

JUL 26 1916

DEC 21 1916

FEB 12 1917

4-683.

Mineral Survey No. 3300

Lot No.

Arizona Land District.

FIELD NOTES

OF THE SURVEY OF THE MINING CLAIM OF

Oatman United Mines Company

KNOWN AS THE

YANKEE, ANNIE, TOMOPAH NO. 1, WHEELER, WHEELER FRACTION, MERRILL, GRATIOT, ELEPHANT FRACTION, LOUISE FRACTION, GOLD RANGE EXTENSION, GOLD RANGE FRACTION, EMMA lodes.

SAN FRANCISCO Mining District,

MOHAVE County, ARIZONA

Section 14 and 23 / Township 19 N., Range 20 W., G. & S. R. B. & M. Unapproved,

Surveyed under instructions dated May 18, 1916,

by Edward L. Haff, U. S. Deputy Mineral Surveyor

- Claim located (See location notices) 1.
Survey commenced June 1, 1916
Survey completed July 20, 1916

o 6-160

ADDRESS OF CLAIMANT:

Oatman United Mines Co.,
By Ben W. McCloskey, Supt.,
Oatman, Arizona.

Yankee lode, located January 30, A.D. 1915.  
Annie lode, located August 21, 1915.  
Tonopah No. 1 lode, located January 23, 1915.  
Wheeler lode, located January 3, 1915.  
Wheeler Fraction lode, located November 21, 1915.  
Merrill lode, located January 3, 1915.  
Gratiot lode, located January 3, 1915.  
Elephant Fraction lode, located October 11, 1915.  
Louise Fraction lode, located March 31, 1915.  
Gold Range Extension lode, located January 1, 1915.  
Gold Range Fraction lode, located February 5, 1915.  
Emma lode, located March 20, 1915.

Feet

## Y A N K E E L O D E .

Beginning at Cor. No. 1

A redwood post 4 ft. long, 4 ins. square, set 18 ins. in the ground, with mound of earth and rock, a nail at the corner point, scribed Y-1-3300. Whence

The N.W. Cor. Sec. 19 T. 19 N. R. 19 W. G. & S. R. B. & M., bears S.  $81^{\circ}02'10''$  E. 6716.23 ft.

N.W. Cor. of the Oversight lode, unsurveyed, claimants unknown, bears S.  $79^{\circ}46'$  W. 432.79 ft.

N. W. Cor. of the C.O.D. lode, unsurveyed, claimants unknown, bears N.  $44^{\circ}31'$  W. 717.44 ft.

No bearing objects available.

Thence S.  $45^{\circ}33'$  W.

20.67

Intersect west side line of the C.O.D. lode, unsurveyed, at N.  $42^{\circ}52'$  W. 751.70 ft. from the S.W. Cor. and S.  $42^{\circ}52'$  E. 717.70 ft. and 181.78 ft. respectively from the N.W. Cor. and intersection of said West side line with the North end line of the Oversight lode unsurveyed.

175.97

East End Center.

A redwood post, 4 ft. long, 4 ins. square, set 18 ins. in the ground, with mound of earth and rock, a nail at the center point, scribed E. End C.-Y-3300.

205.51

Intersect line 3-4, Wheeler lode of this survey, at N.  $72^{\circ}27'$  E. 335.76 ft. from Cor. No. 3.

387.76

Intersect West side line of the Oversight lode, unsurveyed, at S.  $37^{\circ}27'$  E. 245.20 ft. from the N.W. Cor.

438.09

To Cor. No. 2.

A redwood post, 4 ft. long, 4 ins. square, set 18 ins. in the ground, with mound of earth and rock, a nail at the corner point, scribed Y-2-3300.

No bearing objects available.

Thence N.  $47^{\circ}10'10''$  W.

70.92

Intersect line 1-2, Annie lode of this survey, at S.  $43^{\circ}05'$  W. 138.53 ft. from Cor. No. 1.

Feet	Feet	
	121.04	Intersect line 3-4, Wheeler lode of this survey. at N. 72°27' E. 68.52 ft. from Cor. No. 3.
	715.00	Gulch 10 ft. wide, course northerly and southerly.
	1233.61	To Cor. No. 3. Identical with Cor. No. 3, Sur. No. 3281, Dollar Princess lode, claimants unknown. On line 4-1, Annie lode of this survey. at N. 53°57' W. 1172.19 ft. from Cor. No. 1. A redwood post 4 ft. long, 4 ins. square, set 18 ins. in the ground, with mound of earth and rock, a nail at the corner point, scribed Y-3-3300. No bearing objects available. Thence N. 45° 33' E.
	262.12	West End Center. A redwood post, 4 ft. long, 4 ins. square, set 18 ins. in the ground, with mound of earth and rock, a nail at the center point, scribed W. End C.-Y-3300.
	529.62	To Cor. No. 4. On an andesite rock 6 x 6 x 4 ft. above ground, chiseled X-Y-4-3300. No bearing objects available. Thence S. 42° 55' E.
	338.00	Gulch, 10 ft. wide, course northeasterly and southwesterly.
	506.05	Intersect North End line of the C.O.D. lode, unsurveyed, at N. 21°48' E. 22.15 ft. from the N.W. Cor., and S. 21° 48' W. 297.85 ft. from the north end center.
	1054.49	Intersect north end line of the Oversight lode, unsurveyed, at N. 55°45' E. 368.47 ft. and 20.66 ft. respectively from the N. W. Cor. and intersection of said N. end line with West side line of the C.O.D. lode unsurveyed, and S. 55° 45' W. 183.53 ft. from the N.E. Cor. said Oversight lode,
	1232.67	To Cor. No. 1, the place of beginning. ANNIE LODE. Beginning at Cor. No. 1.

Feet	<p>A redwood post, 4 ft. long, 4 ins. square, set 18 ins. in the ground, with mound of earth and rock, a nail at the corner point, scribed A-1-3300. Whence</p> <p>N. W. Cor. Sec. 19 T. 19 N. R. 19 W., G. &amp; S.R. B. &amp; M. bears S. 82°40' E. 6960.88 ft.</p> <p>The N.W. Cor. of the Oversight lode, unsurveyed, bears N. 62° 40' W. 175.36 ft.</p> <p>No bearing objects available.</p> <p>Thence S. 43° 05' W.</p>
49.68	Intersect line 3-4, Wheeler lode of this survey, at N. 72°27' E. 170.72 ft. from Cor. No. 3.
75.74	Intersect West side line, Oversight lode, unsurveyed, at S. 37°27' E. 171.10 ft. from the N.W. Cor.
138.53	Intersect line 2-3, Yankee lode of this survey, at S. 47°10' 10" E. 1162.69ft. from Cor. No. 3.
168.19	East End Center.  A redwood post, 4 ft. long, 4 ins. square, set 18 ins. in the ground, with mound of earth and rock, a nail at the center point, scribed E. End C.-A-3300.
188.19	To Cor. No. 2.  Identical with Cor. No. 1, Tonopah No. 1 lode of this survey.  A redwood post, 4 ft. long, 4 ins. square, set 18 ins. in the ground, with mound of earth and rock, a nail at the corner point, scribed A. 2-T. No. 1-1-3300.  No bearing objects available.  Thence N. 53° 57' W.
84.47	Cor. No. 3, Wheeler lode of this survey.
130.00	Gulch, 10 ft. wide, course easterly and westerly.
510.00	Gulch, 10 ft. wide, course northerly and southerly.
1436.81	Intersect line 3-4, Sur. No. 3281, Combination lode, at S. 45° W., 179.90 ft. from Cor. No. 4.
1438.00	To Cor. No. 3.  Identical with Cor. No. 4, Tonopah No. 1 lode of this survey.

Feet

A redwood post, 4 ft. long, 4 ins. square, set 18 ins. in the ground, with mound of earth and rock, a nail at the corner point, scribed A-3-T. No.1-4-3300.

No bearing objects available.

Thence N. 43° 05' E.

20.00 West End Center.

A redwood post, 4 ft. long, 4 ins. square, set 18 ins. in the ground, with mound of earth and rock, a nail at the center point scribed W. End C. A-3300.

178.80 Intersect lines 4-1 & 2-3 Sur. No. 3281, Combination and Dollar Princess lodes at N. 55° 57' W., 7.29 ft and 267.11 ft. from Cors. No. 4 and 3 respectively.

188.19 To Cor. No. 4.

A redwood post, 4 ft. long, 4 ins. square, set 18 ins. in the ground, with mound of earth and rock, a nail at the corner point, scribed A-4-3300. Whence

Cor. No. 4, Sur. No. 3281, Combination lode, bears S. 1°56' W. 10.95 ft.

No bearing objects available.

Thence S. 53° 57' E.

265.81 Cor. No. 3, Yankee lode of this survey and Cor. No. 3 Sur. No. 3281 Dollar Princess lode.

745.00 Gulch, 10 ft. wide, course northerly and southerly.

770.00 Gulch, 10 ft. wide, course northeasterly and southwesterly.

1274.18 Intersect north end line Oversight lode, unsurveyed, at N. 55° 45' E. 28.23 ft. from the N.W. Cor.

1438.00 To Cor. No. 1, the place of beginning.

T O N O P A H N O. 1. L O D E .

Beginning at Cor. No. 1.

Identical with Cor. No. 2, Annie lode of this survey, previously described, Whence

N.W. Cor. Sec. 19 T. 19 N.R. 19 W.G. & S.R. B. & M., bears S. 83°54' 15" E. 7072.45 ft.

No bearing objects available.

Feet	Thence S. 43° 05' W.
71.62	Intersect line 2-3 and 4-1, Wheeler and Merrill lodes of this survey at S. 10° 45' E. 103.84 and 63.06 ft. respectively from Cors. 3 and 4
154.40	East End Center. A redwood post, 4 ft. long, 4 ins. square, set 18 ins. in the ground, with mound of earth and rock, a nail at the center point, scribed E. End C. T. No. 1. 3300.
396.50	To Cor. No. 2. A redwood post, 4 ft. long, 4 ins. square, set 18 ins. in the ground, with mound of earth and rock, a nail at the corner point, scribed T. No. 1-2-3300. No bearing objects available.
	Thence N. 53° 57' W.
242.05	East cor. Sunshine lode, unsurveyed, claimants unknown.
275.72	Intersect line 3-4, Merrill lode of this survey. at S. 72° 27' W. 454.23 ft. from Cor. No. 4.
670.00	Gulch, 10 ft. wide, course easterly and westerly.
770.00	Wagon road, course easterly and westerly.
1438.00	To Cor. No. 3. A redwood post, 4 ft. long, 4 ins. square, set 18 ins. in the ground, with mound of earth and rock, a nail at the corner point, scribed T. No. 1-3-3300. No bearing objects available.
	Thence N. 43° 05' E.
3.15	Intersect East side line, Sunshine lode, unsurveyed, at S. 53° 48' E. 296.76 ft. from the north corner, and N. 53° 48' W. 1195.57 ft. from the East Cor.
242.10	West End Center. A redwood post, 4 ft. long, 4 ins. square, set 18 ins. in the ground, with mound of earth and rock, a nail at the center point, scribed W. End C. T. No. 1-3300.
361.21	Intersect line 3-4, Sur. No. 3281, Combination lode, at S. 45° W. 215.36 ft. from Cor. No. 4.

