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AUG. 12 1916 <sup>1</sup>

DEC. 16 1916

FEB. 1 - 1917

4-683.

Mineral Survey No. 3304

Lot No.

Arizona

Land District.

# FIELD NOTES

OF THE SURVEY OF THE MINING CLAIM OF

The Detroit Copper Mining Company of Arizona

KNOWN AS THE

LLAVE, DEWEY, ORO, DESPRECIO, BELL, BIG MIKE, THREE LOOP, JUNE, GLOBE,  
FORD, CANON and TERAPIN JACK lodes

Copper Mountain

Mining District,

Greenlee

County,

Arizona

Sections 21 and 22 Uns. Township 4 South, Range 29 E., G. & S. E. B. & M.

Surveyed under instructions dated June 3, 1916.

by E. T. Morton

U. S. Deputy Mineral Surveyor

Claim located See location notices, 1

Survey commenced July 1, 1916.

Survey completed August 5, 1916.

Address of Attorney:

Ellinwood & Ross,

Globe, Arizona.

1.

Feet	SURVEY No. 3304
	Llave lode
	Beginning at true point for Cor. No. 1.
	On line 3-4 Sur. No. 1031 A Pelican lode, at N 41°08' E.
	1475.6 ft. from Cor. No. 4, also on line 3-4 Oro lode
	of this survey, at S 40°02' E. 223.4 ft. from Cor. No. 4.
	Impracticable to set Cor. as it is situate on side of
	slag dump.
	U. S. L. M. No. 1654 bears N 26°22' W. 5624.6 ft.
	Witness Cor. bears S 41°08' W. 151.3 ft.
	A redwood post 4 x 6 ins. 5 ft. long set 24 ins. in the
	ground with a mound of stones scribed W.C. L1-3304.
	Thence S 40°02' E.
115.0	Intersect Morenci Cañon course Southeast.
303.6	Northeast end center of the location and lode.
434	Intersect wagon road course Northwest to Southeast.
607.2	To Cor. No. 2.
	Identical with Cor. No. 1 Dewey lode of this survey.
	On line 3-4 Oro lode of this Sur. at N 40°02' W. 669.4
	ft. from Cor. No. 3.
	A redwood post 4 x 6 ins. 5 ft. long set 24 ins. in the
	ground with a mound of stones scribed Dew1-L2-3304
	No bearings available.
	Thence S 41°08' W.
104.5	Intersect Morenci Southern R.R. course Northwest to
	Southeast.
1475.6	To Cor. No. 3.
	Identical with Cor. No. 4 Dewey lode of this survey.
	A redwood post 4 x 6 ins. 5 ft. long set 24 ins. in the
	ground with a mound of stones scribed Dew4-L3-3304.
	No bearings available.
	Thence N 40°02' W.
303.6	Southwest end center of the location and lode.

607.2 To Cor. No. 4.  
 Identical with Cors. Nos. 4 and 2 Sur. No. 1031 A,  
 Pelican and Sur. No. 3316 Pelican Extension Mine lodes  
 respectively.

A redwood post in place 4 x 6 ins. 3 ft. high with a  
 mound of stones scribed L4-3304.

No bearings available.

Thence N 41°08' E.

1296.1 Intersect Morenci Southern R.R. course Northwest to  
 Southeast.

1324.3 To witness Cor. for Cor. No. 1, heretofore described.

1351.5 Intersect wagon road course Northwest to Southeast.

1426 Intersect Morenci Cañon course Southeast.

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

#### Dewey lode.

Beginning at Cor. No. 1.

Identical with Cor. No. 2 Llave lode of this survey,  
 heretofore described.

U. S. L. M. No. 1654 bears N 27°41' W. 6216.1 ft.

Thence S 40°02' E.

183.0 Intersect Morenci Southern R. R. course Northwest to  
 Southeast.

303.6 Northeast end center of the location and lode.

607.2 To Cor. No. 2.

On line 3-4 Oro lode of this survey at N 40°02' W.  
 62.2 ft. from Cor. No. 3.

A redwood post in place 4 x 6 ins. 3 ft. high with  
 mound of stone scribed Dew-2-3304.

A cross (x) and B.R. 2-3304 chiseled on limestone  
 bedrock 3 x 4 ft. bears S 40°02' E. 11.1 ft.

Thence S 41°08' W.

22.84 Intersect line 3-4 Three Loop lode of this survey at

Feet	
	N 56°16' E. 388.49 ft. from Cor. No. 3.
368.74	Intersect line 2-3 Three Loop lode of this survey at S 64°53' E. 105.52 ft. from Cor. No. 3.
389.98	Intersect line 3-4 June lode of this survey at N 56° 16' E. 676.54 ft. from Cor. No. 3.
992.35	Intersect line 2-3 June lode of this survey at S 64°53' E. 183.75 ft. from Cor. No. 3.
1475.6	To Cor. No. 3. A redwood post 4 x 6 ins. 5 ft. long set 24 ins. in the ground with a mound of stones scribed Dew3-3304. No bearings available.
	Thence N 40°02' W.
303.6	Southwest end center of location and lode.
607.2	To Cor. No. 4.
	Identical with Cor. No. 3 Llave lode of this survey heretofore described. Thence N 41°08' E.
1371.1	Intersect Morenci Southern R.R. course Northwest to Southeast.
1475.6	To Cor. No. 1 the place of beginning. Oro lode. Beginning at point for Cor. No. 1. Identical with Cors. Nos. 1, 33, and 19, Sur. No. 1706, Last Chance lode, and Sur. No. 1127 Detroit and Michigan lodes respectively. Impracticable to set Cor. as it is situate on side of open cut. U.S.L.M. No. 1654 bears N 32°10' W. 5360.4 ft. Witness Corner bears S 40°02' E. 18 ft. A redwood post 4 x 6 ins. 5 ft. long set 24 ins. in the ground with a mound of stones scribed W.C. 01-3304. No bearings available. Thence S 40°02' E.

Feet	
18.0	Witness Cor. for Cor. No. 1, hereto fore described.
552.4	Cor. No. 4 Sur. No. 1706 Last Chance lode and pt. for Cor. No. 3, Desprecio lode of this survey.
582.2	Witness corner for Cor. No. 3 Desprecio lode of this survey.
996.67	Intersect line 3-4 Big Mike lode of this survey at N 39°14'E. 466.4 ft. from Cor. No. 3.
1110	Intersect wagon road course Northwest to Southeast.
1157	Cor. No. 2, Desprecio lode of this survey.
1426	Intersect Morenci Southern R.R. course Northeast to Southwest.
1446.3	Witness corner for Cor. No. 2, hereinafter described.
1500	To true point for Cor. No. 2. Impracticable to set Cor. as it is situate in creek bed. Cor. No. 4 Big Mike lode of this survey bears N 26°13'W. 543.6 ft. Cor. No. 3 Big Mike lode of this survey bears N 87°47' W. 619.21 ft. Witness Cor. bears N 40°02' W. 53.7 ft. A redwood post 4 x 6 ins. 5 ft. long set 24 ins. in the ground with a mound of stones scribed W.C.02-3304. No bearings available. Thence S 56°29' W. from true cor. point
10.0	Intersect Morenci Canon, course Southeast.
97.0	Intersect Morenci Southern R.R. course Northwest to Southeast.
282.29	Intersect lines 2-3 and 4-1 Big Mike and Three Loop lodes of this survey at S 64°53' E. 423.52 ft. and 66.64 ft. from Cors. Nos. 3 and 4 respectively.
300.0	Southeast end center of location and lode.
307.0	Intersect Morenci Southern R.R. course Northwest to Southeast.
600	To Cor. No. 3. A redwood post in place 4 x 6 ins. 3 ft. high with

