 4-1 Sur. No. 3294 Golden Eagle lode at $S55^{\circ}40'-30"E$ 196.76 ft. from Cor. No. 1.
240.00	To E. end center, A redwood post, 4 ft. long, 4 ins. square, with nail at exact pt., set 18 ins. in the ground, in mound of earth and stone, scribed 3349.
420.00	To Cor. No. 4, Identical with Cor. No. 3 John McCullough lode of this survey. A redwood post, previously described, to which I add McC F 4-3349. Cor. No. 4 Buckeye lode of this survey bears $N5^{\circ}50'E$ 322.92 ft.
	Thence $N86^{\circ}14'W$
85.36	Intersect line 4-1 Buckeye lode of this survey at $S20^{\circ}30'W$ 338.09 ft. from Cor. No. 4.
1335.33	To Cor. No. 1, the place of beginning.
	GRACE JR LODE.
	Beginning at Cor. No. 1 On lines 4-1 and 2-3 Keynote and Buckeye lodes of this survey, $N20^{\circ}30'E$ 255.20 ft. from Cor. No. 2 Buckeye lode. A redwood post, 4 ft. long, 4 ins. square, with nail at exact cor., set 18 ins. in the ground, in mound of earth and stone, scribed G J 1-3349. U.S.L.M. No. 2670 bears $S82^{\circ}47'-40"W$ 1961.24 ft.
	Thence $N20^{\circ}30'E$
15.00	Wagon road, course Northwesterly and Southeasterly.
81.00	To W. end center,

Feet. On line 2-3 Buckeye lode of this survey.

A redwood post, 4 ft. long, 4 ins. square, with nail at exact point, set 18 ins. in the ground, in mound of earth and stone, scribed 3349.

404.76 To Cor. No. 2,

On lines 2-3 and 4-1 Buckeye lode of this survey and Sur. No. 3294 Golden Eagle lode, $N55^{\circ}40' - 30''W$ 444.10 ft. from Cor. No. 4 Sur. No. 3294 Golden Eagle lode.

A redwood post, 4 ft. long, 4 ins. square, with nail at exact cor., set 18 ins. in the ground, in mound of earth and stone, scribed G.J. 2-3349.

Thence $N83^{\circ}08'E$

137.34 Intersect Westerly side line Free Ore No. 1 lode, unsurveyed at $N27^{\circ}09'W$ 383.23 ft. from the S.W. Cor.

506.81 Intersect line 3-4 Sur. No. 3294 Golden Eagle lode at $N23^{\circ}41'E$ 339.61 ft. from Cor. No. 4.

662.70 To Cor. No. 3,

A redwood post, 4 ft. long, 4 ins. square with nail at exact cor., set 18 ins. in the ground in mound of earth and stone, scribed G.J. 3-3349.

The N.E. Cor of the location bears $N83^{\circ}08'E$ 171.44 ft.

Thence $S20^{\circ}30'W$

323.76 To E. end center,

A redwood post, 4 ft. long, 4 ins. square, with nail at exact point, set 18 ins. in the ground, in mound of earth and stone, scribed 3349.

The E. end center of the location bears $N83^{\circ}08'E$ 171.44 ft.

404.76 To Cor. No. 4

On South end line Free Ore No. 1 and North end line Jumper, unsurveyed lodes also on line 4-1 Keynote lode of this survey.

A redwood post, 4 ft. long, 4 ins. square, with nail at exact cor., set 18 ins. in the ground, in mound of earth and stone, scribed G.J. 4-3349.

Feet. The S.E. Cor of the location bears N 83°-08'E 171.44 ft.
 Thence S83°-08'W
 206.52 S.W. Cor. Free Ore No. 1 and N.W. Cor Jumper, unsurveyed
 lodes.
 653.56 Wagon road, course Northwesterly and Southeasterly.
 662.70 To Cor. No. 1, the place of beginning.

Variation at all corners 14°-30' East.

LODE LINES.

As near as can be determined from present develop-
 ments the veins of the several locations, embraced in this
 claim, extend as follows from their respective discovery
 points.

Buckeye 826 ft. N20°-30'E & 109 ft. S20°-30'W
 John McCullough 1090.33 ft N86°-14W & 245 ft. S86°-14'E
 Keynote 1218.14 ft. N83°-08'E & 15 ft. S83°-08'W
 Mascott 1221.39 ft. N86°-14'W & 10 ft. S86°-14'E
 Little Horse 1129.46 ft. N88°-56'E & 200 ft. S88°-56'W
 McKenzie 850.00 ft. N79°-01'E & 600 ft. S79°-01'W
 Keynote Fraction 669.92 ft. N81°-45'E & 70 ft. S81°-45'W
 Hardy 1099.35 ft. S85°-42'W & 400 ft. N85°-42'E
 McCullough Fraction 1235.33 ft. N86°-14W & 100 ft. S86°-14'E
 Grace Jr. 375 ft S83°-08'W and 287.70 ft. N83°-08E.

AREAS

Acres

Total area Buckeye lode	12.519 ✓
Area in conflict with:	
Free Ore No. 1 lode, unsur.	.114 ✓
Tract "A", hereinafter described	.989 ✓
Tract "A" (Exclusive of its conflict with Free Ore No. 1 lode unsur.)	.875 ✓
Sur. No. 3294 Golden Eagle lode	2.303 ✓
Sur. No. 3294 Golden Eagle lode,	

(exclusive of its conflict with Free Ore No. 1 lode unsur.)-----	2.189 ✓
Sur. No. 3294 Golden Eagle lode, (Exclusive of its conflict with Tract "A")-----	1.314 ✓
Total Area John McCullough lode-----	15.636 ✓
Area in conflict with:	
Buckeye lode of this survey ----	1.898 ✓
Total Area Keynote lode-----	16.837 ✓
Area in conflict with:	
Buckeye lode of this survey-----	1.437 ✓
Tract "B", hereinafter described	1.170 ✓
Jumper lode, unsur.-----	3.442 ✓
Jumper lode, unsur.,(exclusive of its conflict with Tract "B")-----	2.272 ✓
Total area Mascott lode-----	16.937 ✓
Area in conflict with:	
Buckeye lode of this survey-----	.508 ✓
Total area Little Horse lode-----	16.683 ✓
Area in conflict with:	
Mascott lode of this survey-----	1.659 ✓
Sur. No. 3338 Cactus lode-----	.418 ✓
Keynote lode of this survey-----	1.081 ✓
Total area McKenzie lode-----	19.787 ✓
Area in conflict with Mascott lode--	.113 ✓
Total area Keynote Fraction lode-----	4.717 ✓
Area in conflict with:	
Jumper lode, unsur.-----	.469 ✓

Acres.

Total area Hardy lode-----	10.304
Area in conflict with:	
Little Horse lode of this survey-----	3.157 ✓
McKenzie lode of this survey-----	.979 ✓
Total area McCullough Fraction Lode-----	12.875 ✓
Area in conflict with:	
Sur. No. 3294 Golden Eagle lode-----	.440 ✓
Buckeye lode of this survey-----	.278 ✓
Buckeye lode of this survey, (Exclusive of its conflict with Sur. No. 3294 Golden Eagle lode)-----	.275 ✓
Sur. No. 3294 Spanish Treasure lode--	1.207 ✓
Sur. No. 3294 Spanish Treasure lode, (Exclusive of its conflict with, Sur. No. 3294 Golden Eagle lode)-----	1.027 ✓
Total area Grace Jr lode-----	5.469 ✓
Area in conflict with:	
Sur. No. 3294 Golden Eagle lode-----	1.701 ✓
Free Ore No. 1 lode, unsur.-----	3.020 ✓
Free Ore No. 1 lode, unsur., exclu- sive of its conflict with Sur. No. 3294 Golden Eagle lode)-----	1.599 ✓

TRACT "A"

Beginning at Cor. No. 4 Buckeye lode of this survey, Thence S75°-37'E 586.58 ft. to Cor. No. 3 Buckeye lode of this survey, Thence S20°-30'W 147.76 ft. to point, Thence N61°-11'W 589.44 ft. to the place of beginning.
Containing .989 Acres.