Feet

396.50	To Cor. No. 4. Identical with Cor. No. 3, Annie lode of this survey, previously described. No bearing objects available. Thence S. 53° 57' E.
1.19	Intersect line 3-4 Sur. No. 3281 Combination lode, at S 45° 00' W. 179.90 ft. from Cor. No. 4.
928.00	Gulch 10 ft. wide, course northerly and southerly.
1308.00	Gulch 10 ft. wide, course easterly and westerly.
1353.53	Cor. No. 3, Wheeler lode of this survey
1438.00	To Cor. No. 1, the place of beginning.  W H E E L E R L O D E . Beginning at Cor. No. 1 Identical with Cor. No. 2, Wheeler Fraction lode of this survey. A redwood post, 4 ft. long, 4 ins. square, set 18 ins. in the ground, with mound of earth and rock, a nail at the corner point, scribed W.-W. Fr.-1-2-3300 Whence N.W. Cor. Sec. 19, T. 19 N.R.19 W.G.& S.R.B.& M. bears N. 86° 18' 10" E. 6380.76 ft. No bearing objects available. Thence S. 72° 27' W.
220.00	South End Center. A redwood post 4 ft. long, 4 ins. square, set 18 ins. in the ground, with mound of earth and rock, a nail at the corner point, scribed S. End C. W. 3300.
255.03	Intersect line 2-3 and 4-1, Gold Range Extension and Elephant Fraction lodes of this survey. at S 37° 27' E. 97.37 <sup>ft.</sup> and 280.13 ft. from Cors. 3 and 4 respectively.
387.65	Intersect line 1-2, Sur. No. 3284, Black Hawk Fraction lode, claimants unknown; at N. 18° 25' W. 422.67 ft. from Cor. No. 1.
498.00	To Cor. No. 2. Identical with Cor. No. 1, Merrill lode of



Feet	this survey.
	A redwood post, 4 ft. long, 4 ins. square, set 18 ins. in the ground, with mound of earth and rock, a nail at the corner point, scribed W.-M-2-1-3300, Whence Cor. No. 1, Sur. No. 3284, Black Hawk Fraction lode, bears S. 32° 59' 30" E. 438.45 ft. No bearing objects available. Thence N. 10° 45' W.
235.74	Intersect line 3-4, Elephant Fraction lode of this survey, at S 58° 41' W. 123.24 ft. from Cor. No. 4
760.00	Gulch, 10 ft. wide, course northeasterly and southwesterly
827.04	Intersect line 1-2, Sur. No. 3284, Black Hawk Fraction lode, at S. 18° 25' E. 256.02 ft. from Cor. No. 2 and N. 18° 25' W. 1243.98 ft. from Cor. No. 1
1283.54	Intersect line 1-2, Tonopah No. 1 lode of this survey, at S 43° 05' W. 71.62 ft. from Cor. No. 1
1346.60	Cor. No. 4, Merrill lode of this survey.
1387.38	To Cor. No. 3. On line 2-3 and 4-1, Annie and Tonopah No. 1 lodes of this survey at N. 53° 57' W. 84.47 ft. from Cors. 2 and 1. A redwood post, 4 ft. long, 4 ins. square, set 18 ins. in the ground, with mound of earth and rock, a nail at the corner point, scribed W - 3-3300. No bearing objects available. Thence N. 72° 27' E.
68.52	Intersect line 2-3, Yankee lode of this survey, at N 47° 10' 10" W. 121.04 ft from Cor. No. 2.
143.38	Intersect west side line of the Oversight lode, unsurveyed, at S. 37° 27' E. 157.51 ft. from the west Cor.
170.72	Intersect line 1-2, Annie lode of this survey, at N 43° 05' E. 138.51 ft. from Cor. No. 2
278.00	North End Center. A redwood post, 4 ft. long, 4 ins. square,

Feet	set 18 ins. in the ground, with mound of earth and rock, a nail at the center point, scribed N. End C.-W.-3300.
335.76	Intersect line 1-2, Yankee lode of this survey, at N. 45° 33' E. 232.58 ft. from Cor. No. 2.
498.00	To Cor. No. 4. A redwood post, 4 ft. long, 4 ins. square, set 18 ins. in the ground, with mound of earth and rock, a nail at the corner point, scribed W. 4-3300. Whence Cor. No. 1, Yankee lode of this survey, bears N. 4° 48' W. 95.33 ft. No bearing objects available. Thence S. 10° 45' E.
540.00	Gulch, 10 ft. wide, course easterly and westerly.
742.10	Cor. No. 4, Wheeler Fraction lode of this survey, and intersect West Side line of the Oversight lode, unsurveyed, at S. 37° 27' E. 941.17 ft. from the west corner and N. 37° 27' W. 558.72 ft. from the south corner.
1155.57	Intersect line 3-4, Gold Range Extension lode of this survey at N. 48° 43' E. 344.41 ft. from Cor. No. 3.
1387.38	To Cor. No. 1, the place of beginning. <b>WHEELER FRACTION LODGE</b> Beginning at point for. Cor. No. 1. An inaccessible point on a high bluff. Whence Witness corner bears S. 72° 27' W. 100.21 ft. N. W. Cor. Sec. 19, T. 19 N. R. 19 W. G. & S. R. B. & M. bears N. 86° 59' 50" E. 6081.97 ft. from true corner point Thence S. 72° 27' W. from true corner point
100.21	Witness Cor. to Cor. No. 1. A redwood post, 4 ft. long, 4 ins. square, set 18 ins. in the ground, with mound of earth and rock, a nail at the corner point, scribed W. C. W. Fr.-1-3300.
148.35	South End Center. A redwood post, 4 ft. long, 4 ins. square, set

Feet	18 ins. in the ground, with mound of earth and rock, a nail at the center point, scribed S. End C. W. Fr.-3300.
308.35	To Cor. No 2. Identical with Cor. No. 1, Wheeler lode of this survey, previously described. No bearing objects available. Thence N. 31° 02' W.
202.90	Intersect line 3-4, Gold Range Extension lode of this survey at S. 48°43' W. 267.85 ft. from Cor. No. 4
658.91	To Cor. No. 3. A redwood post, 4 ft. long, 4 ins. square, set 18 ins. in the ground, with mound of earth and rock, a nail at the corner point, scribed W. Fr.-3-3300. No bearing objects available. Thence N. 72° 27' E.
160.00	North End Center. A redwood post, 4 ft. long, 4 ins. square, set 18 ins. in the ground, with mound of earth and rock, a nail at the corner point, scribed N. End C. W. Fr.-3300.
230.00	To Cor. No. 4. On line 4-1, Wheeler lode of this survey, at N. 10° 45' W. 645.28 ft. from Cor. No. 1 and on west side line of the Oversight lode, unsurveyed. A redwood post, 4 ft. long, 4 ins. square, set 18 ins. in the ground, with mound of earth and rock, a nail at the corner point, scribed W. Fr. 4-3300. No bearing objects available. Thence S. 37° 27' E.
356.93	Cor. No. 4, Gold Range Extension lode of this survey.
558.72	South Cor. Oversight lode, unsurveyed.
681.43	To Cor. No. 1, the place of beginning.
	M E R R I L L / L O D E .
	Beginning at Cor. No. 1. Identical with Cor. No. 2, Wheeler lode of this survey, previously described, Whence

Feet	N.W. Cor. Sec. 19, T. 19 N. R. 19 W. G. & S.R.B. & M. bears N. 85° 18' 20" E. 6865.33 ft.
	No bearing objects available.
	Thence S. 72° 27' W.
67.33	Intersect line 2-3 and 4-1, Elephant Fraction and Emma lodes of this survey, at S. 42° 41' E. 208.78 ft. from Cor. Nos. 3 and 4
232.00	South End Center. A redwood post 4 ft. long, 4 ins. square, set 18 ins. in the ground, with mound of earth and rock, a nail at the center point, scribed S. End C.-M-3300.
392.20	Intersect line 2-3, Emma lode of this survey, at S. 42° 41' E. 129.93 ft. from Cor. No. 3
489.72	Intersect line 3-4, Sur. No. 3284, Black Hawk Fraction lode at N. 18° 25' W. 431.75 ft. from Cor. No. 4.
534.	To Cor. No. 2.
	Identical with Cor. No. 1, Gratiot lode of this survey.
	A redwood post, 4 ft. long, 4 ins. square, set 18 ins. in the ground, with mound of earth and rock, a nail at the corner point, scribed M.-G.-2-1-3300.
	No bearing objects available.
	Thence N. 10° 45' W.
331.87	Intersect, line 3-4, Sur. No. 3284, Black Hawk Fraction lode, at S. 18° 25' E. 738.67 ft. from Cor. No. 3 and N. 18° 25' W. 761.33 ft. from Cor. No. 4
725.00	Gulch, 10 ft. wide, course northeasterly and southwesterly.
810.00	Wagon road, course northeasterly and southwesterly.
1077.20	Intersect line 2-3, Sur. No. 3284, Black Hawk Fraction lode at S. 71° 35' W. 500.57 ft. from Cor. No. 2.
1235.24	Cor. No. 4, Gratiot lode of this survey. Also intersect East End line, Sunshine lode, unsurveyed, at S. 35° 59' W. 140.44 ft. from the East Cor. and N. 35° 59' E. 454.87 ft. from the South Cor.
1346.60	To Cor. No. 3.

Feet	A pine post, 4 ft. long, 4 ins. square, set 18 ins. in the ground, with mound of earth and rock, a nail at the corner point, scribed M.-3-3300.
	No bearing objects available.
	Thence N. 72° 27' E.
79.77	Intersect line 2-3, Tonopah No. 1 lode of this survey, at N. 53° 57' W. 275.72 ft. from Cor. No. 2
79.88	Intersect North Side line, Sunshine lode, unsurveyed, at N. 53° 48' W. 33.60 ft. from East Cor.
302.00	North End Center.
	A redwood post, 4 ft. long, 4 ins. square, set 18 ins. in the ground, with mound of earth and rock, a nail at the center point, scribed N. End C.-M-3300.
534.00	To Cor. No. 4.
	On line 2-3, Wheeler lode of this survey,
	A redwood post, 4 ft. long, 4 ins. square, set 18 ins. in the ground, with mound of earth and rock, a nail at the corner point, scribed M.-4-3300. Whence
	Cor. No. 2, Tonopah No. 1 lode of this survey, bears S. 35° 05' W. 365.66 ft.
	No bearing objects available.
	Thence S. 10° 45' E.
63.06	Intersect line 1-2, Tonopah No. 1 lode of this survey, at N. 43° 05' E. 324.88 ft. from Cor. No. 2.
519.56	Intersect line 1-2, Sur. No. 3284, Black Hawk Fraction lode, at S. 18° 25' E. 256.02 ft. from Cor. No. 2.
586.60	Gulch, 10 ft. wide, course northeasterly and southwesterly.
1110.86	Intersect line 3-4, Elephant Fraction lode of this survey at N. 58° 41' E. 189.36 ft. from Cor. No. 3.
1346.60	To Cor. No. 1, the place of beginning.
	G R A T I O T L O D E .
	Beginning at Cor. No. 1.
	Identical with Cor. No. 2, Merrill lode of this survey, previously described, Whence
	N.W. Cor. Sec. 19, T. 19 N. R. 19 W. G. & S. R. B. & M. bears N. 84° 23' 10" E. 7386.88 ft.

