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4-683.

MINERAL SURVEY No. 2724

LOT No.

Arizona Land District.

FIELD NOTES

OF THE SURVEY OF THE MINING CLAIM OF

Nathan L. Amster

KNOWN AS THE

EMpire Mine, Charleston, Durand, Dandy, Elizabeth, Copper Belle, Joe,
Oak Grove, and Katherine A.

Turquoise Mining District,

Cochise County,

Section -----, Township 19 S., Range 25 E., unsurveyed.

Surveyed under instructions dated Dec. 31, 19 09

by Lamar Cobb
U. S. Mineral Surveyor.

Claim located see location notices, 19

Survey commenced Jan. 6, 1910

Survey completed Jan. 7, 1910

6-322

Address of claimant's Atty.,

Ad. Fen S. Hildreth,

Phoenix, Arizona.

Phoenix, Arizona.

Survey No. 2724

Feet.	Copper Belle lode
	Beginning at Cor. No. 1 Identical with Cor. No. 2 Empire Mine lode, of this survey. A pine post 3.5 ft high, 4 ins. square, with mound of stone, scribed C B-1, E-2-2724, whence U.S.M.M. No. 1 bears N. 00° 46' 40" E. 2896.3 ft.
	N. E. Cor. ----- Thence S. 57° 40' W.
300.6	Intersect line 3-4, Sur. No. 2184, George Washington lode, at S. 73° 47' W. 289.02 ft. from Cor. No. 3. and line 5-1, Sur. No. 2184, Roadside lode, at S. 73° 47' W. 11.82 ft. from Cor. No. 1.
304.3	North center end of the location and of the lode.
536.12	Intersect line 3-2, Sur. No. 2184, Hurricane lode, at S. 12° 55' E. 65.42 ft. from Cor. No. 2.
566.14	Intersect line 4-5, Sur. No. 2184, Roadside lode, at S. 7° 40' W. 80.54 ft. from Cor. No. 5.
608.6	To Cor. No. 2. A pine post 4 ins. square, 3 ft. above ground, with mound of stone scribed C B - 2 - 2724, whence, U.S.M.M. No. 1 bears N. 9° 45' E. ----- Thence S. 42° 49' E.
42.18	Intersect line 4-5, Sur. No. 2184, Roadside lode, at S. 7° 40' W. 134.69 ft. from Cor. No. 5.
137.17	Intersect line 2-3, Sur. No. 2184, Hurricane lode, at S. 12° 55' E. 208.44 ft. from Cor. No. 2.
485.2	Cor. No. 2, Sur. No. 2184, Roadside lode, and Cor. No. 1, Sur. No. 1889, Santiago lode, whence, Cor. No. 1, Sur. No. 2184, Roadside lode, bears N. 6° 20' W. 527.1 ft.
513.	West side center of the location.
1026.	To Cor. No. 3. A pine post 4 ins. square, 3.5 ft. above ground with mound of stone scribed C B 3 - 2724., whence,

Feet.	U.S.M.M. No. 1 bears N. 2° 05' W.

	Thence N. 37° 40' E.
15.00	Cor. No. 2., Elizabeth lode of this survey, and Cor. No. 2, Sur. No. 1889, Santiago lode, whence Cor. No. 1, Sur. No. 1889, Santiago lode, bears N. 44° 22' W., 543.7 ft.
304.4	South center end of the location and of the lode.
608.7	To Cor. No. 4.
	On line 1-2, Elizabeth lode of this survey.
	Identical with Cor. No. 3, Empire Mine lode of this survey.
	A pine post 4 ins. square, 4 ft. above ground, with mound of stone scribed C B - 4, E - 3 - 2724. Whence, U.S.M.M. No. 1 bears N. 10° 13' W.

	Thence N. 42° 47' W.
512.8	East side center of the location.
1016.15	Intersect line 2-3, Sur. No. 2184, George Washington lode, at N. 13° 08' 30" W. 75.01 ft. from Cor. No. 3.
1025.7	To Cor. No. 1, the place of beginning.

	Elizabeth Lode.
	Beginning at Cor. No. 1.
	Identical with Cor. No. 2, Charleston lode of this survey.
	A pine post 4 ins. square, 4 ft. above ground.
	N E C with mound of stone scribed E - 1, C - 2 - 2724. Whence, U.S.M.M. No. 1 bears N. 10° 18' W. 3705.6 ft.

	Thence S. 57° 40' W.
5.00	Cors. Nos. 4-5, Copper Belle and Empire Mine lodes respectively of this survey.
299.3	North center end of the location and of the lode.
598.7	To Cor. No. 2,

Feet. Identical with Cor. No. 2, Sur. No. 1889, Santiago lode,
 A pine post, 4 ins. square, 3.5 ft. above ground
 with mound of stone scribed E - 2-2724. Whence,
 U.S.M.M. No. 1 bears N. 2° 15' W.

Thence S. 31° 32' E.

713. West center ^W side of the location.

834.9 N.E. Cor., Pick lode, unsurveyed, and Cor. No.
 3, Sur. No. 1889, Santiago lode.
 882.09 Cor. No. 1, Oak Grove lode, of this survey.
 1431.6 To Cor. No. 3.

Identical with Cor. No. 2, Oak Grove lode of this
 survey, and on line 1-2, Dandy lode of this survey.

A juniper post 4 ins. square, 3 ft. above ground,
 with mound of stone scribed E - 3, O G - 2 - 2724, whence,

A cross (x) and B R 3 - 2 - 2724 chiseled on por-
 phry point 9 x 14 ins. 6 ins. high, bears S. 33° 48' W.
 20.9 ft.

Thence N. 57° 40' E.

298.4 South center end of the location. *W.C.E. 1889, 1892, 1894*

299.4 South center end of the lode, whence S.C.E. of location brs. S. 57° 40' W. 1 ft.

439.4 Cors. Nos. 1-2, Dandy and Durand lodes respectively of
this survey.

598.7 To Cor. No. 4.

On line 1-2, Durand lode of this survey.

Identical with Cor. No. 3, Charleston lode of this
 survey.

A pine post 4 ins. square, 3 ft. above ground, with
 mound of stone scribed E - 4, C - 3 - 2724, whence,

A cross (x) and B R 4 - 3 - 2724 chiseled on por-
 phry face 2 x 3 ft., bears S. 53° 30' E. 11.8 ft.

Thence N. 31° 32' W.

715.1 East center side of the location.

1431.6 To Cor. No. 1, the place of beginning.

Feet.

Dandy Lode.

Beginning at Cor. No. 1,

Identical with Cor. No. 2, Durand lode of this survey.

A pine post 4 ins. square, 3.5 ft. above ground, with mound of stone scribed Dy - 1, Dd - 2 - 2724, whence U.S.M.M. No. 1 bears N. 14° 27' W. 5113.2 ft.

A cross (x) and B R - 1 - 2 - 2724 chiseled on limestone bed-rock bears N. 18° 45' W. 30.2 ft.

Thence S. 57° 40' W.

316.2 North center end of the location.

317.84 North center end of the lode, whence N.C.E. of location bears N. 57° 40' E. 1.64 ft.

439.4 Cors. Nos. 3-2, Elizabeth and Oak Grove lodes respectively of this survey.

634.84 To Cor. No. 2.

A pine post 4 ins. square, 3.5 ft. above ground, with mound of stone scribed Dy - 2 - 2724. Whence,

A cross (x) and B R 2 - 2724 chiseled on porphyry bed rock exposed 2 x 4 ft. bears N. 28° 45' E. 4.2 ft.

Thence S. 13° 10' E.

525.00 Center of wash 60 ft. wide, course from Northwest to Southeast.

818.41 Cor. No. 3, Oak Grove lode of this survey.

1497.7 To Cor. No. 3.

A pine post 4 ins. square, 3.5 ft. above ground, with mound of stone, scribed Dy - 3 - 2724, whence,

U.S.M.M. No. 1 bears N. 9° 06' W.

Thence N. 57° 40' E.

6.44 Intersect line 3-4, Sur. No. 2635, Tom Thumb lode, at S. 19° 42' E. 1.67 ft. from Cor. No. 4.

Feet	
317.00	South center end of the location and lode.
612.5	<p>To witness corner for Cor. No. 4</p> <p>A pine post 4 ins. square, 3.5 ft. above ground, with mound of stone, scribed Dy-WC-4-2724, whence</p> <p>No bearings available.</p>
620.94	<p>Intersect line 1-2, Sur. No. 2635, Tom Thumb lode, at S. 19° 42' E. 1.67 ft. from Cor. No. 1, whence Cor No. 4, bears S. 57° 40' W. 614.5 ft.</p>
634.4	<p>To Cor. No. 4.</p> <p>Identical with Cor. No. 3, Durand lode, of this survey.</p> <p>In wash 80 ft. wide, course from Northwest to Southeast. Witness Cor., heretofore described, bears S. 57° 40' W. 21.9 ft.</p>

Thence N. 13° 11' W.	
50.00	Center of wash, course from Northwest to Southeast.
749.00	East center side of the location.
1498.00	To Cor. No. 1, the place of beginning.