TRACT "B"

Beginning at Cor. No. 4 Keynote lode of this survey, Thence S83°-08'W 171.44 ft. to Cor. No. 4 Grace Jr lode of this survey, Thence S15°-42'E 601.91 ft. to Cor.

No. 3 Keynote lode of this survey, Thence NO-42'E 600 ft. to the place of beginning. Containing 1.170 Acres.

The survey of each lode of this location is identical with the respective location or amended location as staked upon the ground, with the exception of the ties given herein.

LOCATION.

This survey is located in unapproved surveyed land in Sec's 4 and 5; T.19N; R.20W; G. & S.R. B. & M., San Francisco Mining District, Mohave County, Arizona.

ADJOINING AND CONFLICTING CLAIMS.

Sur. No. 3294 Spanish Treasure and Golden Eagle lodes, Gaddis & Perry Co., claimant, and Free Ore No. 1 lode, unsurveyed, on the North.

Free Ore No. 1 and Jumper, unsurveyed lodes on the East, Claimant unknown.

Sur. No. 3338 Cactus and Neglected No. 2 lodes on the South; Tom Reed Gold Mines Company, claimant.

Sur. No. 2670 Jack Pot lode on the West, Claimant Unknown.

EXPENDITURE OF FIVE HUNDRED DOLLARS.

I certify that the value of the labor and improvements made upon, or for the benefit of each of the locations embraced in this survey by the claimant or its grantors is not less than five hundred dollars and that said improvements consist of:

Buckeye.

No. 1, the discovery shaft of the Buckeye lode, 4x7 ft.

60 ft. deep, the center of shaft is on the lode line

109 ft. from the S. end center. Value \$900.00

No. 2 Cut and shaft, the center of shaft, 3x7ft. 8 ft. deep, bears N29°-25'E 291 ft. from Cor. No. 1. ~~No. 1. ~~John Madalough lode~~~~, from the W. end of shaft a cut 3 ft. wide runs N86°W 10 ft. to 7 ft. face.

Value of shaft and cut \$90.00

No. 3, Cut and shaft. The center of the mouth of cut, 4 ft. wide, and easterly end of shaft bears N38°-40'E 167 ft. from Cor. No. 1. ~~John Madalough lode~~, shaft 3x6ft. 10 ft. deep, cut runs S80°W 20 ft. to 15 ft. face.

Value of shaft and cut \$160.00

No. 4, 346⁰ ft. of adit in old tunnel, The portal of tunnel bears N59°-05'E 534 ft. from Cor. No. 1, thence an adit 5x6½ ft. runs S38°-58'W 145 ft. to Sta. 1, Thence S38°-58'W 20 ft. to Sta. 2, Thence S38°-58'W 315 ft. to Sta. 3, The claimant extended the adit, 5x6 ft., from Sta. 3 S50°-45'W 66 ft. to Sta. 4, Thence S34°-15'W 57 ft. to breast. From Sta. 1, the adit was extended, 5 ft. wide 6 ft. high, S3°W 53 ft. to Sta. 5, thence S39°W 100 ft. to breast. From Sta. 2, the adit, 5x6 ft. was extended West 29 ft. to Sta. 6, Thence S60°W 41 ft. to br'st.

Value of new adit----- \$3460.00

No. 5, 450 ft. of adit in old tunnel, The portal of tunnel bears S27°-01'E 66 ft. from Cor. No. 1 Keynote lode. Thence an adit, 5x6 ft. running S17°-01'W 81 ft. to Sta. 1, Thence S39°-02'W 129 ft. to Sta. 2.

The claimant extended the adit, 5x6 ft. from Sta. 2 South 94 ft. to breast and S75°-10'W 70 ft. to Sta. 3 Thence N81°W 76 ft. to Sta. 4, Thence N47°-02'W 44 ft. to Sta. 5, Thence West 25 ft. to breast. From Sta. 1 the adit, 5x6 ft. was extended S6°-02'E 20 ft. to Sta. 6

Thence N78°-35'E 25 ft to breast Connecting with raise in IMPROVEMENT NO. 3 KEYNOTE Lode. and S14°-10'W 96 ft. to breast.

Value of new adit----- \$4500.00

This is included in common improvement, hereafter described

1/10 interest in common improvement hereafter described \$1161.00

JOHN McCULLOUGH.

No. 1, the discovery cut of the John McCullough lode, 5 ft. wide, the center of the mouth of cut is on the lode line 245 ft. from the E. end center, runs thence N88° W 15 ft. to 8 ft. face Value \$30.00

No. 2, shaft, 4x6 ft. 8 ft. deep, the center of shaft bears N83° E 42 ft. from the W. End center. Value \$80.00

No. 3, shaft, 4x6 ft. 8 ft. deep, the center of shaft bears S80°-45'E 128 ft. from Cor. No. 2 Value \$80.00

Here after described
1/10 interest in common improvement----- \$1161.00

KEYNOTE.

No. 1, the discovery cut of the Keynote lode, 5 ft. wide 8 ft. face, the center of the face is intersected by the lode line 15 ft. from the W. end center and runs N83° E 16 ft. to mouth, Value \$32.00

No. 2, Cut and tunnel, The center of the mouth of cut, 4 ft. wide, bears S89°-40'E 95 ft. from the W. end center and runs West 30 ft. to 10 ft. face, from face a tunnel 4x6 ft. runs West 10 ft. to breast. Value \$160.00

No. 3, 703 ft. of adit in old tunnel, The portal of tunnel bears S41°-30'E 417 ft. from Cor. No. 1, From portal an adit 5 ft. wide 5 1/2 ft. high extends N81°-05'W 171 ft. to Sta. 1, thence N67°-20'W 96 ft. to Sta. 2, thence S56°-20'W 36 ft. to breast and N67°-20'W 54 ft. to Sta. 3. From Sta. 2 North 36 ft. to Sta. 4, Thence N52°-25'E 51 ft. to Sta. 5

Thence N72°E 24 ft. to Sta. 6, Thence N3°E 43 ft. to breast. From Sta. 3 N64°-10'W 93 ft. to breast and N84°-01'W 63 ft. to Sta. 7, thence S14°-55'W 47 ft. to breast and N84°-01'W 58 ft. to Sta. 8, Thence S25°-57'W 40 ft. to breast.

The claimant continued above adit as follows: From breast of drift, which extends S25°-57'W 40 ft. from Sta. 8, a winze 4½x8ft. 16 ft. deep. From Sta. 8 an adit, 5x6½ ft. running S80°-15'W 54 ft. to Sta. 9, Thence S29°-15'W 160 ft. to breast and N66°-40'W 294 ft. to Sta. 10, Thence S82°-45'W 31 ft. to Sta. 11, Thence S10°W 23 ft. to South breast, and S82°-45'W 15 ft. to West breast, and N21°W 14 ft. to North breast. From Sta. 6, an adit 5x6½ ft. was extended, running East 47 ft. to breast and West 20 ft. to breast, from breast a raise 4x7ft. 33 ft. high, Connecting with IMPROVEMENT No. 5 BUCKEYE lode.

Value of new adit \$7110.00

This is included in common improvement, hereafter described

1/10 interest in common improvement, hereafter described

\$1161.00

Mascott.