Feet	No bearing objects available.
	Thence S. 72° 27' W.
98.00	South End Center. A redwood post, 4 ft. long, 4 ins. square, set 18 ins. in the ground, with mound of earth and rock, a nail at the center point, scribed S. End C.-G-3300.
136.01	Intersect line 5-6, Sur. No. 3231, Monarch lode, Big Jim Gold Mining Company, claimant, at S. 42° 41' E. 189.93 ft. from Cor. No. 5.
400.00	To Cor. No. 2. A redwood post, 4 ft. long, 4 ins. square, set 18 ins. in the ground, with mound of earth and rock, a nail at the corner point, scribed G.-2-3300. Whence Cor. No. 4, Sur. No. 2903, Rising Sun lode, Tom Reed Gold Mines Company, claimant, and Cor. No. 5, Sur. No. 3231, Monarch lode, bears N. 29° 17' E. 251.34 ft. No bearing objects available. Thence N. 10° 45' W.
50.63	Intersect line 3-4, Sur. No. 2903, Rising Sun lode, and line 4-5, Sur. No. 3231, Monarch lode, at S. 38° W. 215.03 ft. from Cor. Nos. 4-5, respectively.
140.00	Gulch, 10 ft. wide, course northerly and southerly.
385.34	Intersect line 2-3, Louise Fraction lode of this survey. and line 4-1, Sur. No. 2903, Rising Sun lode, at N. 50° 43' W. 1.21 <sup>ft.</sup> and 251.68 ft. from Cors. Nos. 2 and 4 respectively.
1041.12	Intersect south side line, Sunshine lode, unsurveyed, at N. 53° 56' W. 96.39 ft. from the south corner, <del>and S. 53° 56' E. 1395.95 ft. from the west corner.</del>
1209.24	Cor. No. 4, Louise Fraction lode of this survey.
1225.00	Wagon road, course easterly and westerly.
1235.24	To Cor. No. 3. A redwood post, 4 ft. long, 4 ins. square, set 18 ins. in the ground, with mound of earth and rock, a nail at the corner point, scribed G-3-3300. Whence The South Corner of the Sunshine lode, unsur-

- Feet veyed, bears S. 24° 45' 30" E. 272.5 ft.  
 No bearing objects available.  
 Thence N. 72° 27' E.
- 302.00 North End Center.  
 A redwood post, 4 ft. long, 4 ins. square,  
 set 18 ins. in the ground, with mound of earth and rock,  
 a nail at the center point, scribed N. End C.-G.-3300.
- 400.00 To Cor. No. 4.  
 On line 2-3, Merrill lode of this survey, and  
 East End line of the Sunshine lode, unsurveyed, N. 35°  
 59' E. 454.87 ft. from the south corner said Sunshine  
 lode,  
 A redwood post, 4 ft. long, 4 ins. square,  
 set 18 ins. in the ground, with mound of earth and rock,  
 a nail at the corner point, scribed G-4-3300.  
 No bearing objects available.  
 Thence S. 10° 45' E.
- 158.04 Intersect line 2-3, Sur. No. 3284, Black Hawk Fraction  
 lode, at N. 71° 35' E. 99.43 ft. from Cor. No. 3.
- 425.24 Wagon road, course northeasterly and southwesterly.
- 510.24 Gulch, 10 ft. wide, course northeasterly and southwesterly
- 903.37 Intersect line 3-4, Sur. No. 3284, Black Hawk Fraction  
 lode, at S. 18° 25' E. 738.67 ft. from Cor. No. 3.
- 1235.24 To Cor. No. 1, the place of beginning.

ELEPHANT FRACTION  
 LODE

Beginning at point for Cor. No. 1.  
 Identical with Cor. No. 4, Gold Range  
 Fraction lode of this survey.  
 On line 2-3, Gold Range Extension lode of  
 this survey.  
 On a steep bluff, unsuitable for a corner,  
 Whence  
 Witness Cor. bears S. 58° 41' W. 6.00 ft.  
 N. W. Cor. Sec. 19, T. 19 N.R. 19 W., G. &  
 S. R. B. & M., bears N. 83° 15' 30" E. 6449.19 ft. from true corner point.  
 Thence S. 58° 41' W. from true Corner point

Feet	
6.00	Witness Corner to Cor. No. 1- and Cor. No. 4 Gold Range Fraction lode, A redwood post, 4 ft. long, 4 ins. square, set 18 ins. in the ground, with mound of earth and rock, a nail at the corner point, scribed W. C. E. Fr.-G.R.Fr.-1-4-3300. No bearing objects available.
60.06	South End Center. A redwood post, 4 ft. long, 4 ins. square, set 18 ins. in the ground, with mound of earth and rock, a nail at the corner point, scribed S. End C.-E.Fr.-3300.
249.27	Intersect line 1-2, Sur. No. 3284, Black Hawk Fraction lode, at N. 18° 25' W. 45.12 ft. from Cor. No. 1.
255.06	To Cor. No. 2. Identical with North End Center, Gold Range Fraction, and Cor. No. 1, Emma lodes of this survey. A redwood post, 4 ft. long, 4 ins. square, set 18 ins. in the ground, with mound of earth and rock, a nail at the corner point, scribed E. Fr.-2-N. End C. G. R. Fr.-E.-1-3300. Whence Cor. No. 1, Sur. No. 3284, Black Hawk Fraction lode, bears S. 25° 45' E. 44.19 ft. No bearing objects available. Thence N. 42° 41' W.
320.00	Gulch, 10 ft. wide, course easterly and westerly.
418.52	Intersect line 1-2, Merrill lode of this survey, at S. 72° 27' W. 67.33 ft. from Cor. No. 1.
627.30	To Cor. No. 3. Identical with Cor. No. 4, Emma lode of this survey. A redwood post, 4 ft. long, 4 ins. square, set 18 ins. in the ground, with mound of earth and rock, a nail at the corner point, scribed E. Fr.-E.-3-4-3300. Whence Cor. Nos. 2-1, Wheeler and Merrill lodes of this



Feet	survey, bears S. 57° 05' E.-245.09 ft. No bearing objects available. Thence N. 58° 41' E.
189.36	Intersect line 2-3 and 4-1, Wheeler and Merrill lodes of this survey, N. 10° 45' W. 235.74 ft. from Cor. Nos. 2 and 1.
195.00	North End Center. A redwood post, 4 ft. long, 4 ins. square, set 18 ins. in the ground, with mound of earth and rock, a nail at the center point, scribed N. End C.-E.Fr.-3300.
270.28	Intersect line 1-2, Sur. No. 3284, Black Hawk Fraction lode, at N. 18° 25' W. 676.04 ft. from Cor. No. 1.
312.60	To Cor. No. 4. A redwood post, 4 ft. long, 4 ins. square, set 18 ins. in the ground, with mound of earth and rock, a nail at the corner point, scribed E. Fr.-4-3300. No bearing objects available. Thence S. 37° 27' E.
182.76	Cor. No. 3, Gold Range Extension lode of this survey.
280.13	Intersect line 1-2, Wheeler lode of this survey, at N. 72° 27' E. 242.97 ft. from Cor. No. 2
375.00	Gulch, 10 ft. wide, course easterly and westerly.
618.54	To Cor. No. 1, the place of beginning. LOUISE FRACTION LODE. Beginning at Cor. No. 1. A redwood post, 4 ft. long, 4 ins. square, set 18 ins. in the ground, with mound of earth and rock, a nail at the corner point, scribed L. Fr.-1-3300. Whence N. W. Cor. Sec. 19, T. 19 N.R. 19 W., G. & S. R. B. & M., bears N. 89° 53' 50" E. 7520.20 ft. Cor. No. 3, Sur. No. 3284, Black Hawk Fraction lode, bears N. 21° 43' W. 341.92 ft. No bearing objects available.

Feet	Thence S. 32° 07' W.
25.50	Intersect line 3-4, Sur. No. 3284, Black Hawk Fraction lode, at S. 18° 25' E. 357.56 ft. from Cor. No. 3.
60.00	Gulch, 10 ft. wide, course northeasterly and southwesterly.
270.00	Gulch, 10 ft. wide, course northeasterly and southwesterly
302.36	East End Center. A redwood post, 4 ft. long, 4 ins. square, set 18 ins. in the ground, a nail at the center point, scribed E. End. C. L. Fr.-3300.
533.38	To Cor. No. 2. On line 4-1, Sur. No. 2903, Rising Sun lode, at N. 50° 43' W. 250.47 ft. from Cor. No. 4. A redwood post, 4 ft. long, 4 ins. square, set 18 ins. in the ground, with mound of earth and rock, a nail at the corner point, scribed L. Fr.-2-3300. No bearing objects available. Thence N. 50° 43' W. Along line 4-1, Sur. No. 2903, Rising Sun lode.
1.21	Intersect line 2-3, Gratiot lode of this survey, at N. 10° 45' W. 385.34 ft. from Cor. No. 2
566.13	To Cor. No. 3. A redwood post, 4 ft. long, 4 ins. square, set 18 ins. in the ground, with mound of earth and rock, a nail at the corner point, scribed L. Fr.-3-3300. No bearing objects available.
231.02	West End Center. A redwood post, 4 ft. long, 4 ins. square, set 18 ins. in the ground, with mound of earth and rock, a nail at the center point, scribed W. End C.L. Fr.-3300.
418.05	Intersect South side line, Sunshine lode, unsurveyed, at N. 53° 56' W. 211.04 ft. from the south corner, and S. 53° 56' E. 1281.30 ft. from the west corner.

Feet	
533.38	<p>To Cor. No. 4.</p> <p>On line 2-3, Gratiot lode of this survey. at N. 10° 45' W. 1209.24 ft. from Cor. No. 2.</p> <p>A redwood post; 4 ft. long, 4 ins. square, set 18 ins. in the ground, with mound of earth and rock, a nail at the corner point, scribed L. Fr.-4-3300. Whence S. <math>\frac{1}{4}</math> Cor. Sec. 14, unapproved, T. 19 N.R. 20 W. G. &amp; S. R. B. &amp; M., bears S. 13° 27' 40" E.-343.38 ft. South Cor., Sunshine lode, unsurveyed, bears S. 26° 13' E. 247.37 ft.</p> <p>No bearing objects available.</p> <p>Thence S. 50° 43' E.</p>
30.00	Wagon road, course northerly and southerly.
219.18	Intersect East End line, Sunshine lode, unsurveyed, at N. 35° 59' E.-102.75 ft. from the South corner.
475.00	Wagon road, course easterly and westerly.
529.30	Intersect line 3-4, Sur. No. 3284, Black Hawk Fraction lode, at S. 18° 25' E.-310.22 ft. from Cor. No. 3.
566.13	To Cor. No. 1, the place of beginning.
	<p style="text-align: center;">G O L D R A N G E E X T E N S I O N L O D E</p> <p>Beginning at Cor. No. 1.</p>
	<p>A redwood post, 4 ft. long, 4 ins. square, set 18 ins. in the ground, with mound of earth and rock, a nail at the corner point, scribed G. R. EXT.1-3300, Whence N.W. Cor. Sec. 19, T. 19 N. R. 19 W. G. &amp; S.R.B. &amp; M., bears N. 78° 06' E. 5559.00 ft.</p>
	No bearing objects available.
	Thence S. 48° 43' W.
300.60	<p>South End Center.</p> <p>A redwood post, 4 ft. long, 4 ins. square, set 18 ins. in the ground, with mound of earth and rock, a nail at the center point, scribed S. End C. G. R. Ext.- 3300.</p>

Feet	
530.60	To Cor. No. 2.
	On line 4-1, Gold Range Fraction lode of this survey.
	A redwood post, 4 ft. long, 4 ins. square, set 18 ins. in the ground, with mound of earth and rock, a nail at the corner point, scribed G. R. Ext. 2-3300.
	No bearing objects available.
	Thence N. 37° 27' W.
33.00	Gulch, 10 ft. wide, course northeasterly and southwesterly.
931.31	Cor. Nos. 1-4, Elephant Fraction and Gold Range Fraction lodes of this survey.
1180.00	Gulch, 10 ft. wide, course easterly and westerly.
1269.72	Intersect line 1-2, Wheeler lode of this survey, at S. 72° 27' W. 255.03 ft. from Cor. No. 1.
1367.09	To Cor. No. 3.
	On line 4-1, Elephant Fraction lode of this survey.
	A redwood post, 4 ft. long, 4 ins. square, set 18 ins. in the ground, with mound of earth and rock, a nail at the corner point, scribed G.R. EXT. 3-3300.
	Whence
	Cor. Nos. 1-2, Wheeler and Wheeler Fraction lodes of this survey, bears S. 89° 55' 20" E. 302.37 ft.
	No bearing objects available.
	Thence N. 48° 43' E.
230.00	North End Center.
	A redwood post, 4 ft. long, 4 ins. square, set 18 ins. in the ground, with mound of earth and rock, a nail at the center point, scribed N. End C. G. R. Ext. 3300.
263.08	Intersect line 2-3, Wheeler Fraction lode of this survey, at N. 31° 02' W. 203.05 ft. from Cor. No. 2.
344.80	Intersect line 4-1, Wheeler lode of this survey, at N. 10° 45' W. 231.97 ft. from Cor. No. 1.
530.60	To Cor. No. 4.