Oak Grove Lode.	
Beginning at Cor. No. 1,	
<p>Identical with the Northeast Cor. of the location, and the North center end of the location and lode</p>	
<p>On line 2-3, Elizabeth lode, of this survey.</p>	
<p>A pine post, 4 ins. square, 3.5 ft. above ground, with mound of stone, scribed O G-1-2724, whence</p>	
<p>U.S.M.M. No. 1 bears N. 7° 27' 30" W. 4758.2 ft.</p>	
<p>A cross (x) and BR-1-2724, chiseled on face of porphyry bed rock, 3 x 4 ft., bears N. 12° 33' E. 75.4 ft.</p>	

Thence S. 31° 32' E.	
549.51	<p>To Cor. No. 2</p> <p>Identical with Cor. No. 3, Elizabeth lode, of this survey, corner heretofore described.</p> <p>On line 1-2, Dandy lode, of this survey, at N. 57° 40' E. 195.44 ft. from Cor. No. 2.</p>

Feet	Thence S. 1° 21' E.
660.00	Center of wash, 60 ft. wide, course from Northwest to Southeast.
901.7	To Cor. No. 3. On line 2-3, Dandy lode, of this survey, at S. 13° 10' E. 818.41 ft from Cor. No. 2
	A pine post 4 ins. square, 3.5 ft. above ground, with mound of stone, scribed O G-3-2724, whence U.S.M.M. No. 1 bears N. 8° 39' W.
	----- Thence S. 64° 36' W.
301.5	South center end of the location and of the lode.
603.00	To Cor. No. 4. Identical with Cor. No. 4, Joe lode, of this survey. A pine post, 4 ins. square, 3.5 ft. above ground, with mound of stone, scribed J-4, O G-4-2724, whence U.S.M.M. No. 1 bears N. 3° 27' W.
	----- Thence N. 1° 21' W.
900.00	Intersect wash, 70 ft wide, course from Northwest to Southeast.
1500.00	To Cor. No. 5. On line 4-1, Joe lode, of this survey A pine post, 4 ins. square, 3.5 ft. above ground, with mound of stone, O G-5-2724, whence U.S.M.M. No. 1 bears N. 4° 05' E.
	----- Thence N. 64° 36' E.
300.46	North center end of the location and of the lode, and
300.46	to Cor. No. 1, the place of beginning.
	----- Joe Lode
	Beginning at Cor. No. 1,

Feet	<p>On the North line of a former location of the Oak Grove lode, as reported in Sur. No. 1889, Ann lode.</p> <p>A pine post, 4 ins. square, 3.5 ft. above ground, with mound of stone, scribed J-1-2724, whence</p> <p>U.S.M.M. No. 1 bears N. 4° 07' W. 4807.8 ft.</p> <p>-----</p> <p>Thence S. 64° 36' W.</p>
198.52	North center end of the location and lode.
328.52	<p>To Cor. No. 2,</p> <p>Identical with the Northwest Cor. of the Oak Grove lode, as reported in Sur. No. 1889, Ann lode.</p> <p>A pine post, 4 ins. square, 3.5 ft. above ground, with mound of stone, scribed J-2-2724, whence</p> <p>U.S.M.M. No. 1 bears N. 00° 33' W.</p> <p>-----</p> <p>Thence S. 10° 24' E.</p>
14.99	<p>Cor. No. 1 Katherine A. lode, of this survey, and intersect line 3-4, Sur. No. 1889, Ann lode, at S. 71° 09' W. 71.68 ft. from Cor. No. 3, and at S. 71° 09' W. 5.14 ft. from its intersection with the west line of a former location of the Oak Grove lode, as reported in Sur. No. 1889, Ann lode, whence the Northwest Cor. of the original location of the Oak Grove lode bears N. 31° 32' W. 15.2 ft.</p>
470.00	Center of wash, 70 ft. wide, course from West to East.
1466.07	<p>To Cor. No. 3,</p> <p>On line 2-1, Katherine A. lode, of this survey.</p> <p>A pine post, 4 ins. square, 3.5 ft. above ground, with mound of stone, scribed J-3-2724, whence</p> <p>U.S.M.M. No. 1 bears N. 2° 48' W.</p> <p>-----</p> <p>Thence N. 64° 36' E.</p>
20.00	South center end of the location and of the lode.
76.1	<p>To Cor. No. 4.</p> <p>Identical with Cor. No. 4, Oak Grove lode, of this survey. Cor. heretofore described.</p> <p>-----</p>

Feet	Thence N. 1° 21' W.
900.00	Intersect wash, 70 ft. wide, course from Northwest to Southeast.
1500.00	Cor. No. 5 Oak Grove lode, of this survey.
1548.09	Intersect line 2-3, Sur. No. 1889, Ann lode, at N. 60° 14' E. 260.65 ft. from Cor No. 3.
1551.38	To Cor. No. 1, the place of beginning.

	Katherine A. Lode.
	Beginning at Cor. No. 1.
	On line 2-3, Joe lode, of this survey.
	On line 3-4, Sur. No. 1889, Ann lode
	A pine post, 4 ins. square, 3.5 ft. above ground, with mound of stone, scribed K A-1-2724, whence
	U.S.M.M.No. 1 bears N. 0° 35' 20" W. 4951.4 ft.

	Thence S. 10° 24' E.
455.01	Center of wash, 70 ft. wide, course from West to East.
1451.08	Cor. No. 3, Joe lode, of this survey.
1453.30	To Cor. No. 2.
	A pine post, 4 ins. square, 3.5 ft. above ground, with mound of stone, scribed K A-2-2724, whence
	U.S.M.M.No. 1 bears N. 2° 48' W.

	Thence S. 63° 00' W.
282.2	South center end of the location and lode.
566.9	TO Cor. No. 3.
	A pine post, 4 ins. square, 3.5 ft. above ground, with mound of stone, scribed K A-3-2724, whence
	U.S.M.M.No. 1 bears N. 1° 40' E.

	Thence N. 8° 55' W.
970.00	Center of wash, 120 ft. wide, course from Southwest to Northeast.

Feet 1499.6	<p>To Cor. No. 4.</p> <p>A pine post, 4 ins. square, 3.5 ft. above ground, with mound of stone, scribed K A-4-2724, whence U.S.M.M.No. 1 bears $N4^{\circ}43'E$.</p> <p>-----</p> <p>Thence N. $63^{\circ} 00' E$.</p>
284.7	<p>To Cor. No. 5.</p> <p>Identical with Cor. No. 4, Sur. No. 1889, Ann lode, and with Cor. No. 2, Sur. No. 2622, Little Rock No. 2 lode, and with the North center end of the location and lode.</p> <p>A pine post, 4 ins. square, 3 ft. above ground, with mound of stone, scribed K A-5-2724, whence U.S.M.M.No. 1 bears $N.1^{\circ}57'E$.</p> <p>-----</p> <p>Thence N. $71^{\circ} 09' E$.</p>
254.62	<p>To Cor. No. 1, the place of beginning.</p> <p>-----</p> <p>Empire Mine Lode.</p> <p>Beginning at Cor. No. 1,</p> <p>Identical with Cor. No. 1, Sur. No. 1890, San Juan lode.</p> <p>A pine post, 4 ins. square, 3 ft. above ground, with mound of stone, scribed E-1-2724, whence U.S.M.M.No. 1 bears $N.10^{\circ}29'W$. 2614.3 ft.</p> <p>A cross (x) and B R 1-2724 chiseled on porphyry face exposed 2x3 ft. bears $N.13^{\circ}53'W$. 41.1 ft.</p> <p>Cor. No. 4, Sur. No. 2001, Fenerd lode, bears $S.89^{\circ}28'W$. 24.7 ft.</p> <p>Cor. No. 2, Lot No. 37, Mona lode, bears $S.67^{\circ}57'W$. 21.6 ft.</p> <p>-----</p> <p>Thence S. $57^{\circ} 40' W$.</p>
304.6	<p>Northwest center end of the location, and lode.</p>
368.6	<p>Intersect Arizona and Colorado Railroad, course from Northwest to Southeast.</p>
604.2	<p>Cor. No. 8, Lot No. 37, Mona lode, and intersect line 2-3, Sur. No. 2184, George Washington lode, at $N.13^{\circ}08'30''W$. 84.95 ft. from Cor. No. 3.</p>

feet
609.2

To Cor. No. 2.

Identical with Cor. No. 1, Copper Belle lode, of this survey, corner heretofore described. -----

Thence S. 42° 47' E.