Feet	mound of stone scribed O 3-3304, whence Cor.No.4 Three
1000	Loop lode of this survey bears N.45°07'E.288.7 ft.
	Thence N.40°02'W.
56.2	Intersect line 3-4 Three Loop lode of this survey at
	S.56°16'W.289.4 ft.from Cor.No.4.
62.2	Cor.No.2 Dewey lode of this survey.
486.4	Intersect Morenci Southern R.R., course Northwest to
	Southeast.
669.4	Cors.Nos.1 and 2 Dewey and Llave lodes of this survey
	respectively.
842.6	Intersect wagon road course Northwest to Southeast.
1161.6	Intersect Morenci Cañon course Southeast.
1276.6	Cor.No.1 of the Llave lode of this survey, also intersect
	line 3-4 Sur.No.1031A Pelican lode at S.41°08'W.24.4 ft.
	from Cor.No.3.
1436.1	Intersect line 2-3 Sur.No.1031A Pelican lode at N.48°50W.
	157.6 ft.from Cor.No.3.
1500	To Cor.No.4.
	Identical with Cor.No.34 Sur.No.1127 Detroit lode.
	A redwood post, 4 x 6 ins., 5 ft. long set 24 ins. in the
	ground with a mound of stones scribed O 4- 3304.
	No bearings available.
	Thence N.56°29'E.
300	Northwest end center of the location and lode.
600	To Cor.No.1, the place of beginning.
	Desprecio lode.
	Beginning at Cor.No.1.
	On line 2-3 Sur.No.2887 Lampasas lode at S.71°06'E.
	446.9 ft.from Cor.No.3.
	A redwood post, 4x6 ins., 5 ft. long, set 24 ins. in the ground
	with a mound of stone scribed D 1-3304 whence S.W.Cor.
	Sec.13 T.4 S., R.29 E., G. & S.R.B. & M. bears N.87°20'E.
	9889.4 ft.
	Cor. of the location bears N.38°17'E.109.4 ft.
	Thence S.38°17'W.
569.7	Cor.No.4 Bell lode of this survey.
992	Intersect wagon road, course northwest to southeast.

1187.3	Feet. Cor.No.3 Bell lode of this survey,also intersect line 4-1 Big Mike lode of this survey at S.65°35'E.159.4 ft.from Cor.No.4.
1375	Intersect wagon road course Northwest to Southeast.
1390	To Cor.No.2. On line 1-2 Oro lode of this survey at N.40°02'W.343. ft. from Cor.No.2. A redwood post,4x6 ins.,set 24 ins.in the ground with a mound of stones scribed D 2-3304 whence A cross (x) and BR 2-3304 chiseled on limestone bedrock 3x3 ft.bears N.47°50'E. 5.2 ft. Thence N.40°02'W.
147	Intersect wagon road course Northwest to Southeast.
160.33	Intersect line 3-4 Big Mike lode of this survey at S.39°14W. 132 ft.from Cor.No.4.
301.7	Southwest end center of the location and lode.
574.8	Witness Cor.for Cor.No.3. A redwood post 4x6 ins.5 ft.long set 24. ins.in the ground with a mound of stones scribed.W C D 3-3304.
604.6	To true point for Cor.No.3. Impractical to set corner on account of wagon lot. On line 1-2 Oro lode of this survey. Identical with Cor.No.4,Sur.No.1706 Last Chance lode. Witness Cor.heretofore described brs.S.40°02'E.29.8 ft. Thence N.38°24'E.
483	Intersect wagon road,course Northwest to Southeast.
1059.99	Cor.No.3 Sur.No.1706 Last Chance lode,also intersect line 2-3 Sur.No.2887 Oposura lode at N.71°06'W.178.4 ft. from Cor.No.2.
1389.36	To Cor.No.4. A redwood post,4x6 ins.,5 ft.long,set 24 ins.in the ground with a mound of stones scribed D 4-3304,whence A cross (x) and BR 3-3304 chiseled on limestone bedrock 3x4 ft.2 ft.above surface bears N.55°40'W.24.65 ft. Cor.of the location bears N.38°24'E. 107 ft.

Feet

Thence S 40°02'E.

79.87 Intersect line 1-2 and 3-4 Sur. No. 2887 Oposura and Lampasas lodes at N 18°54'E.269.23 ft. from Cors. Nos. 2 and 3 respectively.

299.9 Northeast end center location and lode.

601.6 To Cor. No. 1 the place of beginning.

Bell lode.

Beginning at Cor. No. 1.

A redwood post in place 4 x 6 ins. 3 ft. high with mound of stones scribed B1-3304 whence

The S.W. Cor. Sec. 13 T 4 S R 29 E. G. & S.R.B&M. bears N 80°13'E 8997.4 ft.

A cross (x) and BR 1-3304 chiseled on limestone bedrock 3x3ft.flush with the surface bears N 27°09' E. 15.66 ft.

Thence S 38°17'W.

308.8 Southeast end center location and lode.

617.6 To Cor. No. 2.

A redwood post in place 4 x 6 ins. 3 ft. high with mound of stones scribed B2-3304 whence

A cross (x) and BR 2-3304 chiseled on limestone bedrock 6x3 ft.facing west bears N 65°35'W. 14.9 ft.

Thence N 65°35'W.

153.7 Cor. No. 1 Big Mike lode of this survey.

404 Intersect gulch course Southwest.

785 Intersect wagon road course Northwest to Southeast.

1262 Intersect wagon road course Northeast to Southwest.

1499 To Cor. No. 3.

On line 4-1 and 1-2 Big Mike and Desprecio lodes of this survey at S 65°35'E.159.4 ft.from Cor.No.4, and N 38°17'E.202.7 ft. from Cor. No. 2 respectively.

A redwood post in place 4 x 6 ins. 3 ft. high with a mound of stones scribed B3-3304 whence

A cross (x) and BR 3-3304 chiseled on limestone bedrock



Feet	3 x 4 ft. 2 ft. above surface bears N 39°35'E.31.55 ft.
	Thence N 38°17'E.
308.8	Northwest end center location and lode.
617.6	To Cor. No. 4.
	On line 1-2 Desprecio lode of this survey at S 38°17'W.
	569.7 ft. from Cor. No. 1.
	A redwood post 4 x 6 ins. 5 ft. long set 24 ins. in the ground with a mound of stones scribed B4-3304.
	No bearings available.
	Thence S 65°35'E.
1499	To Cor. No. 1 the place of beginning.
	Big Mike lode.
	Beginning at Cor. No. 1.
	On line 2-3 Bell lode of this survey at N 65°35'W.
	153.7 ft. from Cor. No. 2.
	A redwood post in place 4 x 6 ins. 3 ft. high with mound of stones scribed BM 1-3304 whence
	S.W. Cor. Sec. 13 T 4 S R 29 E G. & S. R. B&M. bears N 78°17'E.9589.4 ft.
	A cross (x) and BR 1-3304 chiseled on limestone bedrock 3 x 2' flush with surface bears S 39°14'W.14.35 ft.
	Thence S 39°14'W.
17.3	Cor. No. 4 Globe lode of this survey.
308.65	Southeast end center of the location and lode.
449.0	Intersect wagon road course Northwest to Southeast.
567	Intersect Morenci Southern R.R.course Northwest to Southeast.
592.3	Witness corner for Cor. No. 2 identical with witness corner for Cor. No. 3 Globe lode of this survey.
	A redwood post in place 4 x 6 ins. 3 ft. high with a mound of stones scribed W.C.-G3 W.C.-B.M.2-3304.
600	Intersect Morenci Cañon course Southeast.
617.3	To point for Cor.No.2.

Feet	<p>Identical with point for Cor.No.3 Globe lode of this survey and also on line 4-1 Three Loop lode of this survey at N.64°53'W.346 ft.from Cor.No.1.</p> <p>Impracticable to set corner on account of cañon.Witness Cor.heretofore described bears N.39°14'E. 25 ft.</p> <p>A cross (x) and BR 3-2-3304 chiseled on limestone face 10 ft.high bears N.39°14'E. 56.5 ft.</p> <p>Thence N.64°53'W.from true Cor.point.</p>
458	Intersect Morenci Southern R.R.course Northwest to Southeast.
544	Intersect Morenci Southern R.R.course Northwest to Southeast.
676	Intersect Morenci Southern R.R.course East to West.
1076.48	Intersect line 2-3 Oro lode of this survey at S.56°29'W. 282.29 ft.from Cor.No.2.
1143	Cor.No.4 Three Loop lode of this survey.
1389	Intersect Morenci Southern R.R. course Northwest to Southeast.
1500	<p>To point for Cor.No.3.</p> <p>Impracticable to set corner on account of railroad cut. Witness Cor.bears N.39°14'E. 28.5 ft.</p> <p>A redwood post,4x6 ins.,5 ft.long,set 24 ins.in the ground with a mound of stone scribed W C B M 3-3304.</p> <p>No bearings available.</p> <p>Thence N.39°14'E.from true Cor.point.</p>
13.8	Intersect Morenci Southern R.R.course Northwest to Southeast.
28.5	To witness Cor.for Cor.No.3,heretofore described.
175	Intersect Morenci Southern R.R.course Northwest to Southeast.
196	Intersect Morenci Cañon course Southeast.
308.65	Northwest end center of the location and lode.