Feet On West Side line, Oversight lode, unsurveyed, and line 4-1, Wheeler Fraction lode of this survey.

A redwood post, 4 ft. long, 4 ins. square, set 18 ins. in the ground, with mound of earth and rock, a nail at the corner point, scribed G. R. Ext.-4-3300.

No bearing objects available.

Thence S.  $37^{\circ} 27' E$ .

201.79 South Cor. Oversight lode, unsurveyed.

324.50 <sup>True pt. for</sup> Cor. No. 1, Wheeler Fraction lode of this survey.

1367.09 To Cor. No. 1, the place of beginning.

## G O L D R A N G E F R A C T I O N L O D E .

Beginning at Cor. No. 1.

A redwood post, 4 ft. long, 4 ins. square, set 18 ins. in the ground, with mound of earth and rock, a nail at the corner point, scribed G.R. Fr.-1-3300. Whence

N. W. Cor. Sec. 19, T. 19 N. R. 19 W. G. & S. R. B. & M., bears N.  $73^{\circ} 07' 20'' E$ . 5922.51 ft.

No bearing objects available.

Thence S.  $58^{\circ} 41' W$ .

150.07 Intersect East Side line of the North Aztec lode, unsurveyed, at N.  $53^{\circ} 45' W$ . 47.52 ft. from the East Corner.

174.96 South End Center.

A redwood post, 4 ft. long, 4 ins. square, set 18 ins. in the ground, with mound of earth and rock, a nail at the center point, scribed S. End C. G. R. Fr.-3300.

474.96 To Cor. No. 2.

A redwood post, 4 ft. long, 4 ins. square, set 18 ins. in the ground, with mound of earth and rock, a nail at the corner point, scribed G.R. Fr.-2-3300.

No bearing objects available.

Thence N.  $41^{\circ} 11' W$ .

125.00 Gulch, 10 ft. wide, course northeasterly and southwesterly.

1223.41 To Cor. No. 3.

Feet	Identical with Cor. No. 2, Emma lode of this survey.
	A redwood post, 4 ft. long, 4 ins. square, set 18 ins. in the ground, with mound of earth and rock, a nail at the corner point, scribed G.R. Fr.-E-3-2-3300.
	Whence
	The North Cor. of the North Aztec lode unsurveyed bears N. 19° 40' E. 35.60 ft.
	No bearing objects available.
	Thence N. 58° 41' E.
36.92	Intersect East Side line, North Aztec lode, unsurveyed, at N. 53° 45' W. 1351.52 ft. from the East corner.
103.68	Intersect line 4-1, Sur. No. 3284, Black Hawk Fraction lode at S. 71° 35' W. 197.00 ft. from Cor. No. 1.
135.00	South End Center Emma lode of this survey.
300.00	North End Center.
	Identical with Cor. Nos. 2-1, Elephant Fraction and Emma lodes of this survey, previously described.
305.79	Intersect line 1-2, Sur. No. 3284, Black Hawk Fraction lode, at N. 18° 25' W. 45.12 ft. from Cor. No. 1.
495.00	South End Center, Elephant Fraction lode.
549.06	Witness Cor. to Cor. No. 4 and Cor. No. 1, Elephant Fraction lode of this survey, previously described.
555.06	To point for Cor. No. 4.
	On line 2-3, Gold Range Extension lode, of this survey.
	Identical with point for Cor. No. 1, Elephant Fraction lode of this survey, previously described.
	W. C. previously described bears S. 58° 41' W. 6 ft.
	No bearing objects available.
	Thence S. 37° 27' E. from true Corner point.
898.31	Gulch, 10 ft. wide, course northeasterly and southwesterly.
931.31	Cor. No. 2, Gold Range Extension lode of this survey.
1212.24	To Cor. No. 1, the place of beginning.

Feet

## EMMA LODE.

Beginning at Cor. No. 1.

Identical with Cor. No. 2, Elephant Fraction and North End Center Gold Range Fraction lodes of this survey. Whence

N. W. Cor. Sec. 19, T. 19 N. R. 19 W. G. & S.R. B. & M., bears N. 82° 21' E. 6681.93 ft.

No bearing objects available.

Thence S. 58° 41' W.

165.00 South End Center.

A redwood post, 4 ft. long, 4 ins. square, set 18 ins. in the ground, with mound of earth and rock, a nail at the center point, scribed S. End C.-E-3300.

196.32 Intersect line 4-1, Sur. No. 3284, Black Hawk Fraction lode, at S. 71° 35' W. 197.00 ft. from Cor. No. 1.

263.08 Intersect East Side line North Aztec lode, unsurveyed, at S. 53° 45' E. 24.25 ft. from the north Cor. and 18.27 ft. from its intersection with line 4-1 Black Hawk Fraction lode.

300.00 To Cor. No. 2.

Identical with Cor. No. 3, Gold Range Fraction lode, unsurveyed, previously described. Whence

North Corner North Aztec lode, unsurveyed, bears N. 19° 40' E. 35.60 ft.

No bearing objects available.

Thence N. 42° 41' W.

15.00 Intersect North End line North Aztec lode unsurveyed at S. 44° 33' W. 31.57 ft. from North Cor. and 20.84 ft. from its intersection with line 4-1, Sur. No. 3284, Black Hawk Fraction lode, and N. 44° 33' E. 251.90 ft. from the West Cor.

25.39 Intersect line 1-4, Sur. No. 3284, Black Hawk Fraction lode, at N. 71° 35' E. 291.50 ft. from Cor. No. 4 and S. 71° 35' W. 308.50 ft. from Cor. No. 1 and 22.83 ft.

Feet from its intersection with North End line and 35.86 ft.  
 from its intersection with the east side line North Aztec  
 lode, unsurveyed.

430.00 Gulch, 10 ft. wide, course northwesterly and southeasterly.

450.00 Gulch, 10 ft. wide, course easterly and westerly.

497.37 Intersect line 1-2, Merrill lode of this survey,  
 at S. 72° 27' W. 392.20 ft. from Cor. No. 1.

627.30 To Cor. No. 3.

A redwood post, 4 ft. long, 4 ins. square, set  
 18 ins. in the ground, with mound of earth and rock, a  
 nail at the corner point, scribed E.-3-3300. Whence  
 Cor. No. 2, Merrill lode of this survey, bears  
 S. 18° 49' W. 146.10 ft.

No bearing objects available.

Thence N. 58° 41' E.

135.00 North End Center.

A redwood post, 4 ft. long, 4 ins. square, set  
 18 ins. in the ground, with mound of earth and rock, a  
 nail at the center point, scribed N. End C.-E-3300.

300.00 To Cor. No. 4.

Identical with Cor. No. 3, Elephant Fraction lode  
 of this survey, previously described.

No bearing objects available.

Thence S. 42° 41' E.

208.78 Intersect line 1-2, Merrill lode of this survey.  
 at S. 72° 27' W. 67.33 ft. from Cor. No. 1.

307.30 Gulch, 10 ft. wide, course easterly and westerly.

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

Variation at all corners 14° 40' E.

#### 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:

Yankee lode, 420 ft. S. 47° 10' 10" E. & 813.61 ft.  
 N. 47° 10' 10" W.



25

Annie lode, 400 ft. N. 53°57' W. & 1038 ft. S. 53°57' E.  
 Tonopah No. 1 lode, 345 ft. S. 53°57' E. & 1093 ft. N. 53°57' W.  
 Wheeler lode, 810 ft. S. 10°45' E. & 577.38 ft. N. 10°45' W.  
 Wheeler Fraction lode, 300 ft. N. 31°02' W. & 358.91 ft. S. 31°02' E.  
 Merrill lode, 825.10 ft. S. 10°45' E. & 521.50 ft. N. 10°45' W.  
 Gratiot lode, 525.10 ft. S. 10°45' E. & 710.24 ft. N. 10°45' W.  
 Elephant Fraction lode, 310 ft. S. 42°41' E. & 317.30 ft. N. 42°41' W.  
 Louise Fraction lode, 455.00 ft. S. 50°43' E. & 111.13 ft. N. 50°43' W.  
 Gold Range Extension lode, 867.09 ft. N. 37°27' W. & 500 ft. S. 37°27' E.  
 Gold Range Fraction lode, 200 ft. S. 41°11' E. & 1023.41 ft. N. 41°11' W.  
 Emma lode, 5 ft. S. 42°41' E. & 622.30 ft. N. 42°41' W.

A R E A S.

Total Area Yankee lode 13.687 Acres

Area in conflict with  
 C.O.D. lode, unsurveyed 0.337 Acres  
 Oversight lode, unsurveyed 1.828 "  
 Oversight lode, unsurveyed exclusive of its conflict with C.O.D. lode, unsurveyed 1.743 "

Total Area Annie lode 6.166 Acres

Area in conflict with -  
 Sur. No. 3281, Combination lode 0.018 Acres  
 Oversight lode, unsurveyed 0.197 "  
 Yankee lode of this survey 1.850 "  
 Yankee lode of this survey exclusive of its conflict with Oversight lode, unsurveyed 1.653 "  
 Survey No. 3281 Dollar Princess lode 0.028 "

Total Area Tonopah No. 1 lode 12.991 "

Area in conflict with -  
 Sur. No. 3281, Combination lode 0.000+ "  
 Sunshine lode, unsurveyed 0.043 "

Total Area Wheeler lode 15,750 "

Area in conflict with -  
 Oversight lode, unsurveyed 3,000 "  
 Yankee lode of this survey 0.323 "  
 Yankee lode of this survey exclusive of its conflict with Oversight lode, unsurveyed 0.141 "  
 Annie lode of this survey 0.133 "  
 Annie lode of this survey exclusive of its conflict with Oversight lode, unsurveyed 0.129 "  
 Annie lode of this survey exclusive of its conflict with Yankee lode of this survey .082 "  
 Annie lode of this survey exclusive of its conflict with Oversight lode, unsurveyed and Yankee lode of this survey .082 "  
 Tonopah No. 1 lode of this survey 0.069 "