9.55 Intersect line 2-3, Sur. No. 2184, George Washington lode, at N. 13° 08' 30" W. 75.01 ft. from Cor. No. 3.

513. West side center of the location.

1025.7 To Cor. No. 3.

Identical with Cor. No. 4, Copper Belle lode, of this survey, corner heretofore described.

On line 1-2, Elizabeth lode, of this survey.

Thence N. 57° 40' E.

5.00 Cors. Nos. 1-2, Elizabeth and Charleston lodes, respectively, of this survey.

304.6 South center end of the location and lode.

604.2 Cor. No. 1, Charleston lode, of this survey, and Cor. No. 5, Sur. No. 1890, San Juan lode.

609.2 To Cor. No. 4.

Identical with Cor. No. 6, Sur. No. 1890, San Juan lode,

A pine post, 4 ins. square, 4 ft. high, with mound of stone, scribed E-4-2724, whence

A cross (x) and B T 4-2724 scribed on a mesquite tree, 8 ins. in diameter, bears S. 30° E. 13 ft.

Thence N. 42° 49' W.

513.00 East center side of the location.

1026. To Cor. No. 1, the place of beginning.

Charleston Lode.

Beginning at Cor. No. 1,

On line 3-4, Empire Mine lode, of this survey.

A juniper post, 4 ins. square, 3 ft. above ground, with

Feet

mound of stone, ^{scribed} C-1-2724, whence

U.S.M.M.No. 1 bears N.19°22'W. 3524 ft.

A cross (x) and B T 1-2724 scribed on a mesquite tree,
8 ins. in diameter, bears S.51°19'E. 13.6 ft.

Thence S. 57° 40' W.

299.6 North center end of the location and lode.

429.7 Intersect Arizona and Colorado Railroad, course from
Northwest to Southeast.

599.2 To Cor. No. 2.

Identical with Cor. No. 1, Elizabeth lode, of this
survey, corner heretofore described.

On line 3-4, Empire Mine lode, of this survey.

Thence S. 31° 32' E.

715.8 West center side of the location.

1431.6 To Cor. No. 3.

On line 1-2, Durand lode, of this survey.

Identical with Cor. No. 4, Elizabeth lode, of this survey,
corner heretofore described.

Thence N. 57° 40' E.

299.6 South center end of the location and lode.

302.9 Intersect Arizona and Colorado Railroad, course Northwest
to Southeast.

396.3 To Cor. No. 4.

Identical with Cor. 1, Durand lode, of this survey.

Identical with Cor. No. 6, Sur. No. 1891, Gleeson lode.

A pine post, 4 ins. square, 3 ft. above ground, with
mound of stone, scribed C-4, Dd-1-2724, whence

A cross (x) and B R 4-1-2724 chiseled on limestone
point, 1x3 ft., 1 ft. high, bears S.78°52'E. 15.4 ft.

Thence N. 16°16' W.

640. Cor. No. 1, Sur. No. 1891, Gleeson lode.

640.6 Intersect line 2-3, Sur. No. 1890, Maxon lode, at N.80°30'E.
242.8 ft. from Cor. No. 2.

feet 773.	To Cor. No. 5. A pine post, 4 ins. square, 3 ft. above ground, with mound of stone, scribed C-5-2724, whence A cross (x) and B R 5-2724 chiseled on porphyry point, 3x4 ft., 1 ft. high, bears S. 32° 46' W. 64.8 ft. ----- Thence N. 31° 32' W.
619.4	Intersect line 1-2, Sur. No. 1890, Maxon lode, at N. 9° 55' W. 705.1 ft. from Cor. No. 2.
638.6	Cor. No. 4, Sur. No. 1890, San Juan lode.
690.	To Cor. No. 1, the place of beginning. ----- Durand Lode. Beginning at Cor. No. 1. Identical with Cor. No. 4, Charleston lode, of this survey, corner heretofore described. Identical with Cor. No. 6, Sur. No. 1891, Gleeson lode, whence U.S.M.M. No. 1 bears N. 20° 34' W. 4970.8 ft. ----- Thence S. 57° 40' W.
93.4	Intersect Arizona and Colorado Railroad, course Northwest to Southeast.
238.1	North center end of the lode, whence N.C.E. of the location bears S. 57° 40' W. 48.5 ft.
276.6	North center end of the location.
396.3	Cors. Nos. 3-4, Charleston and Elizabeth lodes, respectively, of this survey.
555.6	To Cor. No. 2. On line 3-4, Elizabeth lode, of this survey. Identical with Cor. No. 1, Dandy lode, of this survey, corner heretofore described. ----- Thence S. 13° 11' E.
749.	West center side of the location.
1400.	Enter wash, course Northwest to Southeast.

Feet
1498.

To Cor. No. 3.

Identical with Cor.No.4,Dandy lode,of this survey.

Impracticable to establish corner as it would be in the
center of wash. Witness Cor. ^{hereafter described} bears N.57°40'E.318.ft.

Thence N. 57° 40' E.

60.00 Leave wash,course Northwest to Southeast.

317.5 South center ^{end} of the lode,whence S.C.E. of the location bns. N.57°40'E. 5 ft.

318. To Witness Cor. to Cor. No. 3

Identical with the south center end of the location.

A juniper post, 4 ins. square,3 ft. above ground,with
mound of stone,scribed Dd-WC-3-2724,whence

No bearings available.

635. To Cor. No. 4.

A juniper post,4 ins.square,3 ft. above ground,with
mound of stone,scribed Dd-4-2724,whence

A cross)x(and B R 4-2724 chiseled on limestone bed
rock,exposed 12x 15 ins.,5 ins above ground,bears N.63°
27'E. 30.6 ft.

Thence N. 16° 07' W.

632.7 To Cor. No. 5,Sur. No. 1891,Gleeson lode.

738.2 East center side of the location.

1272.6 Intersect Arizona and Colorado Railroad,course Northwest
to Southeast.

1475.6 To Cor. No. 1,the place of beginning.

Variation at all corners 12°45' E.

LODE LINES

As near as can be determined from present development
the veins of the several locations embraced in this claim
extend as follows from their respective discovery points
to the end centers of the lodes., viz:-

Copper Belle lode,550.9 ft. N.42°48'W.,and 475.ft. S.42°48'E.

Elizabeth lode,1381.6 ft. N.31°32'W.,and 50. ft. S.31°32'E.

Dandy lode,124.0 ft. N.13°10'W.,and 1373.9 ft. S.13°10'E.

-14-

Oak Grove lode, 550.0 ft. N.1°23'W., and 949.6 ft. S.1°23'E.
 Joe lode, 7.0 ft. S.6°20'E., and 1491.3 ft. N.6°20'W.
 Katherine A. lode, 300.0 ft. S.8°55'E., and 1199.6 ft. N.8°55'W.
 Empire Mine lode, 51.0 ft. N.42°48'W., and 974.9 ft. S.42°48'E.
 Charleston lode, 698.6 ft. N.31°32'W., and 733.0 ft. S.31°32'E.
 Durand lode, 31.0 ft. N.13°11'W., and 1467.0 ft. S.13°11'E.

A R E A	Acres. Acres.
Total area Copper Belle lode,	14.095 ✓
Area in conflict with	
Sur.No.2184, George Washington lode,	0.281 ✓
Sur.No.2184, Roadside lode	1.737 ✓
Sur.No.2184, Roadside lode, (exclusive of its conflict with Sur.No.2184, Hurricane lode)	1.645 ✓
Sur.No.2184, Hurricane lode,	0.112 ✓ *
Sur.No.2184 Hurricane lode, (exclusive of its conflict with Sur.No.2184, Roadside lode.	0.020 ✓
Sur.No.1889, Santiago lode	0.092 ✓
Total area Oak Grove lode,	17.065 ✓
Area in conflict with	
Dandy lode, of this survey	1.754 ✓
Total area Joe lode,	6.584 ✓
Area in conflict with	
Sur.No.1889, Ann lode	0.106
Tract A, hereafter described,	0.105
Sur. No. 1889, Ann lode, exclusive of its conflict with Tract A,	0.001
Total area Katherine A. lode	17.808 ✓
Total area Elizabeth lode	19.674 ✓
Total area Dandy lode	20.613 ✓

Area in conflict with,	Acres.	Acres.
Sur.No.2635, Tom Thumb lode	0.023	✓
Total area Empire Mine lode	14.108	✓
Area in conflict with,		
Sur.No.1508, Empire Mine lode	14.108	✓
Total area Charleston lode	17.975	✓
Area in conflict with,		
Sur.No.1508, Charleston lode	17.975	✓
Sur.No.1890, Maxon lode,	2.214	✓
Total area Durand lode	19.352	✓
Area in conflict with,		
Sur.No.1508, Durand lode	19.352	✓

The surveys of the Copper Belle, Elizabeth, Dandy, and Durand lodes are identical with their respective locations as staked on the ground, and the surveys of the Oak Grove, Joe, Katherine A., Empire Mine, and Charleston lodes are identical with their respective amended locations as staked on the ground.