- 396 Intersect wagon road course Northwest to Southeast.
- 466.4 Intersect lines 1-2 and 2-3 Oro and Desprecio lodes of this survey at N.40°02'W.503.33 ft.and 160.33 ft.from Cors.No.2 and 2 respectively.
- 598.4 To Cor.No.4.
- A redwood post,in place,4 x 6 ins.,3ft.high with a mound of stone scribed B M 4-3304,whence
- A cross (x) and BR 4-3304 chiseled on limestone bedrock 1x3 ft.bears S.12°50'E. 24.74 ft.
- Thence S.65°35'E.
- 159.4 Cor.No.3 Bell lode of this survey.
- On line 1-2 Desprecio lode of this survey at N.38°17'E. 202.7 ft.from Cor.No.2.
- 396.4 Intersect wagon road course Northeast to Southwest.
- 873.4 Intersect wagon road course Northwest to Southeast.
- 1254.4 Intersect Gulch course Southwest.
- 1504.7 To Cor.No.1,the place of beginning.
- Three Loop lode.
- Beginning at Cor.No.1.
- A redwood post,in place,4x6 ins.,3 ft.high,with a mound of stone scribed T L 1-3304 whence
- The S.W.Cor.Sec.13 T.4 S.,R.29 E.,G.& S.R.B.& M.
- N.74°47'E. 9810.2 ft.
- A cross (x) and BR 1-3304 chiseled on sandstone bedrock 1 x 3 ft.2 ft high facing West bears N.56°38'E.73.19 ft.
- Thence S.56°16'W.
- 83.7 Cor.No.4 Ford lode of this survey,also intersect line 2-3 Globe lode of this survey at S.51°34'E.311.1 ft. from Cor.No.3.
- 218.7 Intersect Morenci Southern R.R. course Northwest to Southeast.
- 294.1 Cor.No.3 Ford lode of this survey.

Feet	
350.3	Southeast end center of location and lode.
700.6	To Cor. No. 2.
	<p>Identical with Cor. No. 1 June lode of this survey.  A redwood post in place 4 x 6 ins 3 ft. high with mound of stones scribed J1- T.L. 2-3304, whence  A cross (x) and BR 1-2-3304 chiseled on limestone bedrock 2 x 1 ft. flush with surface bears S 50°55'W.  5.5 ft.</p>
	Thence N 64°53'W.
1377	Cor. No. 4 June lode of this survey.
1383.48	<p>Intersect line 2-3 Dewey lode of this survey at  S 41°08'W. 368.74 ft. from Cor. No. 2.</p>
1489	To Cor. No. 3.
	<p>A redwood post in place 4 x 6 ins. 3 ft. high with a mound of stones scribed T.L.3-3304 whence  A cross (x) and BR 3-3304 chiseled on limestone bedrock 4 x 2 ft. flush with surface bears N 56°16'E.  3.7 ft.</p>
	Thence N 56°16'E.
350.3	To the Northwest end center location and lode.
388.49	<p>Intersect line 2-3 Dewey lode of this survey at  S 41°08'W. 22.84 ft. from Cor. No. 2.</p>
411.2	<p>Intersect line 3-4 Oro lode of this survey at N 40°02'  W. 56.2 ft. from Cor. No. 3.</p>
673	Intersect Morenci Southern R. R. course <b>Southeast to Northwest.</b>
700.6	To Cor. No. 4.
	<p>On line 2-3 Big Mike lode of this survey at S 64°53'E.  357 ft. from Cor. No. 3.  A redwood post in place 4 x 6 ins. 3 ft. high with a mound of stones scribed T.L.4-3304, whence  A cross (x) and BR 4-3304 chiseled on sandstone bedrock</p>

Feet	
	<p>1 x 1. ft. flush with surface bears N 74°46'W. 4.65 ft.</p> <p>Thence S 64°53'E.</p>
66.64	<p>Intersect line 2-3 Oro lode of this survey at N 56°29'E. 317.71 ft from Cor. No. 3.</p>
467	<p>Intersect Morenci Southern R.R. course East to West.</p>
599	<p>Intersect Morenci Southern R. R. course Northwest to Southeast.</p>
685	<p>Intersect Morenci Southern R.R. course Northwest to Southeast.</p>
1143	<p>Cors. Nos. 2 and 3 Big Mike and Globe lodes of this survey respectively.</p>
1489	<p>To Cor. No. 1 the place of beginning.</p> <p>June lode.</p> <p>Beginning at Cor. No. 1.</p> <p>Identical with Cor. No. 2 Three Loop lode of this survey heretofore described.</p> <p>The S.W. Cor. of Sec. 13, T 4 S R 29 E. G. &amp; S. R.B.M. bears N 73°34'E. 10476.8 ft.</p> <p>Thence S. 56°16'W.</p>
350.2	<p>Southeast end center of location and lode.</p>
700.4	<p>To Cor. No. 2.</p> <p>A redwood post in place 4 x 6 ins. 3 ft. high with a mound of stones scribed J2-3304, whence</p> <p>A cross (x) and BR 2-3304 chiseled on limestone bedrock 4 x 3 ft. flush with surface bears S 55°21'W. 12.1 ft.</p> <p>Thence N 64°53'W.</p>
1193.25	<p>Intersect line 2-3 Dewey lode of this survey at S 41°08' W. 992.35 ft. from Cor No. 2.</p>
1377	<p>To Cor. No. 3.</p> <p>A redwood post in place 4 x 6 ins. 3 ft. high with a mound of stones scribed J3-3304.</p>

Feet	Thence N.56°16'E.
350.2	Northwest end center of the location and lode.
676.54	Intersect line 2-3 Dewey lode of this survey at S.41°08'W. 389.98 ft.from Cor.No.2.
700.4	To Cor.No.4. On line 2-3 Three Loop lode of this survey. A redwood post, in place, 4x6 ins., 3 ft. high, with a mound of stone scribed J 4-3304, whence A cross (x) and BR 4-3304 chiseled on limestone bedrock 1x2 ft. flush with surface bears N.71°19'W.6.3 ft. Thence S.64°53'E.
1377	To Cor.No.1, the place of beginning. Globe lode. Beginning at Cor.No.1. Identical with Cor.No.4 Cañon lode of this survey. A redwood post, in place, 4x6 ins., 3 ft. high, with a mound of stone scribed C 4- G 1-3304, whence S.W.Cor.Sec.13, T.4 S., R.29 E., G. & S.R.B. & M. bears N.70°37'E.8719.8 ft. Thence S.39°14'W.
33	Intersect Morenci Southern R.R. course Northwest to Southeast.
155	Intersect Morenci Cañon course Southeast.
300	Southeast end center of the location and lode.
600	To Cor.No.2. Identical with Cor.No.3 Cañon lode of this survey. A redwood post, in place, 4x6 ins., 3 ft. high, with a mound of stone scribed C 3- G 2-3304 whence A cross (x) and BR 3-2-3304 chiseled on quartzite 4x6 ft. facing east bears S.39°14'W.2.4 ft. Thence N.51°34'W.
572.6	Cor.No.1 Ford lode of this survey.