Sur. No. 3284, Black Hawk Fraction lode	1.040 Acres	
Total Area Wheeler Fraction lode		3.959 Acres
Area in conflict with - Wheeler lode of this survey	1.692	"
Total Area Merrill lode		16.392 "
Area in conflict with - Tonopah No. 1 lode of this survey	1.347	" a
Sunshine lode, unsurveyed	0.156	" a
Sunshine lode, unsurveyed exclusive of its conflict with Tonopah No. 1 lode of this survey	0.156	"
Sur. No. 3284, Black Hawk Fraction lode	12.894	" a
Total Area Gratiot lode		11.263 "
Area in conflict with - Sunshine lode, unsurveyed	1.388	" a
Sur. No. 2903, Rising Sun lode	0.621	"
Sur. No. 3231, Monarch lode	0.615	" a
Sur. No. 3284, Black Hawk Fraction lode	0.843	"
Total Area Elephant Fraction lode		4.008 " a
Area in conflict with - Wheeler lode of this survey	1.047	" a
Merrill lode of this survey	0.626	" a
Sur. No. 3284, Black Hawk Fraction lode	1.949	" a
Sur. No. 3284, Black Hawk Fraction lode, exclusive of its conflict with Wheeler lode of this survey	1.423	"
Sur. No. 3284, Black Hawk Fraction lode, exclusive of its conflict with Merrill lode of this survey	1.323	"
Sur. No. 3284, Black Hawk Fraction lode, exclusive of its conflict with Wheeler and Merrill lodes of this survey	0.797	"
Total Area Louise Fraction lode		6.878 "
Area in conflict with - Gratiot lode of this survey	3.446	" a
Sunshine lode, unsurveyed	0.537	" a
Sunshine lode, unsurveyed exclusive of its conflict with Gratiot lode of this survey	0.151	" a
Sur. No. 3284, Black Hawk Fraction lode	0.011	"
Sur. No. 3284, Black Hawk Fraction lode, exclusive of its conflict with Gratiot lode of this survey	0.000+	"
Total Area, Gold Range Extension lode		16.615 "
Area in conflict with - Wheeler lode of this survey	1.059	" a
Wheeler Fraction lode of this survey	1.694	"
Wheeler Fraction lode of this survey, exclusive of its conflict with Wheeler lode of this survey	1.507	"

Total Area, Gold Range Fraction lode	14.250 Acres	a
Area in conflict with -		
Sur.No. 3284, Black Hawk Fraction lode	0.102 Acres	✓
North Aztec lode, unsurveyed	5.005	" a ✓
Total Area, Emma lode	4.236	"
Area in conflict with -		
Merrill lode of this survey	1.143	" a ✓
Sur. No. 3284, Black Hawk Fraction lode	4.206	" a ✓
Sur. No. 3284, Black Hawk Fraction lode, exclusive of its conflict with		
Merrill lode of this survey	3.063	"
North Aztec lode, unsurveyed	0.015	" a ✓
North Aztec lode, unsurveyed exclusive of its conflict with		
Sur. No. 3284, Black Hawk Fraction lode	0.014	" a ✓

The survey of each lode is identical with the respective locations as staked upon the ground.

#### LOCATION

This survey is located in the S.  $\frac{1}{2}$ , Sec. 14, and the N.  $\frac{1}{2}$ , Sec. 23, unapproved T. 19 N. R. 20 W. G. & S. R. B. & M.

#### ADJOINING CLAIMS

On the North:

Sunshine lode, unsurveyed, claimants unknown.

Sur. No. 3281, Combination and Dollar Princess lodes, claimants unknown, C.O.D., and Oversight lodes, unsurveyed, claimants unknown.

On the East:

North Aztec lode, unsurveyed, claimants unknown.

On the South:

North Aztec lode, unsurveyed, claimants unknown.

Sur. No. 3231, Monarch lode, Big Jim Gold Mining Company, claimant.

Sur. No. 2903, Rising Sun lode, Tom Reed Gold Mines Company, claimant.

On the West:

Sur. No. 3281, Combination and Dollar Princess lodes, claimants unknown, Sunshine lode unsurveyed claimant unknown, Sur. No. 3284, Black Hawk Fraction lode.

## 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 said mining claim by the claimant, or its grantors, is less than five hundred dollars, and that said improvements consist of:

On the Yankee lode:

No. 1 The discovery cut, the center of which is on the lode line 420 ft. N.  $47^{\circ} 10' 10''$  W. from the East End Center, 4.5 ft. wide, 8 ft. face, running north, 12 ft. from mouth to face, in mineralized andesite and quartz.

Value \$ 50.00

No. 2 A trench, the north end of which bears from the West End Center S.  $41^{\circ}$  W. 135 ft. 1.5 ft. wide, 4 ft. deep, running S.  $60^{\circ}$  W. 48 ft. in mineralized andesite and quartz.

Value \$ 50.00

On the Annie lode:

No. 1 The discovery cut, the center of which is on the lode line 400 ft. S.  $53^{\circ} 57'$  E. from the West End Center, 7 ft. wide, 8 ft. face, running S.  $40^{\circ}$  E. 7 ft. from mouth to face, in mineralized andesite and quartz.

Value \$ 50.00

On the Tonopah No. 1:

No. 1 The discovery shaft, which is on the lode line 345 ft. N.  $53^{\circ} 57'$  W. from the East End Center, 4 x 6 ft. 8 ft. deep, in mineralized andesite and quartz.

Value \$ 50.00

On the Wheeler lode:

No. 1 The discovery cut, the center of which is on the lode line 577.38 ft. S.  $10^{\circ} 45'$  E. from the north end center, 4 ft. wide, 10 ft. face, running S.  $25^{\circ}$  E. 13 ft. from mouth to face, in mineralized andesite and quartz.

Value \$ 60.00

On the Merrill lode:

No. 1 The discovery cut, the face of which is on the lode line 521.5 ft. S.  $10^{\circ}45'$  E. from the north end center 4 ft. wide, 10 ft. face, running S.  $6^{\circ}30'$  E. 17 ft. from face to mouth. From face a tunnel 4 x 6 ft. runs N.  $6^{\circ}30'$  W. - 10 ft., both in mineralized andesite and quartz.

Value of cut and tunnel \$ 175.00

No. 2 A shaft, which bears from Cor. No. 3, S.  $20^{\circ}55'$  E. 492 ft., 9 x 12 ft., 111 ft. deep, timbered, in andesite.

Value \$ 3330.00

This shaft is being sunk for the development of all the lodes of this group, and when completed an undivided 1/12 interest in the total cost will be assigned to each lode and the affidavit of improvements will be filed.

On the Gratiot lode:

No. 1 The discovery cut, the face of which is on the lode line 525.0ft. N.  $10^{\circ}45'$  W. from the South End Center, 4.5 ft. wide, 9.5 ft. face, running N.  $45^{\circ}$  W. 18 ft. from face to mouth, in mineralized andesite and quartz.

Value \$ 75.00

On the Elephant Fraction lode.

No. 1 The discovery cut, the mouth of which is on the lode line 310 ft. from the South End Center, 4 ft. wide, 10 ft. face, running S.  $42^{\circ}40'$  E. 16 ft. from mouth to face, in mineralized andesite and quartz.

Value \$ 75.00

On the Louise Fraction lode:

No. 1 The discovery shaft, which is on the lode line 111.13 ft. S.  $50^{\circ}43'$  E. from the West End Center, 4.5 x 8 ft. 8 ft. deep, in mineralized andesite and quartz.

Value \$ 60.00

No. 2 A cut, the mouth of which bears from the East end

- Center N.  $41^{\circ} 50'$  W. 165 ft. 6 ft. wide, 14 ft. long, 9 ft. face, in mineralized andesite and quartz.
- A shaft at face of cut, 4 x 6 ft. 7 ft. deep, in mineralized andesite and quartz.
- Value of cut and shaft \$ 125.00
- No. 3 A trench, the East End of which bears from Cor. No. 1, N.  $83^{\circ} 45'$  W. 340 ft. 4 ft. wide, 4 ft. deep, running from East End to West End S.  $47^{\circ}$  W. 36 ft. in gravel and rock.
- Value \$ 50.00
- On the Gold Range Extension lode:
- No. 1 The discovery cut, the mouth of which is on the lode line 500 ft. N.  $37^{\circ} 27'$  W. from the South End Center, 6 ft. wide, 11 ft. face, running N.  $40^{\circ}$  W. 14 ft. in mineralized andesite and quartz.
- Value \$ 75.00
- No. 2 A cut, the mouth of which bears from the South End Center N.  $46^{\circ}$  W. 340 ft. 4 ft. wide, 3.5 ft. face, running from mouth to face N.  $60^{\circ}$  W. 11 ft., in mineralized andesite and quartz.
- Value \$ 30.00
- No. 3 A shaft, which bears from South End Center N.  $37^{\circ}$  W. 90 ft. 6 x 9 ft. 37 ft. deep, timbered, in mineralized andesite and quartz.
- Value \$600.00
- No. 4 A shaft, which bears from North End Center S.  $46^{\circ} 20'$  E. 447 ft. 5 x 7 ft. 30 ft. deep, in mineralized andesite and quartz.
- Value \$500.00
- No. 5 A cut, the mouth of which bears from South End Center N.  $52^{\circ} 05'$  W. 250 ft. 5 ft. wide, 8 ft. face, running N.  $45^{\circ}$  W. 12 ft. from mouth to face, in earth and rock.
- Value \$ 50.00
- On the Gold Range Fraction lode:

No. 1 The discovery cut, the face of which is on the lode line 200 ft. N.  $41^{\circ} 11'$  W. from the South End Center, 5 ft. wide, 7 ft. face, running S.  $41^{\circ} 11'$  E. 12 ft. from face to mouth, in mineralized andesite and quartz.

Value \$ 60.00

the  
On Emma lode:

No. 1 The discovery cut, the mouth of which is on the lode line 5 ft., N.  $42^{\circ} 41'$  W. from the South End Center, 4 ft. wide, 10 ft. face, running S.  $58^{\circ} 40'$  W. 17 ft. from mouth to face, in mineralized andesite and quartz.

Value \$ 70.00

No. 2 A cut, the mouth of which bears from Cor. No. 3, S.  $52^{\circ} 10'$  E. 335 ft. 4 ft. wide, 7 ft. face, running S.  $52^{\circ} 10'$  E. 12 ft. from mouth to face, in mineralized andesite and quartz. Value,

\$ 50.00

On the Wheeler Fraction lode;

No. 1 The discovery cut, the mouth of which is on the lode line at S.  $31^{\circ} 02'$  E. 300 ft. from the North end center post, 4 ft. wide runs S.  $52^{\circ}$  W. 14 ft. to a 10 ft. face in mineralized andesite and quartz. Value, \$ 50.00

#### OTHER IMPROVEMENTS.

A shaft, which bears from the North End Center, Emma lode, S.  $42^{\circ} 40'$  E. 290 ft. 4 x 7 ft. 10 ft. deep, in mineralized andesite and quartz. Claimant unknown.

A shaft house, iron and frame, 44 x 30 ft., the N. W. Cor. of which bears from Cor. No. 3, Merrill lode, S.  $26^{\circ} 05'$  E. 490 ft. Course of long side S.  $85^{\circ} 20'$  E.

A change room, iron and frame, 10 x 20 ft., the S. W. Cor. of which bears from the N.E. Cor. of the shaft house N.  $71^{\circ} 35'$  E. 40 ft. Course of long side S.  $85^{\circ} 20'$  E.

A shop, iron and frame, 16 x 20 ft., the S.E. Cor. of which bears from the S. W. Cor. of the shaft house, S.  $80^{\circ} 30'$  W. 65 ft. Course of long side N.  $4^{\circ} 40'$  E.

A frame office building, 12 x 40 ft. the S. E. Cor. of which bears from the N. W. Cor. of the shafthouse N.  $8^{\circ} 15'$  W. 70 ft. Course of long side N.  $73^{\circ} 40'$  W.

These buildings belong to claimant herein.

#### INSTRUMENT

This survey was made with a C. L. Berger Mining transit. The courses were deflected from the true meridian as determined by direct solar observation. The distances were measured with 100 ft. and 500 ft. steel tapes.

#### REPORT

The lode line of each location in this Survey was run upon the ground and the corners established by means of offsets from the lode lines.

All ties and the connections to the corners of the public survey were run upon the ground and the courses and distances found to be as herein given.

The N. W. Cor. of Sec. 19 T. 19 N. R. 19 W. G. & S.R.B. & M., is an andesite rock showing 10 x 12 x 12 inches above a mound of earth and stone, chiseled with 3 notches on the N. side and 3 notches on the S. side, with a mound of stones 3 ft. high alongside.