The surveys of the Empire Mine, Charleston, and Durand lodes are identical with their surveys in Survey No. 1508, as staked on the ground.*

-----*

LOCATION

This claim is located in Tp. 19 S., R. 25 E., unsurveyed, Turquoise Mining District, Cochise County, Arizona.

ADJOINING LODES

This claim is bounded on the North by Lot No. 37, Mona lode, Sur. No. 2184, George Washington, Roadside, and Hurricane lodes, Sur. No. 1889, Ann lode, Sur. No. 2622, Little Rock No. 2 lode, and Pick lode, unsurveyed; on the East by Sur. No. 1890, San Juan and Maxon lodes, Sur. No. 1891, Gleeson lode, and Chance lode, unsurveyed; on the South by the Kelly lode, unsurveyed, and Sur. No. 2635, Tom Thumb lode, Ryan and School House lodes, unsurveyed; and on the West by the Triangle lode, unsurveyed, Sur. No. 1889, Santiago lode, Sur. No. 2184, Roadside and Hurricane lodes, and the Pick lode, unsurveyed.

The claimants of all the above lodes are unknown, excepting the Chance and Pick lodes, unsurveyed, Nathan L. Amster, claimant.

*Description of Tract A.

Beginning at Cor. No. 1 of the Joe lode, thence S. $64^{\circ} 36'$ W. 328.52 ft. to Cor. No. 2 of the Joe lode, thence S. $31^{\circ} 32'$ E. 15.2 ft. to a point, being the point of intersection of line 3-4 of the Ann lode, Sur. No. 1889, with the west side line of the Oak Grove lode under a former location, thence N. $71^{\circ} 09'$ E. along line 4-3 of the said Ann lode, 66.14 ft. to Cor. No. 3 thereof, thence N. $60^{\circ} 14'$ E. along line 2-3 of the Ann lode, 260.63 ft. to its intersection with line 4-1 of the Joe lode, thence N. $1^{\circ} 21'$ W. along line 4-1 of the Joe lode, 3.29 ft. to the place of beginning, containing .105 acres and being that part of a former location of the Oak Grove lode in conflict with and excluded from the Ann lode, Sur. No. 1889.

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 his grantors, is not less than five hundred dollars, and that said improvements consist of;

Copper Belle

No. 1. The discovery point of the Copper Belle lode, which is on the lode line, 475 ft. from the south center end, showing mineral in place in the outcrop.

No. 2. A shaft which bears from the south center end of the Copper Belle lode, N. 23° 08' W. 175 ft., 4x6 ft. 10 ft. deep.

Value \$100.00

No. 3. A shaft which bears from the south center end of the Copper Belle lode, N. 23° 28' W. 224 ft., 4x6 ft. 10 ft. deep.

Value \$100.00

No. 4. A shaft which bears from the south center end of the Copper Belle lode, N. 25° 12' W. 405 ft., 4x6 ft. 20 ft. deep.

Value \$200.00

No. 5. A shaft which bears from the south center end of the Copper Belle lode, N. 37° 37' W. 375 ft., 4x6 ft. 23 ft. deep.

Value \$250.00

No. 6. A shaft, the south side of which is on line 3-4, Copper Belle lode, 7 ft. from the south center end, 4x6 ft. 24 ft. deep.

Value \$240.00

Note: A 1/13 interest in the No. 6 improvement shaft on the Charleston lode, accredited to this lode. Value 1/13, \$727.00

Elizabeth lode

No. 1. The discovery point of the Elizabeth lode, which is on the lode line, 50 ft. from the south center end, showing mineral in place in the outcrop.

No. 2. A shaft which bears from the north center end of the Elizabeth lode S. 73° 13' E. 285 ft., 4x6 ft. 10 ft. deep.

Value \$100.00

No. 3. A shaft which bears from the north center end of the Elizabeth lode S.47°E. 51 ft., 4x6 ft. 10 ft. deep.

Value \$100.00

No. 4. A shaft which bears from a point on the lode line, of the Elizabeth lode, 386 ft. from the south center end, N.3°47'E. 235 ft., 4x6 ft. 15 ft. deep.

Value \$150.00

No. 5. Irregular workings the center of which bears from a point on the lode line of the Elizabeth lode, 386 ft. from the south center end, N.46°55'E. 282 ft., about 30 ft. deep, 5 ft. wide, 20 ft. long, running northeast to southwest.

Value \$500.00

No. 6. A shaft which bears from the south center end of the Elizabeth lode, N.33°55'E. 100 ft., 4x6 ft. 12 ft. deep

Value \$120.00

Note: A 1/13 interest in No. 6 improvement shaft on the Charleston lode is accredited to this lode

Value 1/13, \$727.00

Dandy Lode

No. 1. The discovery point of the Dandy lode, which is on the lode line, 124 ft. from the north center end, 2x3 ft., 6 ins. deep.

No. 2. A shaft which bears from the north center end of the Dandy lode S.26°40'E. 164 ft., 6x6 ft., 15.5 ft. deep.

Value \$155.00

No. 3. A shaft which bears from the north center end of the Dandy lode S.33°55'E., 472 ft., 4x6 ft. 12 ft. deep.

Value \$120.00

No. 4. A shaft which bears from Cor. No. 1 Dandy lode S.50°30'W. 111 ft., 4x6 ft., 12 ft. deep.

Value \$120.00

No. 5. A shaft which bears from Cor. No. 2 Dandy lode S.26°50'E. 425 ft., 7.5x7.5 ft., 63 ft deep, timbered.

Value \$945.00

Note: A 1/13 interest in No. 6 improvement shaft of the Charleston lode is accredited to this lode.

Value 1/13, \$727.00

Oak Grove Lode

No. 1. The discovery cut of the Oak Grove lode, the center of which is on the lode line, 550 ft from the north center end, 2x2 ft., 1 ft. deep.

No. 2. A shaft which bears from Cor. No. 1, Oak Grove lode, S.30°W. 306 ft., 6x6 ft., 6 ft. deep.

Value \$ 30.00

No. 3. A shaft which bears from Cor. No. 1, Oak Grove lode, S.36°43'W. 529 ft., 4x6 ft., 12 ft. deep.

Value \$ 60.00

No. 4. A shaft which bears from Cor. No. 3, N.34°15'W. 463 ft., 4.5 ft in diameter, 44 ft. deep, partially timbered.

Value \$440.00

No. 5. An open cut, the breast of which bears from Cor. No. 1 Oak Grove lode S.6°29'E. 547 ft., running southwest 24 ft. to mouth, 3.5 ft. wide, 5 ft. face.

Value \$100.00

No. 6 An open cut the face of which bears from Cor. No. 1, Oak Grove lode, S.4°28'W. 510 ft., running southwest to mouth 33 ft., 4 ft. wide, 8 ft. face.

Value \$100.00

Note: A 1/13 interest in the No. 5 improvement shaft of the Charleston lode is accredited to this lode.

Value 1/13, \$727.00

Joe Lode

No. 1. The discovery shaft of the Joe lode, which is on the lode line, 7 ft. from the south center end, 4x6 ft., 27 ft. deep.

Value \$270.00

No. 2. A shaft which bears from Cor. No. 4, Joe lode, N.14° 07'W. 309 ft., 4x6 ft., 27 ft. deep.

Value \$370.00

Note: A 1/13 interest in the No. 6 improvement shaft of the Charleston lode is accredited to this lode.

Value 1/13, \$727.00

Katherine A. Lode

No. 1. The discovery shaft of the Katherine A. lode, which is on the lode line 300 ft. from the south center end, 4x6 ft., 9 ft. deep.

Value \$ 60.00

No. 2. A shaft which bears from Cor. No. 2, K.A. lode, N.12°23'W. 351 ft., 4x6 ft. 3 ft. deep.

Value \$ 10.00

No. 3. A shaft which bears from Cor. No. 2, K.A. lode, N.16°32'W. 389 ft., 4x6 ft., 6 ft. deep.

Value \$ 60.00

No. 4. A shaft which bears from Cor. No. 2, K.A. lode, N.25°23'W. 455 ft., 4x6 ft., 57 ft. deep.

Value \$570.00

Note: A 1/13 interest in the No. 6 improvement shaft of the Charleston lode is accredited to this lode.

Value 1/13, \$727.00

Empire Mine lode

No. 1. The discovery shaft of the Empire Mine lode, the west side of which is on the lode line, 51 ft from the north center end of the lode, 4x6 ft., 6 ft. deep.

Value \$ 60.00

No. 2. A shaft which bears from the north center end of the lode, S.38°30'E. 105 ft., 4x6 ft. 31 ft. deep.