No. 1, the discovery cut of the Mascott lode, 5 ft. wide 10 ft. face, the center of the face is intersected by the lode line 10 ft. from the E. end center, running N72°E 16 ft. to mouth. Value \$40.00

No. 2, 72 ft. of adit in old tunnel, The portal of tunnel bears S62°-15'W 490 ft. from Cor. No. 4, Thence an adit 4½x6ft. runs N69°W 13 ft. to Sta. 1, Thence S73°-25'W 67 ft. to Sta. 2, Thence N76°-58'W 60 ft. to Sta. 3, From Sta. 3 claimant extended the adit 4½x6ft. S83°W 72 ft. to breast. Value of new adit----- \$720.00

No. 3, 266 ft. of shaft and 268 ft. of adit. The center of the shaft, 4x7ft, is on the lode line 455 ft. from

the W. end center, Thence $N5^{\circ}07'E$ 266 ft. on a pitch of 78 degrees to bottom of shaft, From bottom of shaft an adit $5 \times 6\frac{1}{2}$ ft. extends $N46^{\circ}55'E$ 110 ft., Thence $N89^{\circ}50'E$ 158 ft. to breast.

Value of shaft and adit----- \$9320.00

No. 4, shaft, 4×5 ft. 16 ft. deep, the center of shaft bears $S83^{\circ}55'E$ 575 ft. from the W. end center.

Value \$240.00

1/10 interest in common improvement, hereafter described

\$1161.00

Little Horse.

No. 1, the discovery, tunnel of the little Horse lode, the breast 4 ft. wide 6 ft. high is intersected by the lode line, 200 ft. from the W. end center running thence $N65^{\circ}E$ 9 ft. to portal.

Value \$90.00

No. 2, 25 ft. of shaft, 5 ft. of tunnel, The center of shaft, 5×7 ft. 25 ft. deep bears $S65^{\circ}37'E$ 448 ft. from Cor. No. 1. ~~Massett lode of this survey.~~ The westerly end of shaft is the portal of a tunnel, 3 ft. wide, 6 ft. high, running $S80^{\circ}W$ 5 ft. to face,

Value \$575.00

1/10 interest in common improvement, hereafter described

\$1161.00

McKenzie.

No. 1, The discovery, a rock monument, diameter of base 4 ft. and 4 ft. high, on the outcrop of the vein.

No. 2, the discovery work, of the McKenzie lode, 176 $\frac{1}{2}$ ft. of out and adit; The center of mouth of out, 4 ft. wide, bears $S78^{\circ}50'E$ 618 ft. from Cor. No. 4, running thence $S11^{\circ}47'E$

25 ft. to 12 ft. face, Thence an adit 4½x6 ft. runs
 S11-47'E 26½ ft. to Sta. 1, thence S71° E 75 ft. to breast
 and S59-13'W 20 ft. to Sta. 2, thence S79° W 30 ft. to
 breast. Value \$1575.00

No. 3, Cut, the center of the 10 ft. face, 4 ft. wide is
 on the lode line, 805 ft. from the E. End Center, runs
 N83° W 30 ft. to mouth. Value \$60.00

No. 4, Trench, The center of the East end, 4 ft. wide,
 5 ft. deep, bears S80° W 850 ft. from the E. End Center.
 Value \$80.00

1/10 interest in common improvement, hereafter described \$1161.00

Keynote Fraction.

No. 1, the discovery shaft of the Keynote Fraction lode
 4x7 ft. 8 ft. deep, The center of shaft is on the lode
 line 70 ft. from the W. End Center. Value \$80.00

1/10 interest in common improvement, hereafter described \$1161.00

Hardy.

No. 1, the discovery cut of the Hardy lode, the 9 ft.
 face, 4 ft. wide is intersected by the lode line 400 ft.
 from the E. End Center, running S12° E 15 ft. to mouth.
 Value \$27.00

1/10 interest in common improvement, hereafter described \$1161.00

McCullough Fraction.

No. 1, the discovery cut of the McCullough Fraction lode
 the 9 ft. face, 5 ft. wide, is intersected by the lode
 line 100 ft. from the E. End Center, running S86° E 12 ft.
 to mouth. Value \$27.00

No. 2, Cut and tunnel, the center of the mouth of the cut
 4 ft. wide bears S82° W 63 ft. from the E. End Center,
 running S61° W 19 ft. to 12 ft. face, thence a tunnel,
 4x6 ft. runs S61° W 8 ft. to breast. Value \$125.00

1/10 interest in common improvement, hereafter described \$1161.00

Grace Jr.

No. 1, the discovery shaft of the Grace Jr. lode, 4x6 ft. 8 ft. deep, the center of the shaft is on the lode line 375 ft. from the W. End Center.

Value \$80.00

No. 2, Cut, the center of mouth of cut, 4 ft. wide, bears N45 E 90 ft. from the W. End Center, running S15 E 15 ft. to 10 ft. face.

Value \$30.00

1/10 interest in common improvement, hereafter described \$1161.00

Common Improvement.

Improvement No. 5 Buckeye lode and improvement No. 3 Keynote lode, valued at \$11610.00 are a common improvement.

The nature of the topography is such that by crosscutting and drifting from this common improvement toward and under each of the claims of this group, with the exception of the Grace Jr. lode, considerable depth is obtained. A cross cut started from the present bottom of the 16 ft. winze (Improvement No. 3 Keynote lode), would go under the road a few feet and gain a depth of about 30 ft. in the Grace Jr. lode.

The claimant has decided on the winze as the most feasible place to sink to depth and as soon as financed will sink to five hundred feet and then by crosscutting and drifting toward and under each of these claims to develop and mine them.

Work performed since November 5th, 1915.

Subsequent to the location of the Keynote Fraction, Hardy, McCullough Fraction and Grace Jr lodes, the following improvements, more fully described herein, valued at \$2560, was made in the common improvement, above described, with the idea of developing the intricate vein system, to determine the most feasible place to develop the entire group of claims, by a centrally located shaft.

Improvement No. 5 Buckeye lode, The adit was extended from Sta. 6 N78°35'E 25 ft. to breast and S14°10'W 96 ft. to breast.

Value \$1210.00

Improvement No. 3 Keynote lode, From Sta. 6 the adit was extended East 43 ft. to breast and West 20 ft. to breast, from breast a raise 33 ft. high.

Value \$960.00

Improvement No. 3 Keynote lode, 16 ft. of winze at breast of drift, which bears S25°57'W 40 ft. from Sta. 8,

Value \$240.00

Improvement No. 3 Keynote lode, 15 ft. of adit which bears S82°45'W from Sta. 11.

Value \$150.00

By reason of the above work, the Hardy, McCullough Fraction, Keynote Fraction and Grace Jr lodes are entitled to a share of the common improvement in its entirety. The value of the improvement, is therefore distributed equally to the ten claims in this group, and a one tenth, undivided interest or \$1161.00 of the total value of \$11,610.00 is properly accredited to each lode of this group.

OTHER IMPROVEMENTS.

The following improvements were all made prior to the year 1885, no known claimant.

The adits described herein under improvements No's 4 and 5 Buckeye lode, Improvement No. 3 Keynote lode

Improvement No. 2 Mascott lode, Claimant unknown.
 Tunnel, the portal of which bears N31°-15'E 120 ft. from
 Cor. No.1 Keynote lode, 4x6 ft, running West 98 ft to face

Claimant unknown.

Tunnel, The portal of which bears N24° E 95 ft. from Cor.
 No. 1 Keynote lode, running West, 4x6 ft. 60 ft to face.

Claimant unknown.