The S.  $\frac{1}{4}$  Cor. Sec. 14, unapproved T. 19 N.R. 20 W G. & S.R. B. & M. is a 1 inch iron pipe with brass cap, properly set and marked.

Sur. No. 2903, Rising Sun lode.

All corners are pine posts, 4 ins. square, properly set and scribed. I find all courses and distances to be correct as approved.

Sur. No. 3231, Monarch lode.

Cor. Nos. 4-5-6- are pine posts, 4 ins. square, properly set and marked. I find all courses and distances to be correct as approved.

Sur. No. 3281, Dollar Princess and Combination lodes. I find all courses and distances to be correct as approved.

Cor. Nos. 3 and 4 are pine posts, 4 ins. square, properly set and marked.

C.O.D. lode unsurveyed.



The North, West and South corners are pine posts, 4 ins. square, properly set and marked.

Oversight lode, unsurveyed.

The North, West and South corners are pine posts, 4 ins. square, properly set and marked.

Sunshine lode, unsurveyed.

The North, East and South corners are pine posts, 4 ins. square, properly set and marked.

North Aztec lode, unsurveyed, the North, East and West corners are pine posts, 4 ins. square, properly set and marked.

Sur. No. 3284 Black Hawk Fraction lode.

All corners are redwood posts 4 ins. sq. properly set and scribed and I find all courses and distances to be correct as approved.

NOTE:- The disagreements between these field notes and the location certificates are due to errors in the latter.

JUL 26 1916 34

# FINAL OATHS FOR SURVEYS.

## LIST OF NAMES.

A list of the names of the individuals employed by Edward L. Haff

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

Oatman United Mines Company

known as the Yankee, Annie, Tonopah No. 1, Wheeler, Wheeler Fraction, Merrill, Gratiot, Elephant Fraction, Louise Fraction, Gold Range Extension, Gold Range Fraction, Emma lodes.  
and showing the respective capacities in which they acted.

R. L. D'ARCY, Chainman.

....., Chainman.

....., Axman.

....., Flagman.

## FINAL OATHS OF ASSISTANTS.

~~XX~~ I, R. L. D'ARCY

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

Edward L. Haff, United States ~~Deputy~~ Mineral Surveyor, in marking the corners and surveying the boundaries of the mining claim of

Oatman United Mines Company

known as the Yankee, Annie, Tonopah No. 1, Wheeler, Wheeler Fraction, Merrill, Gratiot, Elephant Fraction, Louise Fraction, Gold Range Extension, Gold Range Fraction, Emma 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 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.

R. L. D'Arcy, Chainman.

....., Chainman.

....., Axman.

....., Flagman.

Subscribed and sworn to by the above-named persons before me this 24<sup>th</sup>

day of July, 19 16

Bruce Glendon  
Notary Public

*My commission expires May 1st 1920.*

JUL 26 1916 35

DEC 21 1916

(4-686.)

FINAL OATH OF U. S. DEPUTY MINERAL SURVEYOR

I, EDWARD L. HAFF, U. S. Deputy Mineral Surveyor, do solemnly swear that, in pursuance of instructions received from the United States Surveyor General for ARIZONA, dated May 18, 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 OATMAN UNITED MINES COMPANY

known as the Yankee, Annie, Tonopah No. 1, Wheeler, Wheeler Fraction, Merrill, Gratiot, Elephant Fraction, Louise Fraction, Gold Range Extension, Gold Range Fraction, Emma lodes. San Francisco Mining District, situate in Mohave County, Arizona, in Sections 14 & 23 Township No. 19 N., Range No. 20 W., G. & S.R.B. & M. Unapp'd. and designated as Survey No. 3300, 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 its 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.

Edward L. Haff
U. S. Deputy Mineral Surveyor.

Subscribed and sworn to by the said Edward L. Haff, U. S. Deputy Mineral Surveyor, before me Bruce Glidden a Notary Public in and for Mohave County, Arizona this 24th day of July 1916

Bruce Glidden
Notary Public

My Commission expires May 1st 1920.

Recorded at the request of Oatman United Mines Company at One o'clock P.M., May 12th, 1916, in Book P.P. of Mining Claims, page \_\_\_\_\_, Records of Mohave County, Arizona.

J. W. Morgan, County Recorder.  
By Thos. McNeely, Deputy.

# Amended Location Certificate

KNOW ALL MEN BY THESE PRESENTS, That Oatman United Mines Company  
by B. W. McClosky

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 Yankee..... Lode, claiming by right of discovery, location, primal appropriation and possession ..... 1230.80..... feet, linear and horizontal measurement, on this vein or lode of quartz, or other rock in place, bearing ..... gold, silver..... and other valuable minerals, with all dips, variations and angles the same being ..... 420..... feet along the ledge in a S. 47° 10' 10" E. direction from the discovery cut and 810.80..... feet along the ledge in N. 47° 10' 10" 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~~..... and more particularly described as follows, to-wit:

Beginning at the southwest corner

Whence the S. 1/4 Cor. of Sec. 14, T. 19 N. R. 20 W. bears S. 51° 55' 30" W. 1181.59 ft.

Thence N. 47° 10' 10" W. 1230.80 ft. to the northwest corner.

Thence N. 45° 33' E. 262.12 ft. to the northwest end center.

Thence N. 45° 33' E. 267.50 ft. to the northeast corner.

Thence S. 42° 55' E. 1232.67 ft. to the southeast corner.

Thence S. 45° 33' W. 175.97 ft. to the southeast end center.

Thence S. 45° 33' W. 262.12 ft. to the place of beginning.

All corners are marked by 4 x 4" posts.

by H. G. Fuller

THIS AMENDED LOCATION is made in conformity with the original location, made / January 30, 1915....., recorded April 15, 1915....., in Book K.K......, Page 45....., 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 30,..... A. D. 1915.

Date of Amended Location April 15,..... A. D. 1916.

Attest

Oatman United Mines Company

By B. W. McCloskey

Recorded at the request of Oatman United Mines Company at One o'clock P.M., May 12th, 1916, in Book P.P. of Mining Claims, page \_\_\_\_\_, Records of Mohave County, Arizona.

J. W. Morgan, County Recorder.  
By Thos. McNeely, Deputy.

# Amended Location Certificate

KNOW ALL MEN BY THESE PRESENTS, That Oatman United Mines Company,

by B. W. McClosky

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 Annie ..... Lode, claiming by right of discovery, location, primal appropriation and possession ..... 1438 ..... feet, linear and horizontal measurement, on this vein or lode of quartz, or other rock in place, bearing gold, silver ..... and other valuable minerals, with all dips, variations and angles the same being ..... 400 ..... feet along the ledge in a N. 53° 57' W. direction from the discovery ~~cuts~~ and ..... 1038 ..... feet along the ledge in a S. 53° 57' 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~~ ..... and more particularly described as follows, to-wit:

Beginning at the southwest corner

Whence the S. 1/4 Cor. of Sec. 14, T. 19 N. R. 20 W. bears S. 48° 46' 20" W. 1122.82 ft.

Thence N. 53° 57' W. 1438 ft. to the northwest corner.

Thence N. 43° 05' E. 20 ft. to the northwest end center.

Thence N. 43° 05' E. 168.19 ft. to the northeast corner.

Thence S. 53° 57' W. 1438 ft. to the southeast corner.

Thence S. 43° 05' W. 168.19 ft. to the southeast end center.

Thence S. 43° 05' W. 20 ft. to the place of beginning.

All corners are marked by 4 x 4" posts.

Mrs. Horace Fuller

THIS AMENDED LOCATION is made in conformity with the original location, made August 21, 1915, recorded September 23, 1915, in Book L.L., Page 105, 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 August 21, 1915 A. D. 1915

Date of Amended Location April 15, 1916 A. D. 1916

Attest

Oatman United Mines Company

B. W. McCloskey

Recorded at the request of Oatman United Mines Company at One o'clock P.M., May 12th, 1916, in Book P.P. of Mining Claims, page \_\_\_\_\_, Records of Mohave County, Arizona.

J. W. Morgan, County Recorder.  
By Thos. McNeely, Deputy

# Amended Location Certificate

KNOW ALL MEN BY THESE PRESENTS, That Oatman United Mines Company, by B. W. McClosky

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 Tonopah No. 1 Lode, claiming by right of discovery, location, primal appropriation and possession 1438 feet, linear and horizontal measurement, on this vein or lode of quartz, or other rock in place, bearing gold, silver and other valuable minerals, with all dips, variations and angles the same being 345 feet along the ledge in a S. 53° 57' E. direction from the discovery ~~xxx~~ shaft and 1093 feet along the ledge in a N. 53° 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, ~~x~~ and more particularly described as follows, to-wit:

Beginning at the southwest corner

Whence the S. 1/4 Cor. of Sec. 14, T. 19 N. R. 20 W. bears S. 51° 51' 40" W. 729.34 ft.

Thence N. 53° 57' W. 1438 ft. to the northwest corner.

Thence N. 43° 05' E. 242.1 ft. to the northwest end center.

Thence N. 43° 05' E. 154.40 ft. to the northeast corner.

Thence S. 53° 57' E. 1438 ft. to the southeast corner.

Thence S. 43° 05' W. 154.40<sup>ft</sup> to the southeast end center.

Thence S. 43° 05' W. 242.1 ft. to the place of beginning.

All corners are marked by 4 x 4" posts.

by A. L. Nielson, C. L. Lunceford and H. G. Fuller

THIS AMENDED LOCATION is made in conformity with the original location, made/ January 23, 1915, recorded April 24, 1915, in Book K.K., Page 77, 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 23, 1915 A. D. 1915

Date of Amended Location April 15, 1916 A. D. 1916

Attest

Oatman United Mines Company  
B. W. McCloskey

Recorded at the request of Oatman United Mines Company at One o'clock<sup>39</sup>  
P.M., May 12th, 1916, in Book P.P. of Mining Claims, page \_\_\_\_\_, Records of  
Mohave County, Arizona.

J. W. Morgan, County Recorder.  
By Thos. McNeely, Deputy.

## Amended Location Certificate

KNOW ALL MEN BY THESE PRESENTS, That Oatman United Mines Company  
By B. W. McClosky

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 Wheeler Lode, claiming by right of discovery, location, primal appropriation and possession 1385.88 feet, linear and horizontal measurement, on this vein or lode of quartz, or other rock in place, bearing gold, silver and other valuable minerals, with all dips, variations and angles the same being 810 feet along the ledge in a S. 10° 45' E. direction from the discovery cut and 575.88 feet along the ledge in a N. 10° 45' 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~~ and more particularly described as follows, to-wit:

Beginning at the northwest corner

Whence the S.  $\frac{1}{4}$  Cor. of Sec. 14, T. 19 N. R. 20 W. bears S. 44° 33' 30" W. 1108.17 ft.

Thence N. 72° 27' E. 278 ft. to the northwest end center.

Thence N. 72° 27' E. 220 ft. to the northeast corner.

Thence S. 10° 45' E. 1385.88 ft. to the southeast corner.

Thence S. 72° 27' W. 220 ft. to the southeast end center.

Thence S. 72° 27' W. 278 ft. to the southwest corner.

Thence N. 10° 45' W. 1385.88 ft. to the place of beginning.

All corners and end centers are marked by 4 x 4" posts.

Amended December 23, 1915, Recorded March 23, 1916, Book I. I. page 777-778.

By Carl Pröstel

THIS AMENDED LOCATION is made in conformity with the original location, made January 3, 1915, recorded 1, in Book J. J., Page 560, 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 3, A. D. 1915

Date of Amended Location April 15, A. D. 1916.