Value \$310.00

No. 3. A shaft which bears from the north center end of the lode S.47°W. 47 ft., 5x6 ft. 25 ft. deep.

Value \$250.00

No. 4. A shaft which bears from the south center end of the lode N.45°20'W. 148 ft. 4x6 ft. 8 ft. deep.

Value \$ 80.00

No. 5. A shaft which bears from the south center end of the lode N.54°44'W. 114 ft., 4x6 ft., 41 ft. deep.

Value \$410.00

No. 6. A shaft which bears from the south center end of the lode N.66°35'W. 133 ft., 4x6 ft., 6 ft. deep.

Value \$ 60.00

No. 7. Irregular workings, the center of which bears from the south center end, S. 80° W. 75 ft., about 15 ft. long, 9 ft. wide, 4 ft. deep, running northeast to southwest.

Value \$100.00

Note: A 1/13 interest in the No. 6 improvement shaft on the Charleston lode is accredited to this claim.

Value 1/13, \$727.00

Durand Lode

No. 1. The discovery cut of the Durand lode, which is on the lode line, 31 ft. from the north center end of the lode. This working has been filled up.

No. 2. A shaft which bears from Cor. No. 1, S. 51° W. 163 ft., 4x5 ft., 14 ft. deep.

Value \$140.00

No. 3. A shaft which bears from Cor. No. 1, S. 22° 30' W. 213 ft., 5x7 ft., 9 ft. deep.

Value \$ 90.00

No. 4. A shaft which bears from Cor. No. 1, S. 10° W. 250 ft., 5x7 ft., 11 ft. deep.

Value \$110.00

No. 5. A shaft, the northeast corner of which bears from Cor. No. 1, S. 25° W. 370 ft., 9x18 ft. 11 ft. deep. Course of long side N. 82° W.

Value \$330.00

Note: A 1/13 interest in the No. 6 improvement shaft on the Charleston lode is accredited to this lode.

Value 1/13, \$727.00

Charleston Lode

No. 1. The discovery shaft of the Charleston lode, which is on the lode line, 698.6 ft. from the north center end of the lode, 6x8 ft., 8 ft. deep.

Value \$100.00

No. 2. A shaft which bears from a point on the lode line 899 ft. from the north center end of the lode, S. 3° 48' E. 245 ft., 5x9 ft., 288 ft. deep, timbered.

Value \$4,320.00

No. 3. A shaft which bears from a point on the lode line 899 ft. from the north center end, N.52°05'W. 135 ft., 6x15 ft., 86 ft. deep, timbered.

Value \$2,150.00

No. 4 A shaft which bears from the north center end of the lode, S.54°30'E. 69 ft., 4x6 ft., 6 ft. deep.

Value \$ 60.00

No. 5. Irregular workings, the center of which bears from Cor. No.3, N.28°45'W. 516 ft., about 30 ft. long, 5 ft. wide, 4 ft. deep, running northeast and southwest.

Value \$ 80.00

No. 6. A shaft which bears from a point on the lode line, 899 ft. from the north center end of the lode, S.87°20'E. 156 ft., 6.2 ft. x 17.4 ft., 315 ft. deep, timbered, Operated by steam hoist.

Total value of shaft. \$9,451.00

Value 1/13, \$727.00

Note: A 1/13 interest in this working is accredited to each of the nine lodes in this survey, viz: Copper Belle, Elizabeth, Dandy, oak Grove, Joe, Katherine A., Empire Mine, Charleston, Durand; and to the Chance, Gnat, Independence, and Lizzie lodes, unsurveyed.

All of the locations to which an interest in the No.6 shaft on the Charleston lode is accredited form one contiguous ownership, and all the locations are within a radius of 3,000 ft. from said shaft.

The ground embraced by the aforesaid locations is comparatively level; the difference in elevation between the highest and lowest points is approximately 150 ft.

This entire group can be worked advantageously and economically through the No.6 shaft of the Charleston lode, requiring but one plant of machinery and one system of workings.

-32-

OTHER IMPROVEMENTS

A corrugated iron shaft, boiler and supply house, the S. corner of which bears from Cor. No. 4, Charleston lode N.24°42'W. 430 ft., 51x76 ft., course of long side N.25°W.

An adobe office building, the N.W. corner of which bears from Cor. No.1, Durand lode, S.49°00'W. 265.2 ft., 33x33 ft., course of side, north.

A frame dwelling, the S. corner of which bears from the S. center end of the Oak Grove lode N.14°03'E. 149.2 ft., 15x30 ft., with an L on the N.W. corner 6x19 ft. Course of S. side N.65°E. 15 ft.

A frame dwelling, the S.W. corner of which bears from the south center end of the Oak Grove lode N.00°18'E. 375.3 ft., 30.5x48 ft., course of long side N.69° E.

A frame corral building, the east corner of which bears from the south center end of the Oak Grove N.74°45'W. 163 ft., 39x64 ft., course of long side S.55°W.

A frame store building, the south east corner of which bears from the south center end of the Oak Grove lode N.24°31'W. 533.4 ft., 43x48 ft., with a jog in the northwest corner 10x20 ft., course of long side S.83°W.

A frame house, the northeast corner of which bears from Cor. No. 4, Joe lode, N.9°50'W 600.4 ft., 20x50 ft., course of long side S.5°E.

A frame building, the southeast corner of which bears from Cor. No. 1, Katherine A. lode, S.9°35'E. 602.6 ft., 18x46 ft., course of long side N.18°W.

An adobe building, the southeast corner of which bears from Cor. No.2, Katherine A. lode, N.10°09'W., ^{665 ft.} 34.5x77.5 ft, course of long side N.13°W.

A frame building, the northwest corner of an L to which bears N.63°13'E. 151.3 ft. from Cor. No.4, Katherine A. lode; length of L 12.5 ft., course N.61°E., width of L to main building 14.5 ft.

Main building 20x38.5 ft., with L on northwest corner. Course of long side N.61°E.

A frame building, the northwest corner of which bears from Cor. No. 4, Katherine A. lode, S.76°02'E 226.4 ft., 26x28 ft., course of short side N.61°E.

A frame dwelling, the northwest corner of which bears from Cor. No. 4, Katherine A. lode, S.59°22'E 252.3 ft., 30x40.5 ft., course of long side, N.62°E.

A frame building, the northwest corner of which bears from Cor. No. 4, Katherine A. lode, S.58°35'E 346 ft., 12x24 ft. course of long side N.62°E.

A frame building, the north corner of which bears from Cor. No. 4, Katherine A. lode, S.53°40'E 390 ft., 16x60.4 ft., course of long side S.60°W.

 INSTRUMENT

This survey was made with a Buff & Buff Mining Transit No. 5200. The courses were deflected from the true meridian as determined by Polaris observations. The distances were measured with 50 ft., 500 ft., and 800 ft. steel tapes.

 REPORT

Sur. No. 1508, Empire Mine, Charleston, and Durand lodes:
 The surveys of the Charleston, Empire Mine, and Durand lodes of this survey are identical with the surveys of the said lodes of Sur. No. 1508 as staked on the ground, and is intended to supersede it.

Sur. No. 2184, George Washington, Hurricane, and Roadside lodes:
 Cors. Nos. 2, 3, and 4 George Washington lode, Cors. Nos. 2 and 3 Hurricane lode, and Cors. Nos. 1, 2, 4, and 5 Roadside lode, are pine posts, 4 ins. square, properly set and scribed.

Sur. No. 1889, Santiago and Ann lodes:
 Cors. Nos. 1, 2, 3, and 4 Santiago lode, and Cors. Nos. 2, 3, and 4 Ann lode, are posts 4 ins. square, properly set and scribed.

Lot No. 37 Mona lode:
 Cors. Nos. 2 and 8 are posts, 4 ins. square, properly set and scribed.

-24-

Sur. No. 2622, Little Rock No. 2 lode:

Cor. No. 2 is a post, 4 ins. square, properly set and scribed.

Sur. No. 2635, Tom Thumb lode:

All Corners are posts, 4 ins. square, properly set and scribed.

Sur. No. 1891 Gleeson:

Cors Nos. 5 and 6 are posts, 4 ins. square, properly set and scribed. Cor. No. 1 has been obliterated, leaving only a mound of stone.

Sur. No. 1890, Maxon and San Juan lodes:

Cors Nos. 1 and 3 Maxon lode are posts, 4 ins square, properly set and scribed; Cor. No. 2 has been obliterated by the borrow pits of the Arizona and Colorado R. R.

Cors. Nos. 1, 4, 5, and 6 San Juan lode are posts, 4 ins square, properly set and scribed.

Sur. No. 2001, Fenerd lode:

Cor. No. 4 is a post, 4 ins square, properly set and scribed.

The differences between these field notes and the field notes of the above enumerated surveys are due to errors in the latter.

The differences between these field notes and the location certificates are due to errors in the latter.