Feet 1188.9	Cor.No.4 Ford lode of this survey,also intersect line 1-2 Three Loop lode of this survey at S.56°16'W.83.7 ft. from Cor.No.1.
1500	To point for Cor.No.3. Identical with point for Cor.No.2 Big Mike lode of this survey heretofore described.W.C.heretofore described brs. N.39°14'E.25 ft. Thence N.39°14'E.from true corner point.
17.3	Intersect Morenci Cañon course Southeast.
25	Witness Cor.for said Cor.No.3,identical with witness Cor.for Cor.No.2 Big Mike lode of this survey heretofore described.
50.3	Intersect Morenci Southern R.R.course Northwest to Southeast.
168.3	Intersect wagon road course Northwest to Southeast.
300	N. W. end center of the location and lode.
600	To Cor.No.4. On line 1-2 Big Mike lode of this survey at S.39°14'W. 17.3 ft.from Cor.No.1. A redwood post,in place,4x6 ins.,3 ft.high with a mound of stone scribed G 4-3304 whence A cross (x) and BR 4-3304 chiseled on limestone bedrock 2x3 ft.bears N.39°14'E.2.95 ft. Thence S.51°34'E.
957	Intersect wagon road Northeast to Southwest.
1168.6	Intersect Morenci Southern R.R.course Northeast to Southwest.
1500	To Cor.No.1,the place of beginning. Ford lode Beginning at Cor.No.1. On line 2-3 Globe lode of this survey at N.51°34'W. 572.6 ft.from Cor.No.2. A cross (x) and F 1-3304 chiseled on quartzite bluff 16 ft.high facing East,with a 4x6 ins.redwood post

Feet.	
	4 ft. high alongside. S. W. Cor. Sec. 13, T.4 S., R. 29 E. G. & S. R. B. & M. bears N.71°39'E. 9538.7 ft. Thence S.56°16'W.
153.55	Southeast end center of the location and lode.
307.1	To Cor. No. 2, A pine post, in place, 4 ins. square, 3 ft. high, with a mound of stones scribed F 2-3304, whence A cross (x) and B R 2-3304 chiseled on quartzite bed- rock 1x15 ft. facing east bears S.9°09'W. 8.6 ft. Thence N.42°39'W.
593.8	To Cor. No. 3. On line 1-2 Three Loop lode of this survey at S.56°16'W. 294.1 ft. from Cor. No. 1. A pine post, in place, 4 ins. square, 3 ft. high, with a mound of stones scribed F 3-3304, whence A cross(x) and B R 3-3304 chiseled on quartzite 7x5 ft. 3 ft. above surface bears S.42°39'E. 3.2 ft. Thence N.56°16'E.
75.4	Intersect Morenci Southern R.R., course northwest to southeast.
105.2	Northwest end center of the location and lode.
210.4	To Cor. No. 4. On line 2-3 and 1-2 Globe and Three Loop lodes of this survey at S.51°34'E. 311.1 ft. and S.56°16'W. 83.7 ft. from Cors. Nos. 3 and 1 respectively. A redwood post, in place, 4x6 ins., 3 ft. high, with a mound of stones scribed F 4-3304, whence A cross (x) and B R 4-3304 chiseled on quartzite bluff 6 ft. high facing east bears S.54°34'W. 20.8 ft. Thence S.51°34'E.
616.3	To Cor. No. 1, the place of beginning.



Feet.	
	Cañon lode.
	Beginning at Cor. No. 1.
	Identical with Cor. No. 4 Terapin Jack lode of this survey.
	A redwood post, in place, 4x6 ins., 3 ft. high, with a mound of stones scribed T J 4- C 1-3304, whence the S.W. Cor. Sec. 13, T. 4 S., R. 29 E., G. & S. R. B. & M. bears N.61°51'E. 7936.8 ft.
	Thence S.39°14'W.
120	Intersect Morenci Cañon, course southeast.
300	Southeast end center of the location and lode.
600	To Cor. No. 2.
	Identical with Cor. No. 3 Terapin Jack lode of this survey.
	A redwood post, in place, 4x6 ins., 3 ft. high, with a mound of stones scribed T J 3- C 2-3304, whence A cross (x) and B R 3-2-3304 chiseled on quartzite bedrock 2x1 ft. bears S.54°19'E. 14.0 ft.
	Thence N.55°18'W.
.84	Intersect line 5-6 Sur. No. 2448, Morenci No.1 placer at N.33°56'E. 49.9 ft. from Cor. No. 5., and S.33°56'W. 619.2 ft. from Cor. No. 6.
1493	To Cor. No. 3.
	Identical with Cor. No. 2 Globe lode of this survey heretofore described.
	Thence N.39°14'E.
300	Northwest end center of the location and lode.
445	Intersect Morenci Cañon, course southeast.
567	Intersect Morenci Southern R.R., course northwest to southeast.
600	To Cor No. 4.
	Identical with Cor. No. 1 Globe lode of this survey heretofore described.
	Thence S.55°18'E.
580	Intersect Morenci Southern R.R., course northwest to

Feet.	
	southeast.
846	Intersect Morenci Southern R.R., course northwest to southeast.
1436.73	Intersect line 5-6 Sur. No. 2448, Morenci No. 1 placer at S.33°56'W. 21.03 ft. from Cor. No. 6, and N.33°56'E. 648.07 ft. from Cor. No. 5.
1493	To Cor. No. 1, the place of beginning. Terapin Jack lode.  Beginning at Cor. No. 1. A redwood post, in place, 4x6 ins., 3 ft. high, with a mound of stones scribed T J 1-3304, whence S. W. Cor Sec. 13, T. 4 S., R. 29 E., G. & S. R. B. & M. bears N.51°18'E. 7426.7 ft. Thence S.39°14'W.
300	Southeast end center of the location and lode.
431	Intersect Morenci Southern R.R., course northwest to southeast.
600	To Cor. No. 2. A redwood post, in place, 4x6 ins., 3 ft. high, with a mound of stones scribed T J 2-3304. No bearings available.  Thence N.53°13'W.
42.94	Intersect line 7-8, Sur. No. 2448, Morenci No. 1 placer at S.2°51'W. 579.84 ft. from Cor. No. 7.
200	Intersect Morenci Cañon, course south.
1500	To Cor. No. 3. Identical with Cor. No. 2, Canon lode of this survey heretofore described.  Thence N.39°14'E.
300	Northwest end center of the location and lode.
480	Intersect Morenci Cañon, course southeast.
600	To Cor. No. 4. Identical with Cor. No. 1, Canon lode of this survey heretofore described.  Thence S.53°13'E.
103.72	Intersect line 6-7 Sur. No. 2448 Morenci No. 1 placer at N.46°30'W. 1010.89 ft. from Cor. No. 7.
1009	Intersect Morenci Southern R.R., course northwest to southeast.

Feet.  
1500

To Cor. No. 1, the place of beginning.  
Variation at all corners 13°40'E.

LODE LINES.

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

- Llave lode, 180 ft. N.41°08'E. and 1295.6 ft. S.41°08'W.
- Dewey lode, 182.6 ft. N.41°08'E. and 1293 ft. S.41°08'W.
- Oro lode, 400 ft. N.40°02'W. and 1100 ft. S.40°02'E.
- Desprecio lode, 666.4 ft. S.38°17'W. and 723.6 ft. N.38°17'E.
- Bell lode, 90 ft. N.65°35'W. and 1409 ft. S.65°35'E.
- Big Mike lode, 28 ft. S.64°53'E. and 1472 ft. N.64°53'W.
- Three Loop lode, 664 ft. S.64°53'E. and 825 ft. N.64°53'W.
- June lode, 200 ft. N.64°53'W. and 1177 ft. S.64°53'E.
- Globe lode, 513 ft. N.51°34'W. and 987 ft. S.51°34'E.
- Ford lode, 47.5 ft. N.47°11'W. and 555.82 ft. S.47°11'E.
- Cañon lode, 746 ft. S.55°18'E. and 747 ft. N.55°18'W.
- Terapin Jack lode, 300 ft. N.53°13'W. and 1200 ft. S.53°13'E.

AREAS.

	Acres.
Total area Llave lode - - - - -	20.325
Total area Dewey lode - - - - -	20.325
Area in conflict with:	
Three Loop lode of this survey - - - - -	0.403
June lode of this survey - - - - -	1.221
Total area Oro lode - - - - -	20.528
Area in conflict with:	
Sur. No. 1031 A Pelican lode - - - - -	0.044
Big Mike lode of this survey - - - - -	3.819
Three Loop lode of this survey - - - - -	0.395
Total area Desprecio lode - - - - -	18.845
Area in conflict with:	
Sur. No. 2887 Oposura lode - - - - -	0.847
Sur. No. 2887 Lampasas lode - - - - -	1.381
Big Mike lode of this survey - - - - -	0.599

Total area Bell lode - - - - - 20.634

Total area Big Mike lode - - - - - 20.299

Total area Three Loop lode - - - - - 20.495

- Area in conflict with:

Globe lode of this survey - - - - - 0.285

Total area June lode - - - - - 18.948

Total area Globe lode - - - - - 20.659

Total area Ford lode - - - - - 3.485

Total area Canon lode - - - - - 20.501

Area in conflict with:

Sur. No. 2448 Morenci No. 1 Placer - - 0.392

Total area Terapin Jack lode - - - - - 20.642

Area in conflict with:

Sur. No. 2448 Morenci No. 1 Placer - - 15.844

LOCATION.

This survey is located in the Copper Mountain Mining District, Greenlee County, Arizona, in Secs. 21 and 22 uns., T. 4 S., R. 29 E., G. & S. R. B. & M.