Attest

Oatman United Mines Company

By B. W. McCloskey

Recorded at the request of Oatman United Mines Company at One o'clock P.M., May 12th, 1916, in Book P.P. of Mining Claims, page \_\_\_\_\_, Records of Mohave County, Arizona.

J. W. MORGAN, County Recorder.  
By Thos. McNeely, Deputy.

# Amended Location Certificate

KNOW ALL MEN BY THESE PRESENTS, That Oatman United Mines Company

By B. W. McClosky

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 Wheeler Fraction

Lode, claiming by right of discovery, location, primal appropriation and possession 658.91 feet, linear and horizontal measurement, on this vein or lode of quartz, or other rock in place, bearing gold, silver and other valuable minerals, with all dips, variations and angles the same being 358.91 feet along the ledge in a S. 31° 02' E. direction from the discovery cut and 300 feet along the ledge in a N. 31° 02' 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, ix and more particularly described as follows, to-wit:

Beginning at the northwest corner

Whence the S. ¼ Cor. Sec. 14, T. 19 N. R. 20 W. bears

S. 83° 01' 50" W. - 1181.86 ft.

Thence N. 72° 27' E. 160 ft. to the northwest end center.

Thence N. 72° 27' E. 70 ft. to the northeast corner.

Thence S. 37° 27' E. 681.43 ft. to the southeast corner.

Thence S. 72° 27' W. 148.35 ft. to the southeast end center.

Thence S. 72° 27' W. 160 ft. to the southwest corner.

Thence N. 31° 02' W. 658.91 ft. to the place of beginning.

All corners and end centers, except the southeast corner, are marked by 4 x 4" posts. From the southeast end center N. 72° 27' E. 48.14 ft. a 4 x 4" post is set as witness corner to the southeast corner.

by J. E. Leeper

THIS AMENDED LOCATION is made in conformity with the original location, made November 21, 1915, recorded January 24, 1916, in Book N.N., Page 263, 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 November 21, A. D. 1915

Date of Amended Location April 15, A. D. 1916.

Attest \_\_\_\_\_ Oatman United Mines Company

By B. W. McCloskey





Recorded at the request of Oatman United Mines Company at One o'clock P.M., May 12th, 1916, in Book P.P. of Mining Claims, page \_\_\_\_\_, Records of Mohave County, Arizona.

J. W. Morgan, County Recorder.  
By Thos. McNeely, Deputy.

# Amended Location Certificate

KNOW ALL MEN BY THESE PRESENTS, That ~~Oatman United Mines Company~~

By ~~B. W. McClosky~~

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 Merrill Lode, claiming by right of discovery, location, primal appropriation and possession 1345.1

feet, linear and horizontal measurement, on this vein or lode of quartz, or other rock in place, bearing gold, silver and other valuable minerals, with all dips, variations and angles the same being 825.1

feet along the ledge in a S. 10° 45' E. direction from the discovery ~~cut~~ and 520 feet along the ledge in a N. 10° 45' 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, ~~XX~~ and more particularly described as follows, to-wit:

**Beginning at the northwest corner**

Whence the S.  $\frac{1}{4}$  Cor. of Sec. 14, T. 19 N. R 20 W. bears S. 25° 07' 40" W. 650.05 ft.

Thence N. 72° 27' E. 302 ft. to the northwest end center.

Thence N. 72° 27' E. 232 ft. to the northeast corner.

Thence S. 10° 45' E. 1345.10 ft. to the southeast corner.

Thence S. 72° 27' W. 232 ft. to the southeast end center.

Thence S. 72° 27' W. 302 ft. to the southwest corner.

Thence N. 10° 45' W. 1345.10 ft. to the place of beginning.

All corners and end centers are marked by 4 x 4" posts.

by Carl Prostel

THIS AMENDED LOCATION is made in conformity with the original location, made/ January 3, 1915, recorded ..... 1....., in Book J.J., Page 559, 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 3, A. D. 1915

Date of Amended Location April 15, A. D. 1916

Attest

Oatman United Mines Company

By B. W. McCloskey

Recorded at the request of Oatman United Mines Company at One o'clock P.M., May 12th, 1916, in Book P.P. of Mining Claims, page \_\_\_\_\_, Records of Mohave County, Arizona.

J. W. Morgan, County Recorder.  
By Thos. McNeely, Deputy.

# Amended Location Certificate

MAY 18 1916

KNOW ALL MEN BY THESE PRESENTS, That Oatman United Mines Company

by B. W. McClosky

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 second amended location of the Gratiot Lode, claiming by right of discovery, location, primal appropriation and possession 1233.74 feet, linear and horizontal measurement, on this vein or lode of quartz, or other rock in place, bearing gold, silver and other valuable minerals, with all dips, variations and angles the same being 525 feet along the ledge in a S. 10° 45' E. direction from the discovery point and 708.74 feet along the ledge in a N. 10° 45' 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~~ and more particularly described as follows, to-wit:

Beginning at the northwest corner

Whence the S. 1/4 Cor. of Sec. 14, T. 19 N. R. 20 W., bears S. 13° 16' 30" E. 368.35 ft.

Thence N. 72° 27' E. 302 ft. to the northwest end center.

Thence N. 72° 27' E. 98 ft. to the northeast corner.

Thence S. 10° 45' E. 1233.74 ft. to the southeast corner.

Thence S. 72° 27' W. 98 ft. to the southeast end center.

Thence S. 72° 27' W. 302 ft. to the southwest corner.

Thence N. 10° 45' W. 1233.74 ft. to the place of beginning.

All corners are marked by 4 x 4" posts.

This claim was amended by Carl Proestel, December 23, 1915, Recorded March 23, 1916, Book I.I. page 779.

by Carl Proestel

THIS AMENDED LOCATION is made in conformity with the original location, made January 3, 1915, recorded February 8, 1915, in Book J.J., Page 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 January 3, A. D. 1 915

Date of Amended Location April 15 A. D. 1916.

Attest

Oatman United Mines Company.

By B. W. McCloskey

Recorded at the request of Oatman United Mines Company at One o'clock P.M., May 12th, 1916, in Book P.P. of Mining Claims, page \_\_\_\_\_, Records of Mohave County, Arizona.

J. W. Morgan, County Recorder.  
By Thos. McNeely, Deputy.

# Amended Location Certificate

KNOW ALL MEN BY THESE PRESENTS, That Oatman United Mines

Company, by B. W. McClosky

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 Elephant Fraction Lode, claiming by right of discovery, location, primal appropriation and possession ..... 627.30 ..... feet, linear and horizontal measurement, on this vein or lode of quartz, or other rock in place, bearing gold, silver ..... and other valuable minerals, with all dips, variations and angles the same being ..... 310 ..... feet along the ledge in a S. 42° 41' E. ..... direction from the discovery cut and 317.30 ..... feet along the ledge in a N. 42° 41' 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~~ ..... and more particularly described as follows, to-wit:

Beginning at the northwest corner

Whence the 1/4 section corner between Secs. 14 and 23, T. 19,

N. R. 20 W. bears N. 62° 02' W. 938.53 ft.

Thence N. 58° 41' E. 195 ft. to the northwest end center.

Thence N. 58° 41' E. 117.60 ft. to the northeast corner.

Thence S. 37° 27' E. 618.54 ft. to the southeast corner.

Thence S. 58° 41' W. 60.06 ft. to the southeast end center.

Thence S. 58° 41' W. 195 ft. to the southwest corner.

Thence N. 42° 41' W. 627.30 ft. to the place of beginning.

All corners are marked by 4 x 4" posts.

by Carl Prostel

THIS AMENDED LOCATION is made in conformity with the original location, made / October 11 1915, recorded October 18, 1915, in Book I.I., Pages 279-280 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 October 11 ..... A. D. 1 915.

Date of Amended Location April 15 ..... A. D. 19 16.

Attest:

Oatman United Mines Company

By B. W. McCloskey

Recorded at the request of Oatman United Mines Company at One o'clock P.M., May 12th, 1916, in Book P.P. of Mining Claims, page \_\_\_\_\_, Records of Mohave County, Arizona.

J. W. Morgan, County Recorder.  
By Thos. McNeely, Deputy.

# Amended Location Certificate

KNOW ALL MEN BY THESE PRESENTS, That Oatman United Mines Company,  
by B. W. McClosky

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 Louise Fraction Lode, claiming by right of discovery, location, primal appropriation and possession 632.40 feet, linear and horizontal measurement, on this vein or lode of quartz, or other rock in place, bearing gold, silver and other valuable minerals, with all dips, variations and angles the same being 482.40 feet along the ledge in a S. 50°42'E. direction from the discovery ~~rock~~ shaft and 150 feet along the ledge in a N. 50° 42' 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, ~~is~~ and more particularly described as follows, to-wit:

Beginning at the northeast corner

Whence the S.  $\frac{1}{4}$  Cor. of Sec. 14, T. 19 N. R. 20 W. bears S. 13° 27' 40" E. 348.38 ft.

Thence S. 50° 42' E. 632.40 ft. to the southeast corner.

Thence S. 39° 18' W. 300 ft. to the southeast end center.

Thence S. 39° 18' W. 229.71 ft. to the southwest corner.

Thence N. 50° 42' W. 632.40 ft. to the northwest corner.

Thence N. 39° 18' E. 229.71 ft. to the northwest end center.

Thence N. 39° 18' E. 300 ft. to the place of beginning.

All corners and end centers are marked by 4 x 4" posts.

by Carl Pröstel

THIS AMENDED LOCATION is made in conformity with the original location, made March 31, 1915, recorded 1, in Book K.K., Page 54, 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 31, A. D. 1915.

Date of Amended Location April 15, A. D. 1916.

Attest

Oatman United Mines Company

By B. W. McCloskey

Recorded at the request of Oatman United Mines Company at One o'clock P.M., May 12th, 1916, in Book P.P. of Mining Claims, page \_\_\_\_\_, Records of Mohave County, Arizona.

J. W. Morgan, County Recorder.  
By Thos. McNeely, Deputy.

45<sup>10</sup>

# Amended Location Certificate

KNOW ALL MEN BY THESE PRESENTS, That Oatman United Mines Company  
by B. W. McClosky

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 Gold Range Extension Lode, claiming by right of discovery, location, primal appropriation and possession 1367.09 feet, linear and horizontal measurement, on this vein or lode of quartz, or other rock in place, bearing gold, silver and other valuable minerals, with all dips, variations and angles the same being 500 feet along the ledge in a S. 37° 27' E. direction from the discovery stake and 867.09 feet along the ledge in a N. 37° 27' 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, x and more particularly described as follows, to-wit:

Beginning at the southwest corner  
Whence the S.E. corner, Sec. 23, T. 19 N. R. 20 W. bears S. 27° 51' 20" E. 1255.91 ft.  
Thence N. 37° 27' W. 1367.09 ft. to the northwest corner.  
Thence N. 48° 43' E. 230 ft. to the northwest end center.  
Thence N. 48° 43' E. 300.60 ft. to the northeast corner.  
Thence S. 37° 27' E. 1367.09 ft. to the southeast corner.  
Thence S. 48° 43' W. 300.60 ft. to the southeast end center.  
Thence S. 48° 43' W. 230 ft. to the place of beginning.

All corners and end centers are 4 x 4" posts.

..... by George Hartman

THIS AMENDED LOCATION is made in conformity with the original location, made/ January 1, 1915, recorded March 11 1915, in Book J.J., Page 637, 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 1, A. D. 1915.

Date of Amended Location April 15, A. D. 1916.

Attest ..... Oatman United Mines Company

..... By B. W. McCloskey



Recorded at the request of Oatman United Mines Company at One o'clock P.M., May 12th, 1916, in Book P.P. of Mining Claims, page \_\_\_\_\_, Records of Mohave County, Arizona.