All of the side and end centers of the locations embraced in this survey are posts, 4 ins. square, properly set and scribed.

I certify that the accompanying map of the Empire Mine, Charleston, Durand, Copper Belle, Elizabeth, Dandy, Oak Grove, Joe, Katherine A., Chance, Gnat, Independence, and Lizzie lodes, which is drawn on a scale of 1000 ft. equals 1 inch, shows correctly their relative position as a contiguous group of lode locations.

63571

2724

FINAL OATHS FOR SURVEYS.

LIST OF NAMES.

A list of the names of the individuals employed by Lamar Cobb
 United States Mineral Surveyor, to assist in running, measuring, and marking the lines, corners, and
 boundaries described in the foregoing field notes of the survey of the mining claim of _____

Nathan L. Amster
 known as the Empire Mine, Charleston, Durand, Elizabeth, Oak Grove, Katherine
A., Copper Belle, Dandy, and Joe
 and showing the respective capacities in which they acted.

B. O. Pickard _____, Chainman.
 _____, Chainman.
 _____, Axman.
 _____, Flagman.

FINAL OATHS OF ASSISTANTS.

~~We~~, I, _____
~~and~~ _____, do solemnly swear that ^I~~we~~ assisted Lamar Cobb
 _____, United States Mineral Surveyor, in marking the corners and surveying
 the boundaries of the mining claim of Nathan L. Amster

Empire Mine, Charleston, Durand, Elizabeth, Oak Grove, Katherine A.,
 known as the Copper Belle, Dandy, and Joe
 represented in the foregoing field notes as having been surveyed by said mineral surveyor and under his
 direction; and that said survey has been in all respects, to the best of ^{my}~~our~~ knowledge and belief, faithfully
 and correctly executed, and the corner and boundary monuments established according to law and the instruc-
 tions furnished by the United States Surveyor-General for Arizona.

B. O. Pickard _____, Chainman.
 _____, Chainman.
 _____, Axman.
 _____, Flagman.

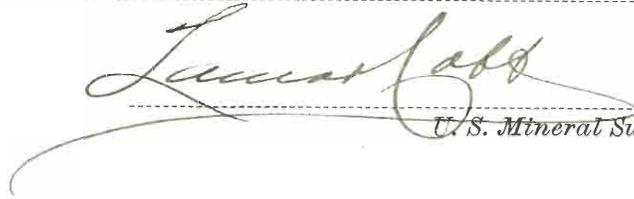
Subscribed and sworn to by the above-named persons before me this 7
 day of February, 19 10

Sidney Pickover
Notary Public

My commission expires May 11 1912.

FINAL OATH OF U. S. MINERAL SURVEYOR.

I, Lamar Cobb, U. S. Mineral Surveyor, do solemnly swear that, in pursuance of instructions received from the United States Surveyor General for Arizona, dated December 31, 1909, 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 Nathan L. Amster, known as the Empire Mine, Charleston, Durand, Elizabeth, Oak Grove, Katherine A., Copper Belle, Dandy, and Joe situate in Turquoise Mining District, Cochise County, Arizona, in Section -----, Township No. 19 S., Range No. 25 E. unsurveyed, and designated as Survey No. 2724, as represented in the foregoing field notes, which accurately show the boundaries of said mining claim as distinctly marked by monuments on the ground, and described in the attached copy of the location certificate, which was received by me from the Surveyor General with said instructions, and that all the corners of said survey have been established and perpetuated in strict accordance with the law, official regulations and instructions thereunder; and I do further solemnly swear that the foregoing are the true and original field notes of said survey and my report therein, and that the labor expended and improvements made upon said mining claim by claimant or his grantors are as therein fully stated, and that the character, extent, location, and itemized value thereof are specified therein with particularity and full detail, and that no portion of said labor or improvements so credited to this claim has been included in the estimate of expenditures upon any other claim.

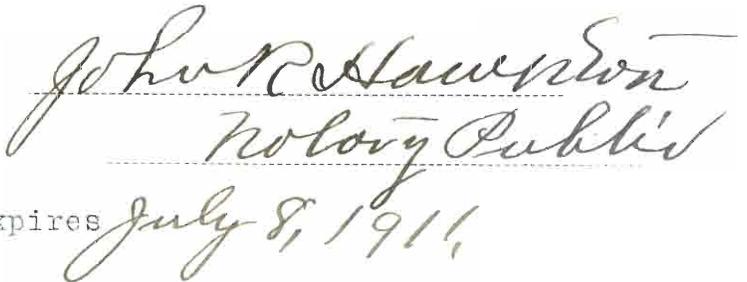

U. S. Mineral Surveyor.

Subscribed and sworn to by the said Lamar Cobb

U. S. Mineral Surveyor, before me John R. Hawthorn

this 11 th.

day of January, 1910


Notary Public

My commission Expires July 8, 1911

NOTICE OF LOCATION.

The undersigned under the several acts of Congress of the United States pertaining to the Mineral development of the Mineral Lands of the U. S. do hereby locate and claim 1350 feet in length with 600 feet in width on this Ledge, Lode vein or deposit of mineral bearing rock in place commencing at this Initial Monument of Stones erected at the West end center and running 300 ft Northerly to a monument of Stones, being the North West Corner, thence 1350 ft in a Easterly direction to a monument of stones being the North East Cor. thence 300 ft. Southerly to a monument of stones being the East end Center. thence 300 ~~feet~~ ^{ft.} Southerly to a monument of stones being the South East Cor. thence 1350 ft. Westerly to a monument of stones being the South West Cor. thence 300 ft Northerly to the place of beggining. this is bounded in the West by the Mono Mine and in the East by the Charlston and shall be known as the EMPIRE MINE, it is situated in the Torquoise Mining District, County of Cochise and Territory of Arizona.

Dated on the ground this 14th day of February A. D. 1899.

John F. Koen,

Locator.

Witness,

Ole D. Walker.

Filed and recorded at request of Jno. F. Koen at 10 A. M. March 2nd, A. D. 1899, in Book 14 Record of Mines at Page 776.

2

50

AMENDED NOTICE OF LOCATION.

Notice is hereby given, That the Charleston lode and mining claim, has been located, by The Copper Belle Mining Company, a corporation on the 8th day of November 1901 being 1433 feet in length and 600 feet wide; that is 300 feet on each side of the center of the ~~lode~~ lode and discovery shaft, lengthwise of the claim, ~~claim,~~ and the general course of the lode and claim is N.31° 32' W. and S. 31° 32' E. and is described as follows, to-wit;- Commencing at this Initial Monument at the discovery shaft, a large monument of stone on which this notice is posted, and running thence N.31° 32' W.690 ft. to North Center End and s. 31° 32' E. 743 ft. to South Center End. The boundaries are as follows; beginning at the South Center End, a post in a mound of stone and running thence N.57°-40' E. 97.4 ft. to the S.E. Corner, a post in a mound of stone, thence N. 16°-16'W.773 ft. to angle corner on East side line, a post in a mound of stone thence N. 31° 32' W. 690 ft. to N. E. Corner of Claim, a post in a mound of ~~xxx~~ stone; thence S.57° 40'w. 300 ft. to North Center End, a post in a mound of stone, thence in same direction 300 ft to N. W. Corner of ~~claim,~~ thence S.31°-32' E. 1433 ft. to S.W. Corner of claim, a post in a mound of ~~claim,~~ a post in a mound of stone; ^{of stone} thence N. 57°40'E. 300 ft. to place of beginning.

This claim is situated in the Turquoise Mining District, Cochise County, Territory of Arizona, and the Northwest corner bears S.19°24' E. 3520.8 ft. from U.S. Mineral Monument No.1 of Turquoise District.

This is a relocation of the old Challenge Claim owned by Warner-kros and Bryant and cover a portion of an old claim called the Maxon. No assessment work having been done on either claims for the year 1897

This is an amended Location Notice of the Charleston Mining Claim Located by John Gleeson on the 5th day of May 1898 and recorded in Book 14 of Records of Mines at page 625 in the office of the County Recorder of the aforesaid County of Cochise to which reference is ~~made~~ hereby made, and this Amended Location Notice in made and posted to ~~as~~ correct errors in the description in the said Original Location Notice

Posted on the ground this 8th day of November 1901!

Witness:-

F. R. O'Brien.

Copper Belle Mining Co.

By John Gleeson, Agent.

Filed and recorded at request of James Reilly Nov.9,1901 at 2 P' M. in Book 15 Record of Mines at Pages 384 and 385.