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 not less than five hundred dollars, and that said improvements consist of:

Llave lode.

No. 1. The discovery showing mineral, in place, is on the lode line 180 ft. from line 1-2.

No. 2. A shaft the center of which bears from Cor. No. 2 N. 85° 59' W. 733.4 ft. 4x6 ft. 50 ft. deep.

Value - - - \$500.00

No. 3. A shaft the center of which bears from Cor. No. 2 S. 72° 37' W. 1003.6 ft. 4x6 ft. 20 feet deep.

Value - - - \$200.00

Dewey lode.

No. 1. The discovery showing mineral, in place, is on the lode line 182.6 ft. from line 1-2.

No. 2. - - A tunnel with an open cut approach, the mouth of which bears from Cor. No. 1 S.5°14'E. 336.4 ft., 5x10 ft. running S.50°E. 15 ft. and 5x6 ft. tunnel 160 ft. long.  
Value - - - - \$1700.00

Oro lode.

No. 1. The discovery showing mineral, in place, is on the lode line 400 ft. from line 4-1.  
No. 2. An open cut the north side of the mouth of which bears from Cor. No. 1 S.51°14'W.168 ft., thence N.57°52'E. 183 ft., thence S.62°50'E. 115 ft., thence S.15°45'E. 50 ft., thence S.13°24'W. 100 ft., thence S.25°W. 190 ft. to south side of mouth. Average depth 80 ft.  
Value portion located on Oro lode - - \$15,000.00

Desprecio lode.

No. 1. The discovery shaft the center of which is on the lode line 666.4 ft. from line 2-3, 6x8 ft. 60 ft. deep.  
Value - - - - \$600.00

Bell lode.

No. 1. The discovery showing mineral, in place, is on the lode line 90 ft. from line 3-4.  
No. 2. A tunnel with an open cut approach, the mouth of which bears from point on line 2-3, 1246.7 ft. from Cor. No. 2, N.6°36'E. 294.3 ft., 4x10 ft. running N.58°E. 17 ft. open cut, and 82 ft. tunnel 4x6 ft.  
Value - - - - \$920.00

Big Mike lode.

No. 1. The discovery showing mineral, in place, is on the lode line 28 ft. from line 1-2.  
No. 2. A tunnel with an open cut approach, the mouth of which bears from Cor. No. 2 N.57°22'W. 374.8 ft., 5x8 ft. running N.69°44'W. 27 ft. open cut, 19 ft. 5x6 ft. tunnel.  
Value - - - - \$400.00

No.3.A tunnel with an open cut approach, the mouth of which bears from Cor.No.2 N.46°35'W.295.9 ft., 6x10 ft. running N.89°16'E.26 ft., open cut and 6 ft., tunnel 6x6 ft.

Value - - - - - \$250.00

Three Loop lode.

No.1.The discovery, showing mineral in place, is on the lode line 664 ft. from line 1-2.

No.2.A tunnel with an open cut approach, the mouth of which bears from Cor.No.4 S.28°34'E.539 ft., 5x10 ft. running S.28°E.17 ft., open cut, 130 ft., 5x6 ft. tunnel.

Value - - - - - \$1400.00

June lode.

No.1.The discovery shaft is on the lode line 200 ft. from line 3-4, 4x6 ft., 82 ft. deep.

Value - - - - - \$820.00

Globe lode.

No.1.The discovery showing mineral, in place, is on the lode line 513 ft. from line 3-4.

No.2.A shaft the center of which bears from Cor.No.1 S.78°14'W.311 ft. 4x6 ft. 98 ft. deep.

Value - - - - - \$980.00

Ford lode.

No.1.The discovery showing mineral, in place, is on the lode line 47.5 ft. from line 3-4.

No.2.An open cut the mouth of which bears from Cor.No.3 S.87°40'E.73.3 ft. 5x10 ft. running S.26°W.15 ft.

Value - - - - - \$100.00

No.3.An open cut, the mouth of which bears from Cor.No.3 N.62°28'E.42.8 ft., 5x10 ft., running S.40°W.12 ft.

Value - - - - - \$50.00

No.4.A tunnel the mouth of which bears from Cor.No.1  
N.70°16'W.397.2 ft.,4x6 ft.running S.31°07'W. 40 ft.

Value - - - - - \$400.00

Canon lode.

No.1.The discovery showing mineral,in place,is on the  
lode line 746 ft.from line 1-2.

No.2.A tunnel the mouth of which bears from Cor.No.4  
S.6°40'E.491 ft.,5x6 ft.running S.49°56'W.250 ft.

Value - - - - - \$2500.00

Terapin Jack lode.

No.1.The discovery showing mineral,in place,is on the  
lode line 300 ft.from line 3-4.

No.2.A shaft the center of which bears from Cor.No.4  
S.2°35'E.493.7 ft.,4x4 ft.,97 ft.deep.

Value - - - - - \$970.00

INSTRUMENT.

This survey was made with a Buff and Berger light  
mountain transit.The courses were deflected from the true  
meridian as determined by polaris observations.The dist-  
ances were measured with 5,50 and 500 ft.steel tapes.

ADJOINING LODES.

This survey is bounded on the North by Sur.No.2887  
Oposura and Lampasas lodes,The Arizona Copper Company,  
claimant,and the Gladiator No.2,Gladiator No.3,and  
Gladiator No.4 lodes unsurveyed,Walter Doudna,claimant;  
on the East by the Public Domain;on the South by Sur.No.  
2448 Morenci No.1 placer,abandoned,the El Paso,Stargo  
Extension and Zacatecas lodes unsurveyed,Wm.Keppler,claim-  
ant;and on the West by Sur.No.3316 Pelican Extension Mine  
lode and Sur.No.1031 A Pelican lode,claimant herein,Sur.  
No.1127 Detroit and Michigan lodes,The Arizona Copper

Company, claimant, and Sur.No.1706 Last Chance lode,  
Paul Becker, claimant.

REPORT.

The S.W.Cor.Sec.13, T.4 S., R.29 E., G.& S.R.B.& M. is a  
stone properly set and marked.

U.S.L.M.No.1654 is a post 7 ins.square properly set  
and scribed.

Sur.No.2887 Oposura and Lampasas lodes:

All corners are posts properly set and scribed.

Sur.No.1031 A Pelican lode:

Cors.Nos.2 and 4 are posts. Cor.No.3 has been obliterated  
and I located it by running from Cor.No.2.

Sur.No.1127 Detroit and Michigan lodes:

Cors.Nos.19, 33, and 34 have been obliterated. I located  
them by running from the nearest standing corner of said  
survey.

Sur.No.1706 Last Chance lode:

Cor.No.2 is a post properly set and scribed. Cors.Nos.  
1, 3 and 4 have been obliterated. I had located these  
corners before they were obliterated.

Sur.No.2448 Morenci No.1 placer:

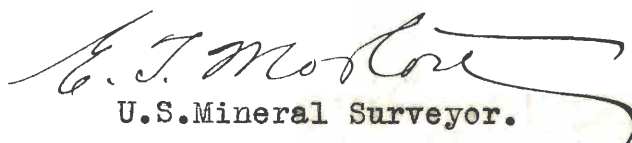
Cors.Nos.5, 6, 7 and 8 are posts properly set and scribed.

The survey of each lode embraced in this claim is  
identical with the respective location as staked upon  
the ground, except the Deprecio lode and it is within  
the location as staked upon the ground.

The differences between these field notes and the  
returns on previous 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 end center monuments are mounds of stone.

  
U.S. Mineral Surveyor.



AUG 12 1916 25

# FINAL OATHS FOR SURVEYS.

DEC 16 1916

## LIST OF NAMES.

A list of the names of the individuals employed by E.T. Morton

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

The Detroit Copper Mining Company of Arizona

known as the Llave, Dewey, Oro, Desprecio, Bell, Big Mike, Three Loop, June, Globe, Ford, Cañon and Terapin Jack lodes.  
and showing the respective capacities in which they acted.

- W.R. Hutchins ..... , Chainman.
- J.L. Awalt ..... , Chainman.
- D.P.W. Eylar ..... , Axman.
- ..... , Flagman.