Cut and Tunnel, The center of mouth of cut, 4 ft. wide
 from Cor. No.1 Keynote lode,
 bears N10°-20'E 75 ft., running West 23 ft. to face, thence
 a tunnel 4x6 ft. running West 15 ft. to breast.

Claimant unknown.

Cut and Tunnel. The center of mouth of cut, 5 ft. wide
 bears N39° W 390.00 ft. from Cor. No. 3 Mascott lode,
 running N55° W 16 ft. to 12 ft. face, thence a tunnel
 4x6 ft. running N55° W 16 ft. to breast.

Claimant unknown.

Cut, The center of 10 ft. face, 5 ft. wide bears N59°-48W
 44 ft. from Cor. No. 3 Mascott lode, running N60° E to
 mouth.

Claimant unknown.

Shaft, timbered, 3x8ft. 50 ft. deep, the center of shaft
 bears East 30 ft. from Cor. No. 2 Buckeye lode.

Claimant unknown.

Shaft. 4x6ft. 130 ft. deep on a pitch of 70 degrees
 N26°E. The center of shaft bears S86°-40'W 190 ft. from
 E. end center Mascott lode,

Claimant unknown.

Shaft. 4x6 ft. 56 ft. deep, The center of shaft bears
 S84°-30'E 565 ft. from the W. end center Mascott lode

Claimant unknown

Shaft, 4x7 ft. 60 ft. deep, The center of shaft bears S86°E 630 ft. from W. End Center Mascott lode.

Claimant unknown.

Cut and tunnel, The center of mouth of cut, 6 ft. wide bears N13°50'E 87 ft. from W. End Center Mascott lode, running S80°E 15 ft. to 12 ft. face, thence a tunnel 5x6 ft runs S80°E 90 ft. to face.

Claimant unknown.

Cut, The face of cut 4 ft. wide 12 ft. high is identical with portal of tunnel described under improvement No. 1 Little Horse lode, running thence N65°E 52 ft. to mouth.

Claimant unknown.

Cut, The center of mouth of which bears S78°30'E 172 ft. from W. End Center John McCullough lode, 4 ft. wide running S85°E 12 ft. to 10 ft. face.

Claimant unknown.

INSTRUMENT AND DETERMINATION OF MERIDIAN.

This survey was made with an Ainsworth Engineers transit, The courses were deflected from the true meridian as determined by direct solar observations.

The distances were measured with 100 ft. and 500 ft. steel tapes.

REPORT.

The side and end lines of the claims in this survey and all tie lines, ^{UNLESS SHOWN BY TRAVERSE} were run direct upon the ground.

The N.W. Cor. of Sec. 4; T.19 N; R.20 W, unapp'd to which tie is given, consists of a two inch black iron pipe with brass cap, stamped T 20 N R 20 W S 32 S 33 T 19 N S 4 S 5.

The 1/4 Cor. common to Sec's 4 and 5; T.19 N; R.20 W, unapproved to which tie is given consists of a one inch black iron pipe with brass cap, stamped 1/4 Cor Sec 5 Sec 4.

Ties to the above section and quarter section corners as given herein were rechecked and found correct.

U.S.L.M. No. 2670 to which tie is given consists of a stone about 9x15 ins. 2 ft. above the ground, in mound of rock, with X chiseled on top and USLM on sides.

I find line 1-2 Sur. No. 2670 Jack Pot lode is $SO^{\circ}-45'W$ instead of $SO^{\circ}-48'W$ as reported.

The location certificate of the Hardy lode is in error regarding the character of the discovery work.

The location certificate of the Keynote Fraction lode is in error regarding the course of the lode and side lines.

All corners and end centers of the Free Ore No. 1 and Jumper unsurveyed lodes, are redwood posts properly marked.

All corners of Sur. No. 3294 Spanish Treasure and Golden Eagle lodes are redwood posts, properly set and scribed.

All corners of Sur. No. 3338 Neglected No. 3 Neglected No. 2 and Cactus lodes are tubular iron posts 3 ins. in diameter properly set and stamped.

Cor. No. 4 Sur. 2670 Jack Pot lode consists of a rock about 5x10 ins., properly set and chiseled.

The disagreement between these notes and notices of location and amended location is due to error in the latter.

Oatman, Arizona.

Herman C. Zuehl

February 16, 1917. U.S. Mineral Surveyor.

FEB 23 1917

MAR 21 1917

FINAL OATHS FOR SURVEYS.

LIST OF NAMES.

A list of the names of the individuals employed by Herman C. Zulch

United States ~~Deputy~~ 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

George Miller

known as the Buckeye, Keynote, John McCullough, McKenzie, Keynote Fraction, Mascott, Little Horse, McCullough Fraction, Hardy, Grace Jr., Lodes.

and showing the respective capacities in which they acted.

- A. F. Carper , Chainman.
- , Chainman.
- , Azman.
- , Flagman.

FINAL OATHS OF ASSISTANTS.

~~XXV~~ I, A. F. Carper.....

and....., do solemnly swear that ~~we~~^I assisted.....

Herman C. Zulch....., United States ~~Deputy~~ Mineral Surveyor, in marking the corners and surveying the boundaries of the mining claim of

George Miller

known as the Buckeye, Keynote, John McCullough, McKenzie, Keynote Fraction, Mascott, Little Horse, McCullough Fraction, Hardy, Grace Jr., Lodes.

represented in the foregoing field notes as having been surveyed by said ~~deputy~~ mineral surveyor and under his direction; and that said survey has been in all respects, to the best of ~~our~~^{my} knowledge and belief, faithfully and correctly executed, and the corner and boundary monuments established according to law and the instructions furnished by the United States Surveyor-General for Arizona.....

- A. F. Carper....., Chainman.
-, Chainman.
-, Azman.
-, Flagman.

Subscribed and sworn to by the above-named persons before me this 16th

day of February, 19 17.

Garold Sheffield
Notary Public

FINAL OATH OF U. S. ~~DEPUTY~~ MINERAL SURVEYOR

I, Herman C. Zulch, U. S. ~~Deputy~~ Mineral Surveyor, do solemnly swear that, in pursuance of instructions received from the United States Surveyor General for Arizona, dated October 12, 1916, 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 George Miller, known as the Buckeye, Keynote, John McCullough, McKenzie, Keynote Fraction, Mascott, Little Horse, McCullough Fraction, Hardy, Grace Jr. lodes, situate in San Francisco Mining District, Mohave County, Arizona, in Section S 4 & 5, Township No. 19 N., Range No. 30 W., unapproved, and designated as Survey No. 3749, 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.

Herman C. Zulch
U. S. ~~Deputy~~ Mineral Surveyor.

Subscribed and sworn to by the said Herman C. Zulch
U. S. ~~Deputy~~ Mineral Surveyor, before me Gadok Sheffield, a
Notary Public this 16th
day of February 1917,

Gadok Sheffield
Notary Public

Amended Location Certificate

KNOW ALL MEN BY THESE PRESENTS: That George Miller

the undersigned citizen... of the United States, over the age of twenty-one years, having complied with all the requirements of the laws of the United States and the State of Arizona, relating to mining claims, and with the local laws, customs, rules and regulations of ... San Francisco Mining District, hereby make and file this amended location of the BUCKEYE Lode, claiming by right of discovery, location, primal appropriation and possession ... 935 feet, linear and horizontal measurement, on this vein or lode of quartz, or other rock in place, bearing Gold and other valuable minerals, with all dips, variations and angles, the same being ... 109 feet along the ledge in a S. 20° 30' W. direction from the discovery shaft and .826 feet along the ledge in a ... N. 20° 30' E. direction therefrom, together with .300 feet in width on each side of the middle of said ledge, and all veins, lodes, ledges, mineral deposits, mineral and surface ground within the lines of said claim.