Notice of Mining Location

32

QUARTZ CLAIM

To All Whom It May Concern:

THIS MINING CLAIM, the name of which is the Durand Mining Claim, situate on lands belonging to the United States of America, and in which there are valuable mineral deposits, was entered upon and located for the purpose of exploration and purchase by John Gleeson and Herman Durand

the undersigned, on the June 6th day of 1899 ~~1900~~

The length of this claim is 1500 Fifteen Hundred feet, and We claim One Hundred feet, in a Northerly direction and Fourteen Hundred feet in a Southerly direction from the center of the discovery shaft, at which this notice is posted, lengthwise of the claim, together with Th ree hundred feet in width of the surface grounds, on each side of the center of said claim. The general course of the lode deposit and premises is from the Northerly to the Southerly

The claim is situated and located in Turquoise Mining District, in Cochise County, in the Territory of Arizona, about Half mile in a Southerly direction from Mono Mining Claim

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

at a point in a Northerly direction One Hundred feet from the discovery shaft, at which this notice is posted, being in the center of the North end line of said claim; thence Three Hundred feet to a Monument of Stone being the N.E. corner of said claim; thence Seven Hundred fifty feet to a Monument of Stone at the center of the East Side side line of said claim; thence seven Hundred fifty feet to a Monumeht of Stone being at the S.E. corner of said claim; thence three hundred feet to a Monument of Stone at the center of the South end of said claim; thence three Hundred feet to a Monument of stone, being at the South West corner of said claim; thence Seven hundred fifty feet to a Monument stone being at the center of the West side line of said claim; thence Seven hundred fifty feet to a Monument Stone at the North W. corner of said claim; thence three hundred feet to the place of beginning.

All done under the provisions of Chapter Six, of Title XXXII, of the Revised Statutes of the United States, and of an Act of the General Assembly of Arizona, entitled "An Act Concerning Mines," approved March 20th, 1895.

Dated and posted on the ground this 6th day of June 1899 ~~1900~~

John Gleeson

Herman Durand

Filed and recorded at ^{the} request of M.H. Twomey Aug 21st at 9 A.M., A.D. 1899 in Book 17 Record of Mines at Page 74.

Territory of Arizona,)
 County of Cochise.) SS.

I, C.A. McDonald, County Recorder in and for the County of Cochise, Territory of Arizona, do hereby certify that I have compared the annexed and foregoing copies with the original Location Notices of the EMPIRE MINE, filed for record in my office on the 2nd of March A.D., 1899 and recorded in Book 14 Record of Mines at Page 776, the DURAND filed for record in my office on the 21st day of Aug., A.D., 1899 and recorded in Book 17 Record of Mines at Page 74 and the Amended Location Notice of the CHARLESTON lode mining claim filed for record in my office on the 9th day of Nov., A.D., 1901, and recorded in Book 15 Record of Mines at Pages 384 and 385, and ^{that} the same are full, true and correct copies of the said originals and of the whole thereof.

Given under my hand and seal of office this 25th day of August, A.D., 1908.

C.A. McDonald
 County Recorder.

Notice of Mining Location

QUARTZ CLAIM

To All Whom It May Concern:

THIS MINING CLAIM, the name of which is the Dandy Mining Claim, situate on lands belonging to the United States of America, and in which there are valuable mineral deposits, was entered upon and located for the purpose of exploration and purchase by John Gleeson and Herman Durand

the undersigned, on the 6th day of June 1899 -- 1900

The length of this claim is Fifteen Hundred feet, and We claim One Hundred feet, in a Northerly direction and Fourteen Hundred feet in a Southerly direction from the center of the discovery shaft, at which this notice is posted, lengthwise of the claim, together with Three Hundred feet in width of the surface grounds, on each side of the center of said claim. The general course of the lode deposit and premises is from the Northerly to the Southerly

The claim is situated and located in Turquoise Mining District, in Coehise County, in the Territory of Arizona, about half mile in a Southerly direction from Mona Mining Claim

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

at a point in a Northerly direction One Hundred feet from the discovery shaft, at which this notice is posted, being in the center of the North end line of said claim; thence Three Hundred feet to a Monument of stone being the N.E. corner of said claim; thence Seven hundred fifty feet to a Monument of stone at the center of the East side line of said claim; thence Seven hundred fifty feet to a monument of stone being at the South E. corner of said claim; thence three Hundred feet to a monument of stone at the center of the South end of said claim; thence three Hundred feet to a Monument of stone, being at the South West corner of said claim; thence Seven Hundred fifty feet to a monument of stone being at the center of the West side line of said claim; thence Seven Hundred fifty feet to a Monument of stone at the North W. corner of said claim; thence three Hundred feet to the place of beginning.

All done under the provisions of Chapter Six, of Title XXXII, of the Revised Statutes of the United States, and of an Act of the General Assembly of Arizona, entitled "An Act Concerning Mines," approved March 20th, 1895.

Dated and posted on the ground this 6th day of June 1899 1900
John Gleeson
Herman Durand.

Filed and recorded at ^{the} request of M.H. Twomey Aug. 21st at 9 A.M., A.D. 1899, in Book 17 Record of Mines at Page 75

Notice of Mining Location

QUARTZ CLAIM

To All Whom It May Concern:

THIS MINING CLAIM, the name of which is the Elizabeth Mining Claim, situate on lands belonging to the United States of America, and in which there are valuable mineral deposits, was entered upon and located for the purpose of exploration and purchase by John Gleeson & Herman Durand

the undersigned, on the 6th day of June 1899

The length of this claim is Fifteen Hundred feet, and We claim One Hundred feet, in a Northerly direction and Fourteen Hundred feet in a Southerly direction from the center of the discovery shaft, at which this notice is posted, lengthwise of the claim, together with three Hundred feet in width of the surface grounds, on each side of the center of said claim. The general course of the lode deposit and premises is from the Northerly to the Southerly

The claim is situated and located in Tutquoise Mining District, in Cochise County, in the Territory of Arizona, about half mile in a Southerly direction from Mono Mining Claim

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

at a point in a Northerly direction One Hundred feet from the discovery shaft, at which this notice is posted, being in the center of the North end line of said claim; thence Three Hundred feet to a Monument Stone being the N.E. corner of said claim; thence Seven hundred & fifty feet to a monument of stone at the center of the East Side side line of said claim; thence Seven Hundred fifty feet to a Monument being at the South East corner of said claim; thence Three Hundred feet to a Monument of Stone at the center of the South end of said claim; thence Three Hundred feet to a Monument of Stone, being at the South West corner of said claim; thence Seven hundred fifty feet to a Monument of stones being at the center of the West side line of said claim; thence Seven hundred & fifty feet to a Monument of stone at the North W corner of said claim; thence three Hundred feet to the place of beginning.

All done under the provisions of Chapter Six, of Title XXXII, of the Revised Statutes of the United States, and of an Act of the General Assembly of Arizona, entitled "An Act Concerning Mines," approved March 20th, 1895.

Dated and posted on the ground this 6th day of June 1899 ~~1898~~

John Gleeson
Herman Durand

Filed and recorded at ^{the} request of W.H.Twomey Aug. 21st at 9 A.M., A.D. 1899 in Book 17 Record of Mines at pages 73.

Notice of Mining Location

QUARTZ CLAIM

To All Whom It May Concern:

THIS MINING CLAIM, the name of which is the Copper Belle Mining Claim, situate on lands belonging to the United States of America, and in which there are valuable mineral deposits, was entered upon and located for the purpose of exploration and purchase by John Gleeson

the undersigned, on the ----- day of ----- 190-

The length of this claim is 1026 feet, and I claim ----- feet, in a ----- direction and ----- feet in a ----- direction from the center of the discovery shaft, at which this notice is posted, lengthwise of the claim, together with 300

feet in width of the surface grounds, on each side of the center of said claim. The general course of the lode deposit and premises is from the North West to the South east

The claim is situated and located in Turquoise Mining District, in Cochise County, in the Territory of Arizona, about 1/2 mile Southerly in a from the U.S. Mineral Monument No L of this District immediately South west from the Mono Mine and adjoins the Empire Mine running parallel thereto

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

~~at a point in a ----- direction ----- feet from the discovery shaft~~ (at which this notice is posted,) being in the center of the North end line of said claim; thence N. 57° 40' E. 305 and identical with North West Corner of Empire Claim being the North east corner of said claim; thence S. 42° 49' E. 513 feet to a post in Mound of Stone at the center of the East side line of said claim; thence in same direction 513 feet to a post in mound of stone being at the South east corner of said claim; thence S. 57° 40' W. 305 feet to a post in mound of stone at the center of the South end of said claim; thence in same direction 305 feet to a post in mound of stone, being at the South West corner of said claim; thence N 42° - 49' W. 513 feet to a post in mound of stone being at the center of the West side line of said claim; thence in same direction 513 feet to a post in mound of stone at the North West corner of said claim; thence N. 57° - 40' E. 305 feet to the place of beginning.

All done under the provisions of Chapter Six, of Title XXXII, of the Revised Statutes of the United States, and of an Act of the General Assembly of Arizona, entitled "An Act Concerning Mines," approved March 20th, 1895.