## FINAL OATHS OF ASSISTANTS.

We, W.R. Hutchins, J.L. Awalt

and D.P.W. Eylar ..... , do solemnly swear that we assisted

E.T. Morton ..... , United States ~~Deputy~~ Mineral Surveyor, in marking the corners and surveying the boundaries of the mining claim of The Detroit Copper Mining Company of Arizona

known as the Llave, Dewey, Oro, Desprecio, Bell, Big Mike, Three Loop, June, Globe, Ford, Cañon and Terapin Jack 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

- W.R. Hutchins ..... , Chainman.
- J.L. Awalt ..... , Chainman.
- D.P.W. Eylar ..... , Axman.
- ..... , Flagman.

Subscribed and sworn to by the above-named persons before me this 10th

day of August, 1916

my Commission expires Feby. 23, 1920,

Wade Hampton  
Notary Public.

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

I, E.T. Morton, U. S. ~~Deputy~~ Mineral Surveyor, do solemnly swear that, in pursuance of instructions received from the United States Surveyor General for Arizona, dated June 3, 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 The Detroit Copper Mining Company of Arizona, known as the Llave, Dewey, Oro, Desprecio, Bell, Big Mike, Three Loop, June, Globe, Ford, Cañon and Terapin Jack lodes, situate in Copper Mountain Mining District, Greenlee County, Arizona, in Sections 21 and 22 Uns, Township No. 4 S., Range No. 29 E., G. & S. R. B. & M. and designated as Survey No. 3304, 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.

E. T. Morton  
U. S. ~~Deputy~~ Mineral Surveyor.

Subscribed and sworn to by the said E. T. Morton  
U. S. ~~Deputy~~ Mineral Surveyor, before me E. L. Spriggs  
A Notary Public this 10<sup>th</sup>  
day of August 1916.

E. L. Spriggs  
Notary Public.  
my Com. Expires - 10-28-1919.

STATE OF ARIZONA,

6655

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COUNTY OF GREENLEE

ss.

Rodney Ellis

I, ~~W. E. KELLY~~, County Recorder in and for the County of Greenlee, State of Arizona, do hereby certify that the

within and following is a true, full and complete copy of the within mentioned Amended Location

Notice of the Llave Mine

as the same appears of record in my office, in book No. 5 of Mining Locations

(Transcribed Records), at page 586.

IN WITNESS WHEREOF, I have hereunto set my hand and seal

of office, this 20th day of May A. D. 1916

Rodney Ellis  
County Recorder

(SEAL)



HAFFRICK-CLARKY LITHO. CO.

## AMENDED LOCATION NOTICE.

Amended Location Notice of the LLAVE Mine.

The location notice or certificate of Location of the LLAVE Mining claim, situate in the Copper Mountain Mining District, in the County of Graham, Territory of Arizona us hereby amended for the purpose of more accurately defining the boundaries of said claim and including within the boundaries of said amended location a portion of the unappropriated mineral lands of the United States as follows, to wit:

The undersigned has this 23rd day of June, 1903 located and claimed under the provisions of the several Acts of Congress relating to the development of the mineral resources of the United States 1467.6 feet in length and 300 feet in width on each side of the middle of the lode or deposit for mining purposes known as the Llave Mine, the location and boundaries of which are more particularly described as follows, to wit:

The length of this claim is 1467.6 feet 180 feet of which are N. 41° 10' E. and 1287.6 feet S. 41° 10' W. of the center of the discovery shaft at which this notice is posted. The general course of the lode deposit and premises is from North east to the South west.

The claim is situated ~~and located~~ in the Copper Mountain Mining District, Graham County, Territory of Arizona, and is described as follows:

Beginning at a monument of stones at the center of the South west end line running thence N. 40° W. 303.6 feet to corner No. 1 which is the same Cor. No. <sup>of</sup> 4/U. S. Mineral Survey No. 1031 A. Pelican Lode; thence N. 41° 10' 146.5 feet to Cor. No. 2; thence S. 40° E. 303.6 feet to a monument of stones at the center of the North east end line; thence S. 40° E. 303.6 feet to Cor. No. 3; thence S. 41° 10' W. 1467.6 feet to Cor. No. 4; thence N. 40° W. 303.6 feet to the place of beginning.

All corners are marked by pine posts 4 x 6 inches by 4½ feet long set 18 inches in the ground and in a mound of stones.

Date of this Amendment Notice of Location, June 23rd, 1903.

Date of the original location, may 12th, 1897, and Amended Nov. 29th, 1897.

All rights acquired by the original and Amended locations are hereby expressly reserved.

The Detroit Copper Mng. Co. of Arizona.

Witness: Geo M. Robison per C. E. Mills, its Agent & Supt.

Filed and recorded at request of C. E. Mills, June 26th, 1903 at 9:30 A. M.

Mit Simms, County Recorder.

*Randy Eeles*

I, ~~W. H. Eeles~~, County Recorder in and for the County of Greenlee, State of Arizona, do hereby certify that the

within and following is a true, full and complete copy of the within mentioned *Amended Certificate of Location of the Dewey Lake Claim* as the same appears of record in my office, in book *5* of *Unsubscribed Records of Mining Locations*, at page *587*.

IN WITNESS WHEREOF, I have hereunto set my hand and seal of office, this *20* day of *May* A. D. 191*6*.

*Randy Eeles*  
County Recorder



(SEAL)

AMENDED CERTIFICATE OF LOCATION.

DEWEY LODGE.

The undersigned hereby amend the original location certificate of the DEWEY Mining Claim situate in the Copper Mountain Mining District, in the County of Graham, Territory of Arizona which said original location certificate is duly recorded in the office of the Recorder of the County of Graham, in Book 10, Record of Mines, on pages 95 & 96.

Said location certificate is hereby amended so as to include within the claim, ground which is unclaimed and vacant, and to give a correct description of the same.

As Amended the description of said claim is as follows, to wit: The length of this claim is 1467.6 feet, and it claims 182.6 feet in a N. 41° 10' E. direction and 1285 feet in a S. 41° 10' W. direction from the discovery tunnel at which this notice is posted, lengthwise of the claim, together with three hundred feet of surface grounds on each side of the vein. The general course of said lode deposit and premises is from the North east to the South west.

The said claim is situated and located in the Copper Mountain Mining District, in Graham County, in the Territory of Arizona, the same being bounded and described as follows:

Beginning at a monument of stones at the center of the South west end line; thence N. 40° W. 303.6 feet to Cor No. 1 the same as Cor. No. 4 Llave Lode and from which Cor. No. 4 of U. S. Mineral Survey No. 1031 A. Pelican lode bears N. 40° W. 607.2 ft.; thence N. 41° 10' E. 1467.6 ft to Cor. No. 2, Same as Cor. No. 3 Llave lode; thence S. 40° E 303.6 feet to a monument of stones at center of N. E. end; thence S. 40° E. 303.6 feet to Cor No. 3; thence S. 41° 10' W. 1467.6 feet to Cor. No. 4; thence N. 40° W. 303.6 feet to the place of beginning.

The corners are marked by pine posts 4 x 6 inches by 4½ ft. long, set 18 inches in the ground and mound of stones.

All done under the provisions of Chapter Six, of Title XXXII





STATE OF ARIZONA, }  
COUNTY OF GREENLEE, } ss.

6653

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*Rodney Ellis*  
~~W. F. Kelly~~

County Recorder in and for the County of Greenlee, State of Arizona, do hereby certify that the

within and following is a true, full and complete copy of the within mentioned Amended Location  
Notice of The Oro Mine

as the same appears of record in my office, in book No. 5 of Mining Locations  
(Transcribed Records), at page 587.

IN WITNESS WHEREOF, I have hereunto set my hand and seal  
of office, this 20th day of May A. D. 1916

(SEAL)



*Rodney Ellis*  
County Recorder

MAFFICK-CLARK LITHO. CO.

## AMENDED LOCATION NOTICE OF THE ORO MINE.

The location notice or Certificate of Location of the ORO Mining claim, situate in the Copper Mountain Mining District, in the County of Graham, Territory of Arizona is hereby amended for the purpose of more accurately defining the boundaries of said claim and including within said boundaries that portion of the Lave Mining claim, heretofore in conflict with the Oro Mining claim.