Situate in ... San Francisco Mining District, County of Mohave, State of Arizona, in Sec.'s 4 & 5: T. 19 N; R. 20 W and more particularly described as follows, to-wit: Beginning at Cor. No. 1, Whence the N.W. Cor. of Sec. 4 T. 19 N; R. 20 W. bears N 7° 21' W 548.65 ft. Thence S. 75° 37' E. 286.58 ft. to S. End Center, 586.58 ft. to S.E. Cor. No. 2; Thence N. 20° 30' E. 935.00 ft. the N.E. Cor. No. 3; Thence N. 75° 37' W. 300.00 ft. to N. End Center 586.58 ft. to N.W. Cor. No. 4 Thence S. 20° 30' W. 935.00 ft. to S.W. Cor. No. 1, The place of beginning. All corners and End Centers consist of 4 X 4 ins. posts properly set and marked.

THIS AMENDED LOCATION is made in conformity with the original location, made January 26 1885., recorded ... March 24 1885., in Book .. I., Pages 186-187 of Quartz Locations, in the office of the Recorder of said county, and it is made for the purpose of appropriating all ground within the boundaries hereinbefore described, and of more definitely describing the situation and boundaries of said lode, correcting any irregularities, informalities or errors, supplying omissions and correcting any defects which may have existed in the original location, or the record thereof, hereby waiving no rights acquired under and by virtue of said original location. And if the original location or the certificate thereof is void, then this location shall be an original location and this certificate an original certificate.

Date of Original Discovery January 26, A. D. 1885..

Date of Amended Location September 1 A. D. 1916..

Attest: George Miller

Recorded at the request of Lewis T. Carpenter at minutes past 9 o'clock A. M., October 7th, 1916, in Book P.P. of Mining Claims, Page 754-755, Records of Mohave County, Arizona.

..... J.W. Morgan

County Recorder.

By J.T. Morgan Deputy.

Amended Location Certificate

KNOW ALL MEN BY THESE PRESENTS: ThatGeorge Miller.....

the undersigned citizen... of the United States, over the age of twenty-one years, having complied with all the requirements of the laws of the United States and the State of Arizona, relating to mining claims, and with the local laws, customs, rules and regulations of San Francisco Mining District, hereby make and file this amended location of the KEYNOTE Lode, claiming by right of discovery, location, primal appropriation and possession 1232.13 feet, linear and horizontal measurement, on this vein or lode of quartz, or other rock in place, bearing Gold and other valuable minerals, with all dips, variations and angles, the same being 1217.13 feet along the ledge in a N. 82° 57' E direction from the discovery ~~stake~~ ^{cut} and 15 feet along the ledge in a S. 82° 57' W direction therefrom, together with 300 feet in width on each side of the middle of said ledge, and all veins, lodes, ledges, mineral deposits, mineral and surface ground within the lines of said claim.

Situate in San Francisco Mining District, County of Mohave, State of Arizona, in Sec. 4; T. 19 N; R. 20 W. and more particularly described as follows, to-wit: Beginning at Cor. No. 1, the N.W. Cor. Identical with the N.E. Cor. No. 4, Mascott lode. Thence S. 0° 42' W. 300.00 ft. to W. End Center. 600.00 ft. to S.W. Cor. No. 2; Thence N. 82° 57' E. 1232.13 ft. to S.E. Cor. No. 3; Thence N. 0° 42' E. 300.00 ft. to E. End Center. 600.00 ft. to N.E. Cor. No. 4; Thence S. 82° 57' W. 1232.13 ft. to Cor. No. 1, The place of beginning. All Corners and End Centers consist of 4x4 ins. posts properly set and marked.

THIS AMENDED LOCATION is made in conformity with the original location, made September 12, 1889, recorded October 1, 1889, in Book K, Pages 557-558 of Quartz Locations, in the office of the Recorder of said county, and it is made for the purpose of appropriating all ground within the boundaries hereinbefore described, and of more definitely describing the situation and boundaries of said lode, correcting any irregularities, informalities or errors, supplying omissions and correcting any defects which may have existed in the original location, or the record thereof, hereby waiving no rights acquired under and by virtue of said original location. And if the original location or the certificate thereof is void, then this location shall be an original location and this certificate an original certificate.

Date of Original Discovery September 12, A. D. 1889.

Date of Amended Location September 1, A. D. 1916.

Attest: George Miller

Recorded at the request of Lewis T. Carpenter, at minutes past 9 o'clock A. M., October 7th, 1916 in Book P.P. of Mining Claims, Page 751-752 Records of Mohave County, Arizona.

..... J.W. Morgan
County Recorder.
By J.T. Morgan
Deputy

Amended Location Certificate

KNOW ALL MEN BY THESE PRESENTS: That George Miller.....

the undersigned citizen... of the United States, over the age of twenty-one years, having complied with all the requirements of the laws of the United States and the State of Arizona, relating to mining claims, and with the local laws, customs, rules and regulations of ..San Francisco..... Mining District, hereby make and file this amended location of the ..John McCullough..... Lode, claiming by right of discovery, location, primal appropriation and possession ..1336.69..... feet, linear and horizontal measurement, on this vein or lode of quartz, or other rock in place, bearing ..Gold..... and other valuable minerals, with all dips, variations and angles, the same being .245..... feet along the ledge in aS. 86°. 14'. E..... direction from the discovery ~~stake~~ ^{cut} and .1091.69..... feet along the ledge in a ...N. 86°. 14'. W..... direction therefrom, together with .300..... feet in width on each side of the middle of said ledge, and all veins, lodes, ledges, mineral deposits, mineral and surface ground within the lines of said claim.

Situate in ..San Francisco..... Mining District, County of Mohave, State of Arizona, in .Sec.'s 4 & 5: T. 19. N.; R. 20. W..... and more particularly described as follows, to-wit: .Beginning at Cor. No. 1, the S.W. Cor., Whence U.S.L.M. No. 2670 bears S. 37°. 40'. W. 354.80 feet Thence N. 3°. 44'. E. 215.24 ft. to W. end Center 515.24 ft. to N.W. Cor. No. 2; Thence S. 86°. 14'. E. 1336.69 ft. to N.E. Cor. No. 3; Thence S. 3°. 44'. W. 300.00 ft. to E. End Center, 510.00 ft. to S.E. Cor. No. 4; Thence N. 86°. 14'. W. 1232.61 ft. to S. Angle Cor. No. 5; Thence N. 89°. 12'. W. 104.08 ft. to Cor. No. 1. The Place of beginning. All corner and end centers consist of posts properly set and marked.

THIS AMENDED LOCATION is made in conformity with the original location, made ... March ... 6....., 1886., recorded ... March..... 17....., 1886., in Book I....., Page 6. 432-433 of Quartz Locations, in the office of the Recorder of said county, and it is made for the purpose of appropriating all ground within the boundaries hereinbefore described, and of more definitely describing the situation and boundaries of said lode, correcting any irregularities, informalities or errors, supplying omissions and correcting any defects which may have existed in the original location, or the record thereof, hereby waiving no rights acquired under and by virtue of said original location. And if the original location or the certificate thereof is void, then this location shall be an original location and this certificate an original certificate.

Date of Original Discovery ..March... 6....., A. D. 1886..

Date of Amended Location ..September... 1....., A. D. 19. 16..

Attest: George Miller.....

Recorded at the request of ..Lewis T. Carpenter....., at minutes past 9 o'clock ..A. M., October 7th, 1916, in Book ..P.P. of Mining Claims, Page 750-751, Records of Mohave County, Arizona.

..... J.W. Morgan.....
County Recorder.