J. W. Morgan, County Recorder.  
By Thos. McNeely, Deputy.

# Amended Location Certificate

KNOW ALL MEN BY THESE PRESENTS, That Oatman United Mines Company  
by B. W. McClosky

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 Gold Range Fraction the \_\_\_\_\_ Lode, claiming by right of discovery, location, primal appropriation and possession 1223.41 feet, linear and horizontal measurement, on this vein or lode of quartz, or other rock in place, bearing gold, silver and other valuable minerals, with all dips, variations and angles the same being 200 feet along the ledge in a S. 41° 11' E. direction from the discovery cut and 1023.41 feet along the ledge in a N. 41° 11' 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~~ and more particularly described as follows, to-wit:

- Beginning at the southeast corner
- Whence the S.E. Cor. Sec. 23, T. 19 N. R. 20 W. bears S. 25° 07' E. 980 ft.
- Thence S. 58° 41' W. 174.96 ft. to the southeast end center.
- Thence S. 58° 41' W. 300 ft. to the southwest corner.
- Thence N. 41° 11' W. 1223.41 ft. to the northwest corner.
- Thence N. 58° 41' E. 300 ft. to the northwest end center.
- Thence N. 58° 41' E. 255.06 ft. to the northeast corner.
- Thence S. 37° 27' E. 1367.09 ft. to the place of beginning.

All corners and end centers are marked by 4 x 4" posts.

by George Hartman

THIS AMENDED LOCATION is made in conformity with the original location, made February 5, 1915, recorded March 11, 1915, in Book J.J., Page 638, 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 February 5, A. D. 1915  
Date of Amended Location April 15, A. D. 1916

Attest \_\_\_\_\_ Oatman United Mines Company  
By B. W. McCloskey

47 12

Recorded at the request of Oatman United Mines Company at One o'clock P.M., May 12th, 1916, in Book P.P. of Mining Claims, page \_\_\_\_\_, Records of Mohave County, Arizona.

J. W. Morgan, County Recorder.  
By Thos. McNeely, Deputy.

## Amended Location Certificate

KNOW ALL MEN BY THESE PRESENTS, That Oatman United Mines Company

By B. W. McClosky

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 Emma Lode, claiming by right of discovery, location, primal appropriation and possession 627.3 feet, linear and horizontal measurement, on this vein or lode of quartz, or other rock in place, bearing gold, silver and other valuable minerals, with all dips, variations and angles the same being 5 (five) feet along the ledge in a S. 42° 41' E. direction from the discovery ~~cut~~ and 622.30 feet along the ledge in a N. 42° 41' 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, ~~x~~ and more particularly described as follows, to-wit:

Beginning at the northeast corner

Whence the N.  $\frac{1}{4}$  Cor., Sec. 23, T. 19 N. R. 20 W. bears <sup>N.</sup> 62° 02' W. 938.53 ft.

Thence S. 42° 41' E. 627.30 ft. to the southeast corner.

Thence S. 58° 41' W. 155 ft. to the southeast end line.

Thence S. 58° 41' W. 145 ft. to the southwest corner.

Thence N. 42° 41' W. 627.30 ft. to the northwest corner.

Thence N. 58° 41' E. 145 ft. to the northwest end center.

Thence N. 58° 41' E. 155 ft. to the place of beginning.

All corners are marked by 4 x 4" posts.

by Carl Proestel

THIS AMENDED LOCATION is made in conformity with the original location, made March 20 1.915, recorded April 16 1.915, in Book K.K., Page 53, 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 20, A. D. 1915

Date of Amended Location April 15 A. D. 1916.

Attest

Oatman United Mines Company

By B. W. McCloskey

RECORDER'S CERTIFICATE.

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

I, J. W. Morgan, Recorder of Mohave County, State of Arizona, do hereby certify that I have compared the foregoing copies of amended location certificates of the  
GRATIOT, MERRILL, WHEELER, GOLD RANGE EXTENSION,  
GOLD RANGE FRACTION, YANKEE, EMMA, LOUISE FRACTION,  
TONOPAH NO. 1, ANNIE, ELEPHANT FRACTION and  
WHEELER FRACTION - - - - -

lode mining claims, located and situated 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 15th day of  
May, A. D. 1916.

J. W. MORGAN  
Recorder of Mohave County,  
State of Arizona.

By J. J. Morgan  
Deputy.





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,

July 21, 1917.

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

OATMAN UNITED MINES COMPANY

known as the YANKEE, ANNIE, TONOPAH NO.1, WHEELER, WHEELER FRACTION, MERRILL, GRATIOT, ELEPHANT FRACTION, LOUISE FRACTION, GOLD RANGE EXTENSION, GOLD RANGE FRACTION, EMMA LODES.

situate in SAN FRANCISCO mining district, MOHAVE County, ARIZONA.

unapp'd. in Section s 14 & 23, Township No. 19 N., Range No. 20 W.

designated as Survey No. 3300

executed by Edward L. Haff, U. S. Deputy Mineral Surveyor, June 1-July 20, 1916, under my instructions dated

May 18, 1916, have been critically examined and the necessary corrections 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 P. Trott,

U. S. Surveyor-General for Arizona.

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,

July 21, 1917.

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

CATMAN UNITED MINES COMPANY

known as the YANKEE, ANNIE, TONOPAH NO. 1, WHEELER, WHEELER FRACTION, MERRILL, GRATIOT, ELEPHANT FRACTION, LOUISE FRACTION, GOLD RANGE EXTENSION, GOLD RANGE FRACTION, EMMA LODES.

situate in SAN FRANCISCO mining district,

MOHAVE County, ARIZONA.

in Section s 14&23, unapp'd, Township No. 19 N., Range No. 20 W.,

designated as Survey No. 3300

executed by Edward L. Haff, U. S. Deputy Mineral

Surveyor, June 1-July, 20, 1916, under my instructions dated

May 18, 1916, 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.

[Handwritten signature]

U. S. Surveyor-General for Arizona.

(4-691.)

# Certificate of U. S. Surveyor General

AS TO

EXPENDITURES REPORTED AFTER RETURN OF SURVEY OF MINING CLAIM.

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

do hereby certify that Five Hundred Dollars' worth of labor has been expended or improvements made by claimant or its grantors, or for each of upon the mining claims of Oatman United Mines Company, known as the YANKEE, ANNIE, TONOPAH NO.1, WHEELER, WHEELER FRACTION, MERRILL, GRATIOT, ELEPHANT FRACTION, LOUISE FRACTION, GOLD RANGE EXTENSION, GOLD RANGE FRACTION, EMMA Lodes, situate in San Francisco mining district, Mohave County, Arizona in Sections 14 & 23, Township No. 19 N, Range No. 20 W.; that said improvements consist of 14 cuts, 2 trenches, 6 shafts, 1 tunnel, 2 drifts and 2 crosscuts, total value \$24,385.

As improvement No.2 on the Merrill lode constitutes a common improvement for developing this entire group of claims. an undivided 1/12th interest therein, value \$1840, is properly credited to each of the claims in this survey.

....., and that no portion of said labor or improvements has been included in the estimate of expenditures upon any other claim. A copy of the report of Edward L. Haff, U. S. Deputy Mineral Surveyor, dated September 22, 1917, is hereto attached.



U. S. Surveyor General for Arizona.

Office of U. S. Surveyor General,  
Phoenix, Arizona,

October 1, 1917.

MINERAL SURVEY NO. 3300

S U P P L E M E N T A L A F F I D A V I T  
O F  
F I V E H U N D R E D D O L L A R S E X P E N D I T U R E

Upon the Mining Claim of

Oatman United Mines Company

Known as the

YANKEE, ANNIE, TONOPAH NO.1, WHEELER, WHEELER FRACTION ,  
MERRILL , GRATIOT , ELEPHANT FRACTION, LOUISE FRACTION ,  
GOLD RANGE EXTENSION, GOLD RANGE FRACTION, and EMMA  
Lode Mining Claims.

SAN FRANCISCO MINING DISTRICT

MOHAVE COUNTY, ARIZONA.

by

EDWARD L. HAFF

U. S. Mineral Surveyor.

SEP. 24 1917

Mineral Survey No. 3300  
SUPPLEMENTAL REPORT OF IMPROVEMENTS

I certify that the value of the labor performed and improvements made upon, or for the benefit of the claims embraced in Mineral Survey No. 3300 by the claimant or its grantors is not less than five hundred dollars for each lode claim and that said improvements, in addition to those which were reported at the time of making the survey, consist of the following :-

On the MERRILL Lode, Improvement No. 2;

Said shaft, which is 4 1/2 x 9 ft. in the clear timbered with 8 x 8 in. square sets and lagging, has been extended 284 ft. to a total depth of 395 ft.

At the 375 ft. level, a cross-cut 5 x 7 ft. runs S. 75° W to point No. 1; Whence a drift 5 x 7 ft. runs S. 30° E. 32 ft. to face on a mineralized quartz vein in andesite. Thence from point No. 1 S. 75° W. 88 ft. to face of cross-cut.

Also at the 375 ft. level in said shaft, a cross-cut 5 x 7 ft. extends N. 82° E. 23 ft. to point No. 2; Whence a drift 4 1/2 x 7 ft. runs S. 40° E. 53 ft. to face, on a mineralized quartz vein in andesite.

Thence from point No. 2, N. 60° E. 257 ft. to face of cross-cut.

Value of additional work in shaft -- \$8520.00  
Value of former work in shaft ----- 3300.00  
Value of drifts and cross-cuts ----- 10230.00

Total value of improvement ----- \$22080.00

This shaft with the drifts and cross-cuts therefrom is being worked for the joint economic development of the entire group embraced in this survey.

The shaft is centrally located and by extending the shaft, with drifts and cross-cuts therefrom, toward and under all of said claims, the entire group can be advantageously developed and ore extracted therefrom.

This improvement is therefore a common improvement for the benefit of each lode of the group, and a 1/12 undivided interest in the total value of this improvement (\$ 22080.00) is properly accredited to each lode of the group.

Value of a 1/12 interest credited to  
each lode ----- \$ 1840.00

Dated September 22 - 1917

Edward L. Haff  
U. S. Mineral Surveyor

I, Edward L. Haff, U.S. Mineral Surveyor for the District of Arizona, being first duly sworn, depose and say that the above supplemental report is true and correct, and that the improvements mentioned therein were made and completed prior to the date of the expiration of the publication of the Notice of Application for Patent to the lands embraced within Mineral Survey No. 3300.

Edward L. Haff  
U. S. Mineral Surveyor

State of Arizona( ) ss  
County of Mohave)

Subscribed and sworn to by said Edward L. Haff, before me, a Notary Public, in and for the County of Mohave, State of Arizona, this 27 day of September, A. D. 1917

Paul C. Thorne  
Notary Public

*My Commission Expires Oct. 8, 1919.*

SUPPLEMENTAL SHEET TO FIELD NOTES OF MINERAL  
SURVEY NO. 3300.

Beginning at Corner No. 1, Gold Range Fraction  
lode, thence N.  $37^{\circ} 27'$  W. 281.10 feet, thence S.  $48^{\circ}$   
 $43'$  W. 58.10 ft., thence S.  $41^{\circ} 42'$  E. 274.29 ft.,  
thence N.  $58^{\circ} 41'$  E. 37.60 feet,

I certify that the above correctly describes a  
certain tract which is to be excluded from Entry 036727  
as described in letter "N" of April 5, 1923, from the  
Commissioner of the General Land Office; that said  
tract as described contains .303 acres, and that the  
plats of Survey 3300 on file in the General Land Office,  
the local land office and this office, have been amended  
to show such tract.

U. S. Surveyor General  
for Arizona.

Phoenix, Arizona,

April 12, 1923.