As amended the description of claim is as follows, to wit: The undersigned has this 23rd day of June, 1903, located and claimed under the provisions of the several Acts of Congress, relating to the development of the mineral resources of the United States 1500 feet in length and 300 feet in width on each side of the middle of the lode or deposit for mining purposes known as the ORO Mine. The location and boundaries of which are more particularly described as follows, to wit:

Beginning at a mound of stones, at the center of the North west end line running thence N. 56° 29' E. 300 ft. to Cor No.1 same as Cor No.33 of U.S. Mineral Survey No. 1127 Detroit Lode; thence S. 40° E. 1500 feet to corner No.2 (This point comes to the bottom of a gulch where a corner would soon be destroyed, hence a witness post is set at N. 40° W. 40 ft from True Cor and marked W.C.Oro) Thence from true cor. No. 2 S. 56° 29' W. 300 feet to a mound of stones at center of South east end line; thence S. 56° 29' W. 300 feet to Cor No.3; thence N. 40° W. 1500 feet to Cor. No.4; thence N. 56° 29' E. 300 feet to the place of beginning, 400 feet of this claim are N. 40° W. of the discovery shaft and 1100 feet S. 40° E. of the same.

Corners and Witness are marked on pine posts 4X5 inches by 4½ feet long set 18 inches in the ground and in a mound of stones. All rights acquired by the original location made June 15th, 1897, and recorded June 16th, 1897, in the Records office of Graham County, Arizona, in Book 9 Records of Mines at page 248 and hereby expressly reserved.

Date of this Amended location June 23rd, 1903.

The Detroit Copper Mng. Co. of Arizona.

Witness: Geo M. Robison, per C.E. Mills, its Agent and Supt.

Filed and recorded at request of C.E. Mills, June 26th, 1903 at 10 A.M.

Mit Simms, County Recorder.

STATE OF ARIZONA, }  
COUNTY OF GREENLEE } ss.

*Rodney Ellis*

I, ~~W. B. KELLY~~, County Recorder in and for the County of Greenlee, State of Arizona, do hereby certify that the

within and following is a true, full and complete copy of the within mentioned Amended Notice  
of Mining Location of the Despreis Mining Claim,  
as the same appears of record in my office, in book 6 of Mining Locations  
(Transcribed Records), at page 463.

IN WITNESS WHEREOF, I have hereunto set my hand and seal  
of office, this 20th day of May A. D. 1916

*Rodney Ellis*  
County Recorder



(SEAL)

## AMENDED NOTICE OF MINING LOCATION.

## LODE CLAIM.

TO ALL WHOM IT MAY CONCERN:

The location certificate of This mining claim, the name of which is the DESPRECIO Mining Claim, situate on lands belonging to the United States of America, and in which there are valuable mineral deposits, is hereby amended for the purpose of giving better description by The Detroit Copper Mining Company of Arizona, Successor to Francisco Norte, the original locator, the undersigned, on the 3rd day of March 1905.

The length of this claim is 1500 fee, and it claims 666.4 ft in a S. 38° 17' W direction and 833.6 feet in a N 38° 17' 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 East to the South West.

The claim is situated and located in the Copper Mountain Mining District, in Graham County, in the Territory of Arizona, The South West corner of this claim is S. 40° E 551.4 ft. from Cor. No. 33 of U. S. Mineral Survey No. 1127 Detroit lode (Patented).

The surface boundaries of the claim are marked upon the ground as follows: Beginning at a Monument of stones at a point in a S. 38° 17' W direction 666.4 feet from the discovery shaft ( at which this notice is posted), being in the center of the S. W. end line of said claim; thence N. 40° W 300 feet to a post and Mound of stones, being the S. W. corner of said claim; thence N. 38° 17' E 1500 feet to a post and mound of stones, being at the N. W. corner of said claim; thence S. 40° E 300 feet to a Mound of stones, at the center of the N. E. end of said claim; thence S. 40° E 300 feet to a Post and mound of stone, being at the N. E. corner of said claim; thence S. 38° 17' W 1500 feet to a post and mound of stones at the S. E. corner of said claim; thence N. 40° W 300 feet to the place of beginning.

All done under the provisions of Chapter Six, of Title XXXII,

of the Revised Statutes of the United States, and of an Act of the General Assembly of Arizona, entitled "An Act to Revise and Codify the Laws of the Territory of Arizona" approved March 16th 1901.

Dated and posted on the ground this 3rd day of March 1905.

This amended notice is made to conform with the original upon the ground. Detroit Copper Mining Co. of Arizona

By C. E. Mills Supt.

Witness: Geo M. Robison

Per Louis R. Wallace.

Filed and recorded at request of Detroit Cop. M. Co. March 6, 1905 at 10 A. M.

Mit Simms  
County Recorder.

RECORDED  
MARCH 15 1905

STATE OF ARIZONA,

COUNTY OF GREENLEE

} ss.

6651

37

*Rodney Ellis*  
I, ~~W. E. KELLEY~~, County Recorder in and for the County of Greenlee, State of Arizona, do hereby certify that the

within and following is a true, full and complete copy of the within mentioned Notice of Mining Location,

as the same appears of record in my office, in book No. 7 of Mining Locations,  
(Transcribed Records) at page 495-496

IN WITNESS WHEREOF, I have hereunto set my hand and seal  
of office, this 20 day of May A. D. 1916

(SEAL)



*Rodney Ellis*  
County Recorder

NOTICE OF MINING LOCATION.

38

Lode Claim.

TO ALL WHOM IT MAY CONCERN:

This Mining Claim, the name of which is the BELL 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 The Detroit Copper Mining Company of Arizona, A corporation organized under the laws of the State of Michigan the undersigned, on the 1st day of January 1910

The length of this claim is Fifteen hundred feet and it claims Ninety feet in, an  $65^{\circ} 27'$  W direction, and Fourteen hundred and Ten feet in a S.  $65^{\circ} 27'$  E. direction from the center of the discovery cut, 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 N.  $65^{\circ} 27'$  W. to S.  $65^{\circ} 27'$  E.

The claim is situated and located in the Copper Mountain Mining District, in Graham County, in the Territory of Arizona, about 2720 ft. in a S.  $65^{\circ} 13'$  E. direction from U.S. Mineral Monument No.4. to the South West corner of this claim which is at the intersection of the East side line of the Depprecio Claim and the North side line of the Big Mike Claim.

The surface boundaries of the claim are marked upon the ground as follows: Beginning at a Mound of Stones, at a point in a N.  $65^{\circ} 27'$  E. direction 90 feet from the discovery cut ( at which this notice is posted) , being in the center of the west end line of said claim, thence N.  $38^{\circ} 25'$  E. 309 feet to a mound of stones, being the North West corner of said claim; thence S.  $65^{\circ} 27'$  E. 1500 feet to a Mound of Stones, being at the North East corner of said claim; thence S.  $38^{\circ} 25'$  W. 309 feet to a Mound of Stones at the center of the East end of said claim thence S.  $38^{\circ} 25'$  W. 309 feet to a Mound of Stone, being at the South East corner of said claim; thence N.  $65^{\circ} 27'$  W. 1500 feet to a Mound of Stones at the South West corner of said claim; thence N.  $38^{\circ} 25'$  E. 309 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 an Act of the General Assembly of Arizona, entitled "An Act to Revise and Codify the Laws of the

Territory of Arizona, " approved March 16th,1901.

Dated and posted on the ground this 1st day of January 1910

The Detroit Copper Mng. Co. of Ariz.

Witness

Per. C.E.Mills Supt and Agent.

Geo M.Robinson

M.H.McLean.

Filed and recorded at request of Detroit Copper Company Feby 5" 1910  
at 9 A M.

D.H.Claridge

County Recorder.

By Lillie Claridge Deputy.



# Amended Location Notice

NOTICE IS HEREBY GIVEN THAT THE UNDERSIGNED

The Detroit Copper Mining Company of Arizona

a corporation, the assignee of Geo. McCormick, J. A. Farrell, A. D. McLean and Bud McLean

who on the 27th day of March 1897, ~~19~~, located the Big Mike

mining claim situated in the Copper Mountain Mining District Greenlee (formerly Graham)

County, Arizona, the location notice of which claim is of record in the office of the Recorder of said County in Book 3, Record of Mines, page 512, Transcribed, has on this 20th day of May 1916,

made an amended location of said claim, by virtue of which and of said original location, it claims as a mining claim the following described lead, lode or vein of mineral bearing earth, rock or quartz and premises situated in the Copper Mountain Mining District, in the County of Greenlee Arizona, to-wit:

The name of said claim is the Big Mike Mining Claim. The name of the locator is The Detroit Copper Mining Company of Arizona

The length of the claim along said vein or lode is 1500 feet; the width of said claim is 300 feet on each side of the middle of said lead, lode or vein. The general course of said lode and claim is N.W. to S.E. The distance from the Point of Discovery to the N.W. end center monument of said claim is 1472 feet. The distance from said Point of Discovery to the S.E. end center monument is 28 feet.