By. J.T. Morgan
Deputy

Amended Location Certificate

KNOW ALL MEN BY THESE PRESENTS: ThatGeorge Miller.....

.....
the undersigned citizen... of the United States, over the age of twenty-one years, having complied with all the requirements of the laws of the United States and the State of Arizona, relating to mining claims, and with the local laws, customs, rules and regulations of San Francisco..... Mining District, hereby make and file this amended location of theMcKenzie..... Lode, claiming by right of discovery, location, primal appropriation and possession .1450..... feet, linear and horizontal measurement, on this vein or lode of quartz, or other rock in place, bearingGold..... and other valuable minerals, with all dips, variations and angles, the same being ...600..... feet along the ledge in a .S.79° W..... direction from the discovery ~~stake~~ ^{Monument} and ...850..... feet along the ledge in a ..N.79° E..... direction therefrom, together with 300..... feet in width on each side of the middle of said ledge, and all veins, lodes, ledges, mineral deposits, mineral and surface ground within the lines of said claim.

Situate in San Francisco..... Mining District, County of Mohave, State of Arizona, in Sec. 5: T.19 N: R.20 W..... and more particularly described as follows, to-wit:
Beginning at Cor. No. 1, the N.E. Cor. Whence
U.S.L.M. No. 2670 bears N. 67° 05' W. 759.71 feet
Thence S. 3° 10' E. 300 to E. End Center,
..... 600 to S.E. Cor. No. 2;
Thence S 79° W 1450 to S.W. Cor. No. 3;
Thence N. 3° 10' W. 300 to West End Center,
..... 600 to N.W. Cor. No. 4;
Thence N. 79° E. 1450 to Cor. No. 1, The place of beginning.

..... All Corner and End Centers consist of 4 X 4 ins. posts properly set and marked.....

THIS AMENDED LOCATION is made in conformity with the original location, made May 31 .., 1894, recorded ... June 4 .., 1894., in Book .. L .., Page 576....., of Quartz Locations, in the office of the Recorder of said county, and it is made for the purpose of appropriating all ground within the boundaries hereinbefore described, and of more definitely describing the situation and boundaries of said lode, correcting any irregularities, informalities or errors, supplying omissions and correcting any defects which may have existed in the original location, or the record thereof, hereby waiving no rights acquired under and by virtue of said original location. And if the original location or the certificate thereof is void, then this location shall be an original location and this certificate an original certificate.

Date of Original Discovery May 31 .., A. D. 1894...

Date of Amended Location September 1 .., A. D. 1916...

Attest: George Miller.....

Recorded at the request of ... Lewis T. Carpenter....., at minutes past 9 o'clock .. A M., October 7th, 1916, in Book .P.P. of Mining Claims, Page 755., Records of Mohave County, Arizona.

..... J.W. Morgan.....
County Recorder.
By J.T. Morgan
Deputy.

Notice of Mining Location

LODE CLAIM

OCT. 12 1915

TO ALL WHOM IT MAY CONCERN:

This Mining Claim, the name of which is the Keynote Fraction Mining Claim, situate on lands belonging to the United States of America, and in which there are valuable mineral deposits, was entered upon and located for the purpose of exploration and purchase by F. W. Crosley, J. O. A. Carper

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 6th day of September, 1915

The length of this claim is 1500 feet, and We claim 70 feet, in a Westerly direction and 1430 feet in a 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 East to the West.

The claim is situated and located in the San Francisco Mining District, in Mohave County in the State of Arizona, ~~XXXX~~

In a ~~XXXXXXXXXX~~ direction From the N W Corner U S L M No 2670 bears N 82° 26' W - 2046.77 ft.

The surface boundaries of the claim are marked upon the ground as follows: Beginning at The Westerly end Center, a 4 x 4 in Post

at a point in a N 81° 45' W direction 70 feet from the discovery shaft (at which this notice is posted), being in the center of the Westerly end line of said claim; thence N. 3° 13' W - 285 feet to a 4 x 4 in Post, being the Northwest corner of said claim; thence S 81° 45' E - 1500 feet to a 4 x 4 in Post, being at the Northeast corner of said claim; thence S 3° 13' E - 285 feet to a 4 x 4 in Post at the center of the Easterly end of said claim; thence S 3° 13' E - 262 feet to a 4 x 4 in Post being at the Southeasterly corner of said claim; thence N. 81° 45' W - 1500 feet to a 4 x 4 in Post at the Southeast corner of said claim; thence N 3° 13' W - 262 feet to the place of beginning.

Dated and posted on the grounds this 6th day of September, 1915

F. W. Crosley

J. O. A. Carper

Filed and recorded at request of J.O.A. Carper December 4th A.D. 1915 at 2 o'clock P. M., in Book M.M. at Page 145.

J. W. Morgan,
County Recorder.

STATE OF ARIZONA,

County of } ss.

I,, County Recorder in and for the County and State aforesaid, do hereby certify that the within instrument was filed for record at o'clock M., on this day of, 19....., and duly recorded in Book No. of Records of County, Arizona, at pages

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

..... County Recorder.

Notice of Location LODE CLAIM

.....

.....

.....

.....

Dated, 19.....

Filed and Recorded at request of

.....

....., A. D. 19.....

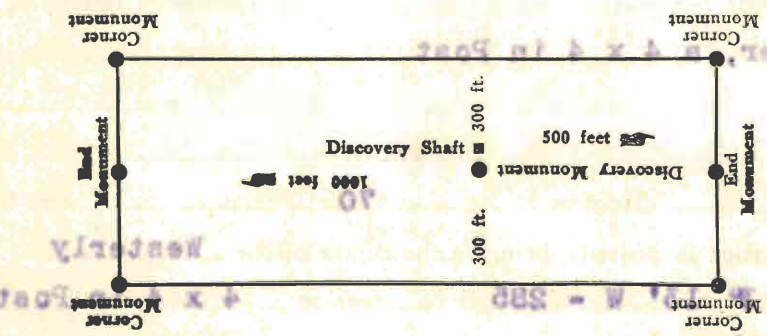
at

Book

Pages

..... County Recorder.

By Deputy Recorder.



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 and 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.

Excerpts from the Mining Laws of the State of Arizona.
 Title XLVII of the Revised Statutes of 1901, and Amendments thereto.
 Sec. 2. Such location shall be made by erecting at or contiguous to the point of discovery a conspicuous monument of stones not less than three feet in height, or an upright post, securely fixed, projecting at least four feet above the ground, in which monument of stones or on which post there shall be posted a location notice which shall be signed by the name or names of the locator or locators.

Sec. 4. From the time of the location of a mining claim, as above specified, the locator shall be allowed ninety days within which to do or cause to be done the following things:
 * * * * *
 2. To sink a discovery shaft in the claim to a depth of at least eight feet from the lowest part of the rim of the shaft at the surface, and deeper, if necessary, until there is disclosed in said shaft mineral in place.

Sec. 6. Such surface boundaries shall be marked by six substantial posts projecting at least four feet above the surface of the ground, or by substantial stone monuments at least three feet high, to-wit: One at each corner of said claim and one at the center of each end-line thereof.

Sec. 8. Location notices may be amended at any time and the monuments changed to correspond with the amended location; Provided, That no change shall be made that will interfere with the rights of others.

Amended Location Certificate

KNOW ALL MEN BY THESE PRESENTS: That George Miller.....