Dated and posted on the ground this first day of Jan 1900
John Gleeson

Filed and recorded at ^{the} request of Norton & Morgan March 15th A.D. 1900 at 9 A.M. in Book 17 Record of Mines at Page 477.

Notice of Mining Location

LODE CLAIM

DEC. 24. 1909

To All Whom It May Concern:

This Mining Claim, the name of which is the Joe Mining Claim, situate on lands belonging to the United States of America, and in which there are valuable mineral deposits, was entered upon and located for the purpose of exploration and purchase by N.L. Amster

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

the undersigned, on the 13 day of Dec. 1909

The length of this claim is 1498.3 feet, and I claim 1492.3 feet, in a N. 6° 20' W direction and 6 feet in a S. 6° 20' E direction from the center of the discovery ~~shaft~~ at which this notice is posted, lengthwise of the claim, together with 300 feet in width of the surface grounds, on each side of the center of said claim. The general course of the lode deposit and premises is from the North to the South

The claim is situated and located in the Turquoise Mining District, in Cochise County, ~~in the Territory of Arizona, about~~ in a direction from

From the North East cor. of this claim U.S.M.M.No.1 bears N. 7° 13' 30" W. 4715.1 ft.

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

at a point in a N. 1° 21' W. direction 1492.3 feet from the discovery ~~shaft~~ (at which this notice is posted), being in the center of the North end line of said claim; thence N. 64° 36' E. 198.5 feet to a pine post, being the Northeast corner of said claim; thence S. 1° 21' E. 1551.38 feet to a pine post, being at the Southeast corner of said claim; thence S. 64° 36' W. 56.1 feet to a monument of stones at the center of the South end of said claim; thence S. 64° 36' W. 20 feet to a pine post, being at the Southwest corner of said claim; thence N. 10° 24' W. 1466.07 feet to a pine post at the Northwest corner of said claim; thence N. 64° 36' E. 130 feet to the place of beginning.

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

This is an Amended Location Notice of the Joe Mining Claim, located by James B. Riley

on the 22nd day of Feb. 1909, and recorded in Book 18 of Records of Mines, at page 497, in the office of the County Recorder of the aforesaid County of Cochise to which reference is hereby made, ~~with this amended location notice made and posted to correct errors in the description in the original location notice.~~

Dated and posted on the ground this 13 day of Dec. 1909

N.L. Amster

Filed and recorded at request of Ben Goodrich Dec 18 1909 at 10:40 A.M. in Book 45 Record of Mines at Page 401.

TERRITORY OF ARIZONA, |
 County of Cochise. | SS.

I, C.A. McDonald County Recorder in and for the County of Cochise and Territory of Arizona, DO HEREBY CERTIFY that I have compared the annexed and foregoing copy with the original Amended Location Notice of the "JOE" Mining Claim filed for record in my office on the 18th day of December, A.D. 1909 and recorded in Book 45 Record of Mines at Page 401, and that the same is a full, true and correct copy of said original and of the whole thereof.

Given under my hand and seal of office, this 18th day of December, A.D. 1909.

C.A. McDonald

County Recorder

By *E. Hughes*

Deputy.

TERRITORY OF ARIZONA. 0
S.S.
County of Cochise. 0

I, C.A.McDonlad, County Recorder in and for the County of Cochise and Territory of Arizona, DO HEREBY CERTIFY, that I have compared the annexed and foregoing copy with the original Amended Location Notice of the "OAK GROVE" Mining Claim, filed for record in my office on the 18th day of December, A.D. 1909, and recorded in Book 45 Record of Mines at Page 402 and that the same is a full, true and correct copy of said original and of the whole thereof.

Given under my hand and seal of office, this 18th day of December, A.D. 1909.

C.A.McDonald,

County Recorder.

By C. Hughes

Deputy.

AMENDED LOCATION NOTICE.

Know all Men by these presents;

That N. L. Amster, the undersigned, has this 25th day of May 1909, amended, located and claimed, and by these presents does amend locate and claim, by right of the original discovery and this additional and amended location certificate on the Katherine A. lode, vein ledge or deposit, along the vein thereof, with all its dips, angles and variations.

The length of this claim is 1499.6 feet, and I claim 300.0 feet, in a S 8° 55' E direction and 1199.6 feet in a N. 8° 55' W. direction from the center of the discovery shaft, at which this notice is posted, lengthwise of the claim, together with 300 feet in width of the surface grounds, ~~on each side of the surface grounds~~, on each side of the center of said claim. The general course of the lode deposit and premises is from the Northwest to the Southeast.

The claim is situated and located in the Turquoise Mining District, in Cochise County, Territory of Arizona,. From the North East Corner (Corner No.1.) of this claim U. S. M. M. No.1 bears N 0° 35' 20" W. 4951.4 ft.

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

Beginning at corner No.1 thence S 10° 24' E. 1453.3 ft. to corner No. 2. Thence S. 63° 00' W. 282.2 ft. to South East Center end, thence S 63° 00' W. 284.7 ft. to corner No.3. Thence N. 8° 55' W. 1499.6 ft. to corner No.4. Thence 63° 00' E. 284.7 ft. to North West center end Thence N. 71° 09' E. 234.62 ft. to corner No.1, the place of beginning.

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

This is an Amended Location Notice of the KATHERINE A. Mining Claim, located by Michael O'Connell on the 28th day of May 1900, and recorded in book 18 of Records of Mines at Page 54, in the office of the County Recorder of the aforesaid County of Cochise, to which reference is hereby made.

Dated and posted on the ground this 25th day of May 1909.

N. L. Amster

Geo. K. Reed.

Witness.

Filed and recorded at request of Geo. K. Reed, May 26, 1909 at 11:50 A. M. in Book 40 at pages 298 and 299.

Territory of Arizona,)
County of Cochise.)ss

I, C. A. McDonald, County Recorder in and for the County and Territory aforesaid do hereby certify that I have compared the annexed and forgoing copy with the Amended Location Notice of the Katherine A. Mining Claim filed for record in my office on the 26th day of May 1909 and recorded in Book 40 Records of Mines pages 298 and 299 and that the same is a full true and correct copy of said Amended Location Notice and of the whole thereof.

Given under my hand and seal of office this 3rd day of August A D 1909.

C. A. McDonald,
County Recorder.

By.

E. A. Hughes

Deputy.

RECORDED
INDEXED
AUG 10 1909

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

DEPARTMENT OF THE INTERIOR,

OFFICE OF U. S. SURVEYOR GENERAL,

Phoenix, Arizona.

March 21, 1910., 1910.

I, U. S. Surveyor General for Arizona,
do hereby certify that the foregoing transcript of the Field Notes, return and approval
of the Survey of the mining claim of Nathan L. Amster,

known as the Empire Mine, Charleston, Durand, Dandy, Elizabeth,
Copper Belle, Oak Grove, Joe and Katherine A.
situate in Turquoise

Mining District, Cochise County,
Arizona Territory, in Section ----, Township No. 19 S.,
Range No. 25 E. Unsur., and designated as Survey

No. 2724, has been correctly copied from the originals on
file in this office; that said Field Notes furnish such an accurate description of said
mining claim as will, if incorporated into a patent, serve fully to identify the premises,
and that such reference is made therein to natural objects or permanent monuments as
will perpetuate and fix the *locus* thereof.

And I further certify that five hundred dollars' worth of labor has been expended
or improvements made upon ^{or for each of} said mining claims by claimant or his grantors, and
that said improvements consist of 37 shafts, 3 cuts, and 3 irregular workings,
total value, \$23,251., shaft No. 6 on the Charleston lode, value, \$9,451.,
being a common improvement for the benefit and development of the 9
claims in this survey, as well as the Chance, Gnat, Independence and Lizz-
zie lodes, unsurveyed, an undivided 1/13 interest therein, value, \$727.,
is properly credited to each of the claims in this survey, the other 4/13
interest therein, value, \$2908., being reserved for the Chance, Gnat, Indep-
endence and Lizzie lodes, unsurveyed.

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

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

Frank S. Ingalls,

United States Surveyor General for Arizona.

4-687.

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

Department of the Interior,

Office of U. S. Surveyor-General,

Phoenix, Arizona.

March 21, 1910.

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

do hereby certify that the foregoing and hereto attached Field Notes and Return of the Survey of the Mining Claim of Nathan L. Amster,

known as the Empire Mine, Charleston, Durand, Dandy, Elizabeth, Copper Belle, Oak Grove, Joe and Katherine A.

situate in Turquoise Mining District, Cochise County, Arizona Territory,

in Section Township No. 19 S., Range No. 25 E. Unsur. designated as Survey No. 2724,

executed by Lamar Cobb, U. S. Deputy Mineral

Surveyor, Jan. 6-7, 1910, under my instructions dated

December 31, 1909, 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 of Frank J. Lyall

U. S. Surveyor-General for Arizona.