.....
the undersigned citizen... of the United States, over the age of twenty-one years, having complied with all the requirements of the laws of the United States and the State of Arizona, relating to mining claims, and with the local laws, customs, rules and regulations of ... San Francisco..... Mining District, hereby make and file this amended location of the ... MASCOTT..... Lode, claiming by right of discovery, location, primal appropriation and possession .. 1232.61..... feet, linear and horizontal measurement, on this vein or lode of quartz, or other rock in place, bearing Gold..... and other valuable minerals, with all dips, variations and angles, the same being .. 1222.61..... feet along the ledge in a .. N. 86° 14' W..... direction from the discovery ^{cut} ~~stake~~ and .10..... feet along the ledge in a S. 86° 14' E..... direction therefrom, together with .300..... feet in width on each side of the middle of said ledge, and all veins, lodes, ledges, mineral deposits, mineral and surface ground within the lines of said claim.

Situate in .. San Francisco..... Mining District, County of Mohave, State of Arizona, in Sec's 4 & 5: T. 19 N: R. 20 W..... and more particularly described as follows, to-wit:
..... Beginning at Cor. No. 1, the N.W. Cor. Whence.....
..... U.S.L.M. No. 2670 bears S. 48° 54' 30" W. 425.50 ft.....
..... Thence S. 0° 42' W. 300 ft. to W. Enj. Center.....
..... 600 ft. to S.W. Cor. No. 2;
..... Thence S. 86° 14' E. 1232.61 ft. to S.E. Cor. No. 3;
..... Thence N. 0° 42' E. 300 ft. to E. Enj. Center.....
..... 600 ft. to N.E. Cor. No. 4;
..... Thence N. 86° 14' W. 1232.61 ft. to Cor. No. 1. The place of beginning.....
..... All corners and Enj. Centers consist of 4 X 4 ins. posts properly
..... set and marked.....

THIS AMENDED LOCATION is made in conformity with the original location, made July... 12....., 1890., recorded ... July... 28....., 1890., in Book .. J....., Page 282....., of Quartz Locations, in the office of the Recorder of said county, and it is made for the purpose of appropriating all ground within the boundaries hereinbefore described, and of more definitely describing the situation and boundaries of said lode, correcting any irregularities, informalities or errors, supplying omissions and correcting any defects which may have existed in the original location, or the record thereof, hereby waiving no rights acquired under and by virtue of said original location. And if the original location or the certificate thereof is void, then this location shall be an original location and this certificate an original certificate.

Date of Original Discovery July... 12....., A. D. 1890.
Date of Amended Location September... 1....., A. D. 1916...

Attest: George Miller.....

Recorded at the request of Lewis E. Carpenter....., at minutes past 9 o'clock .. A M.,
October 7th, 1916,
in Book ... P.P. of Mining Claims, Page 752-753, Records of Mohave County, Arizona.

..... J.W. Morgan.....
County Recorder.
By J.T. Morgan
Deputy.

Amended Location Certificate

KNOW ALL MEN BY THESE PRESENTS: That George Miller.....

the undersigned citizen... of the United States, over the age of twenty-one years, having complied with all the requirements of the laws of the United States and the State of Arizona, relating to mining claims, and with the local laws, customs, rules and regulations of ... San Francisco Mining District, hereby make and file this amended location of the ... LITTLE HORSE..... Lode, claiming by right of discovery, location, primal appropriation and possession ... 1329.46 feet, linear and horizontal measurement, on this vein or lode of quartz, or other rock in place, bearing Gold and other valuable minerals, with all dips, variations and angles, the same being 1129.46 feet along the ledge in a .. N. 88° 56' E direction from the discovery ~~site~~ ^{Tunnel} and 200 feet along the ledge in a .. S. 88° 56' W direction therefrom, together with 300 feet in width on each side of the middle of said ledge, and all veins, lodes, ledges, mineral deposits, mineral and surface ground within the lines of said claim.

Situate in San Francisco Mining District, County of Mohave, State of Arizona, in ... Sec's 4 & 5; T. 19 N; R. 20 W and more particularly described as follows, to-wit: ... Beginning at Cor. No. 1, the N.W. Cor. Whence; U.S.L.M. No. 2670 bears N. 67° 05' W. 759.71 feet Thence S. 3° 10' E. 247 ft. to W. End Center, 547 ft. to S.W. Cor. No. 2; Thence N. 88° 56' E. 1329.46 ft. to S.E. Cor. No. 3; Thence N. 3° 10' W. 300 ft. to E. End Center, 547 ft. to N.E. Cor. No. 4; Thence S. 88° 56' W. 1329.46 ft. to Cor. No. 1, The place of beginning.

All Corners and End Centers consist of 4 X 4 ins posts properly set and marked.

THIS AMENDED LOCATION is made in conformity with the original location, made May 31....., 1894., recorded June 4....., 1894., in Book ... L....., Pages 576-577 of Quartz Locations, in the office of the Recorder of said county, and it is made for the purpose of appropriating all ground within the boundaries hereinbefore described, and of more definitely describing the situation and boundaries of said lode, correcting any irregularities, informalities or errors, supplying omissions and correcting any defects which may have existed in the original location, or the record thereof, hereby waiving no rights acquired under and by virtue of said original location. And if the original location or the certificate thereof is void, then this location shall be an original location and this certificate an original certificate.

Date of Original Discovery May 31....., A. D. 1894 ..
Date of Amended Location September 1,....., A. D. 1916 ..

Attest: George Miller.....

Recorded at the request of Lewis T. Carpenter....., at minutes past 9 o'clock .. A. M.,
October 7th, 1916,
in Book P.P. ... of Mining Claims, Page 753-754, Records of Mohave County, Arizona.

..... J.W. Morgan.....
County Recorder.

By J.T. Morgan
Deputy.

Notice of Mining Location

LODE CLAIM

TO ALL WHOM IT MAY CONCERN:

This Mining Claim, the name of which is the McCullough Fraction
 Mining Claim, situate on lands belonging to the United States of America, and in which there are
 valuable mineral deposits, was entered upon and located for the purpose of exploration and purchase
 by F. W. Crosley and J. O. A. Carper
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 6th day of September, 1915

The length of this claim is 1334.79 feet,
 and We claim 1234.79 feet,
 in a Westerly direction and 100
 feet in a cut 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
East to the West

The claim is situated and located in the San Francisco Mining District, in
Mohave County in the State of Arizona, about one quarter of a Mile
 in a Northerly direction from Neglected Mine
From the S W Corner U S L M No 2670 bears S 17° 35' W - 834.04 ft

The surface boundaries of the claim are marked upon the ground as follows: Beginning at
A Westerly end Center a 4 x 4 in Post

at a point in a N 86° 17' W direction 1234.79 feet from
 the discovery ~~shaft~~ cut (at which this notice is posted), being in the center of the Westerly
 end line of said claim; thence N 3° 43' E - 240 feet to a 4 x 4 in Post
 being the North West corner of said claim; thence
S 86° 17' E - 1334.79 feet to a 4 x 4 in Post, being at the
Northeast corner of said claim; thence S 3° 43' W - 240 feet
 to a 4 x 4 in Post at the center of the Easterly end of said claim;
 thence S 3° 43' W. - 180 feet to a 4 x 4 in Post being at the
Southeast corner of said claim; thence N. 86° 17° W - 1334.79 feet
 to a 4 x 4 in Post at the South West corner of said claim;
 thence N. 3° 43' E - 180 feet to the place of beginning.

Dated and posted on the grounds this 6th day of Sept, 1915

F. W. Crosley

J. O. A. Carper

Filed and recorded at request of J. O. A. Carper December 4th A.D.
 1915 at 2:00 o'clock P. M., in Book M.M. at Page 147.

J. W. Morgan,

County Recorder.

Notice of Mining Location

LODE CLAIM

TO ALL WHOM IT MAY CONCERN:

This Mining Claim, the name of which is the Hardy
Mining Claim, situate on lands belonging to the United States of America, and in which there are
valuable mineral deposits, was entered upon and located for the purpose of exploration and purchase
by F. W. Crosley and J. O. A. Carper
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 6th day of September, 1915

The length of this claim is 1500 feet,
and We claim 1100 feet,
in a Westerly direction and 400
feet in a 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
East to the West

The claim is situated and located in the San Francisco Mining District, in
Mohave County in the State of Arizona, ~~XXXX~~

~~XXXX~~ ~~XXXXXXXXXXXX~~
From the N. W. Corner U.S.L.M. No 2670 bears N 29° 33' W. -
901.40 ft.

The surface boundaries of the claim are marked upon the ground as follows: Beginning at
a 4 x 4 in Post at the Westerly end Center

at a point in a ----- direction S. 85° 40' W - 1100 feet from
the discovery shaft (at which this notice is posted), being in the center of the Westerly
end line of said claim; thence N. 0° 35' E - 157.80 feet to a 4 x 4 in Post
being the Northwest corner of said claim; thence
N. 85° 40' E - 1500 feet to a 4 x 4 in Post, being at the
Northeast corner of said claim; thence S. 0° 35' W. - 157.80 feet
to a 4 x 4 in Post at the center of the Easterly end of said claim;
thence S. 0° 35' W - 142.20 feet to a 4 x 4 in Post being at the
Southeast corner of said claim; thence S 85° 40' W - 1500 feet
to a 4 x 4 in post at the Southwest corner of said claim;
thence N 0° 35' E. 142.20 feet to the place of beginning.

Dated and posted on the grounds this 6th day of Sept, 1915

F. W. Crosley
J. O. A. Carper

Filed and recorded at request of J. O. A. Carper December 4th
A. D. 1915 at 2:00 o'clock P. M., in Book M.M. at Page 146.
J. W. Morgan
County Recorder.

STATE OF ARIZONA, }
 County of } ss.

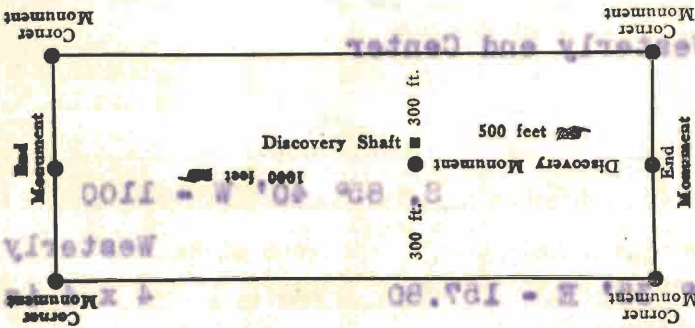
I,, County Recorder in and for the County and State aforesaid, do hereby certify that the within instrument was filed for record at o'clock M., on this day of, 19....., and duly recorded in Book No. of Records of County, Arizona, at pages

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

..... County Recorder.

**Notice of Location
 LODGE CLAIM**

.....
 Dated, 19.....
 Filed and Recorded at request of, A. D. 19.....
 at M.,
 Book
 Pages
 By County Recorder.
 Deputy Recorder.



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.

Excerpts from the Mining Laws of the State of Arizona.

Title XLVII of the Revised Statutes of 1901, and Amendments thereto.

Sec. 2. Such location shall be made by erecting at or contiguous to the point of discovery a conspicuous monument of stones not less than three feet in height, or an upright post, securely fixed, projecting at least four feet above the ground, in which monument of stones or on which post there shall be posted a location notice which shall be signed by the name or names of the locator or locators.

Sec. 4. From the time of the location of a mining claim, as above specified, the locator shall be allowed ninety days within which to do or cause to be done the following things:

* * * * *
 2. To sink a discovery shaft in the claim to a depth of at least eight feet from the lowest part of the rim of the shaft at the surface, and deeper, if necessary, until there is disclosed in said shaft mineral in place.

Sec. 6. Such surface boundaries shall be marked by six substantial posts projecting at least four feet above the surface of the ground, or by substantial stone monuments at least three feet high, to-wit: One at each corner of said claim and one at the center of each end-line thereof.

Sec. 8. Location notices may be amended at any time and the monuments changed to correspond with the amended location; Provided, That no change shall be made that will interfere with the rights of others.

NOTICE OF MINING LOCATION

LODE CLAIM

TO ALL WHOM IT MAY CONCERN:

This Mining Claim, the name of which is the Grace Jr Mining Claim, situate on lands belonging to the United States of America, and in which there are valuable mineral deposits, was entered upon and located for the purpose of exploration and purchase by J.O.A. Carper A Citizen of the United States the undersigned, on the 5th day of November, 1915.

The length of this claim is 840 feet, and I claim 375 feet, in a Westerly direction and 465 feet, in an 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 S 82° 59' W and N 82° 59' E from the disc Mon.

The claim is situated and located in the San Francisco Mining District, in Mohave County in the State of Arizona, in Sec 4; T 19 N; R 20 W.

The surface boundaries of the claim are marked upon the ground as follows: Beginning at Cor No 1 The N W Cor whence the N W Cor Sec 4; T 19 N; bears N 30° 11' W 1108 ft thence S 20° 30' W 324' to West Side 405 feet to S W Cor No 2 Thence N 82° 59' E 840 ft to S E Cor No 3 Thence N 20° 30' E 81 ft to East side 405 ft to N E Cor. No 4 Thence S 82° 59' W 840 ft to Cor No 1 The place of beginning the discovery shaft (at which this notice is posted), consists of shaft 4 x 7 - 8 ft.

Dated and posted on the grounds this 5th day of November, 1915.

J. O. A. Carper

Filed and recorded at request of J. O. A. Carper January 31st A. D. 1916 at One o'clock P. M., in Book N.N. at Page 351.

J. W. Morgan
County Recorder.

RECORDER'S CERTIFICATE.

STATE OF ARIZONA,)
 County of Mohave.)
 ;-ss.

I, J. W. Morgan, Recorder of Mohave County, State of Arizona, do hereby certify that I have compared the foregoing copies of original notices of location of the KEYNOTE FRACTION, HARDY, McCULLOUGH FRACTION and GRACE JR lode mining claims and of amended location certificates of the JOHN McCULLOUGH, KEYNOTE, MASCOTT, LITTLE HORSE, BUCK-EYE, McKENZIE lode mining claims, all of said lode mining claims being situated and located in the San Francisco mining district, County of Mohave, State of Arizona, and of the endorsements thereon with the original records thereof on file in this office, and that the same are correct transcripts therefrom and of the whole of said original records.

WITNESS my hand and official seal this 10th day of October, 1916.



J. W. Morgan

Recorder of Mohave
 County, State of Arizona.

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

Department of the Interior,

OFFICE OF U. S. SURVEYOR-GENERAL,

Phoenix, Arizona,

August 7, 1917.

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

George Miller

known as the Buckeye, Keynote, John McCullough, McKenzie, Keynote Fraction, Mascott, Little Horse, McCullough Fraction, Hardy, Grace Jr lodes. situate in San Francisco

Mining District, Mohave County, Arizona.

in Section s 4 & 5, Township No. 19 N., Range No. 20 W., unapp'd., and designated as Survey No. 3349

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 improvements made upon said mining claim by claimant or his grantors, and that said improvements consist of 10 shafts, 12 cuts, 4 tunnels, 6 adits and 1 trench, total value \$29,681.

Improvements No. 5 on the Buckeye lode and No. 3 on the Keynote lode being common improvements for the benefit and development of this entire group of claims, an undivided 1/10 interest therein, value \$1,161. is properly credited to each claim in this survey.

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 P. Trott,

United States Surveyor-General for Arizona.