This Location Notice is posted in the monument of stones erected at said Point of Discovery upon said claim, which monument is hereinafter referred to as the Location Monument.

Said claim is bounded and described as follows, to-wit: Beginning at the monument of stones placed at the center of the N.W. end of the claim, which monument is 1472 feet N. 64° 53' W. from said Location Monument; thence N. 39° 14' E. 289.8 feet to a post, being the N.W. corner of the claim, thence S. 65° 35' E. 1504.7 feet to a post, being the N.E. corner of the claim; thence S. 39° 14' W. 308.7 feet, to a monument of stones, being the center of the S.E. end of the claim; thence again S. 39° 14' W. 308.6 feet to a post, being the S.E. corner of the claim; thence N. 64° 53' W. 1500 feet to a post, being the S.W. corner of the claim; thence N. 39° 14' E. 308.6 feet to the place of beginning.

To more fully identify the claim its general location is described as follows

From the N.W. Cor. of this claim U.S.L.M. No. 1654 bears N. 34° 33' W. 16310.0 ft.

Amended and posted on the ground The Detroit Copper Mining Company of Arizona

this 20th day of

By

May 1916

Acting General Manager

Witness: M.R. Crombie

County of \_\_\_\_\_

88

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

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

County Recorder

*No. 6661*

**Amended Location**

**Notice**

*"Big Mine"  
Big Ay*

*S. L. M. Co.*

Dated *May 20* 19*16*

Filed and recorded at request of

*S. L. M. Co.*

*May 22* A. D. 19*16*

at *Phoenix Ar.*

Book *3* Record of *Loc. Notes.*

Pages *142-143*

*Looney Edh.*

County Recorder.

By *L. N. Gallisotte*  
Deputy Recorder.



STATE OF ARIZONA,

No. 6696

42

COUNTY OF GREENLEE

ss.

*Rodney Ellis*

I, ~~\_\_\_\_\_~~, County Recorder in and for the County of Greenlee, State of Arizona, do hereby certify that the within and following is a true, full and complete copy of the within mentioned *Amended Location*

*Notice of the Three Loop Mining Claim*  
as the same appears of record in my office, in book *3* of *Mining Locations*  
*Greenlee County Records*, at page *18*.

IN WITNESS WHEREOF, I have hereunto set my hand and seal of office, this *20* day of *May* A. D. 191*6*.

(SEAL)



*Rodney Ellis*  
County Recorder

AMENDED LOCATION NOTICE.

NOTICE IS HEREBY GIVEN THAT THE UNDERSIGNED The Detroit Copper Mining Company of Arizona a corporation, who on the 22nd day of January 1906, located the Three Loop Mining Claim situated in the Copper Mountain Mining District, Graham County, now Greenlee Co. Arizona, the location notice of which claim is of record in the office of the Recorder of said Greenlee County in Book 7 transcribed Records of Mines, page 43, has on this 20th day of March, 1915, made an amended location of said claim, by virtue of which and of said original location, it claims as a mining claim the following described lead, lode or vein of mineral bearing earth, rock or quartz and premises situated in the Copper Mountain Mining District, in the County of Greenlee Arizona, to-wit:

The name of the said claim is the Three Loop Mining Claim.

The name of the locator is The Detroit Copper Mining Company of Arizona.

The length of the claim along said vein or lode is 1489.5 feet; the width of said claim is 300 feet on each side of the middle of said lead, lode or vein. The general course of said lode and claim is Northwest to Southeast. The distance from the Point of Discovery to the Northwest end center monument of said said claim is 625.5 feet. The distance from said Point of Discovery to the Southeast end center monument is 864. feet.

This Location Notice is posted in the monument of stones erected at said Point of Discovery upon said claim, which monument is hereinafter referred to as the Location Monument.

Said claim is bounded and described as follows, to-wit:

Beginning at the monument of stones placed at the center of the Northwest end of the claim, which monument is 625.5 feet Northwesterly from said Location Monument; thence N. 56° 16' E. 350.53 feet to a 4 x 6 post; being the Northwest corner of the claim, thence S. 64° 53' E. 1489.50 feet to a 4" x 6" post., being the Northeast corner of the claim; thence S. 56° 16' W. 350.53 feet, to a monument of stones, being the center of the Southeast end

of the claim; thence again S. 56° 16' W. 350.54 feet to a 4 x 6 post, being the Southeast corner of the claim; thence N. 64° 53' W. 1489.50 feet to a 4 x 6 post, being the Southwest corner of the claim; thence N. 56° 16' E. 350.54 feet to the place of beginning.

←  
S

To more fully identify the claim its general location is described as follows: Situated about 1/2 mile Southeast of the D. C. M. Co. Smelter. On the South west side of Morenci Canon. The North east side line being common with South west side line of the Big Mike claim for about 1150 feet. From the South West corner, U. S. Mineral Monument No. 4 bears N. 39° 10' W. 2677.4 feet.

Amended and posted on the ground this 20th day of March 1915.

The Detroit Copper Mining Co. of Arizona.

by A. T. Thomson  
General Manager.

Filed and recorded at request of D. C. M. Co. June 12 A. D. 1915 at 9 o'clock A. M.

By L. N. Callicotte  
Deputy Recorder.

Rodney Ellis  
County Recorder.

STATE OF ARIZONA,  
COUNTY OF GREENLEE } ss.

No. 6657

45

*Reddy*

I, ~~W. A. ...~~ County Recorder in and for the County of Greenlee, State of Arizona, do hereby certify that the within and following is a true, full and complete copy of the within mentioned *Amended Location*

*Notice of the James Mining Claim*  
as the same appears of record in my office, in book *3* of *Mining Locations, Greenlee*  
*County Records*, at page *17*.

IN WITNESS WHEREOF, I have hereunto set my hand and seal  
of office, this *20* day of *May*, A. D. 191*6*.

*Reddy*  
County Recorder



(SEAL)

AMERICK-CLARKE LITHO. CO.

AMENDED LOCATION NOTICE.

NOTICE IS HEREBY GIVEN THAT THE UNDERSIGNED The Detroit Copper Mining Company of Arizona a corporation, who on the 27th day of June, 1907, located the June mining claim situated in the Copper Mountain Mining District, Graham County now Greenlee Co. Arizona, the location notice of which claim is of record in the office of the Recorder of said Greenlee County in Book 7 transcribed Record of Mines, page 327, has on this 20th day of March, 1915, made an amended location of said claim, by virtue of which and of said original location, it claims as a mining claim the following described lead, lode or vein of mineral bearing earth, rock or quartz and premises situated in the Copper Mountain Mining District, in the County of Greenlee Arizona, to-wit:

The name of said claim is the June Mining Claim. The name of the locator is The Detroit Copper Mining Company of Arizona. The length of the claim along said vein or lode is 1378.2 feet; the width of said claim is 300 feet on each side of the middle <sup>lead,</sup> of said lode or vein. The general course of said lode and claim is Northwesterly to Southeasterly. The distance from the Point of Discovery to the Northwesterly end center monument of said claim is 200 feet. The distance from said Point of Discovery to the Southeasterly end center monument is 1178.2 feet.

This Location Notice is posted in the monument of stones erected at said Point of Discovery upon said claim, which monument is hereinafter referred to as the Location Monument.

Said claim is bounded and described as follows, to-wit: Beginning at the monument of stones placed at the center of the Northwesterly end of the claim, which monument is 200 feet Northwesterly from said Location Monument; thence N. 56° 16' E. 350.53 feet to a 4" x 6" Post, being the Northwest corner of the claim, thence S. 64° 53' E. 1378.2 feet to a 4" x 6" post, being the Northeast corner of the claim; thence S. 56° 16' W. 350.53 feet, to a monument of stones, being the center of the Southeast end





*Rodney Beeis*

I, ~~\_\_\_\_\_~~, County Recorder in and for the County of Greenlee, State of Arizona, do hereby certify that the within and following is a true, full and complete copy of the within mentioned *Notice of Location*

*of the George Mining Claim*

as the same appears of record in my office, in book *3* of *Mining Locations*,  
*Unrecorded Records*, at page *579*.

IN WITNESS WHEREOF, I have hereunto set my hand and seal

of office, this *20* day of *May*, A. D. 191*6*

*Rodney Beeis*  
County Recorder



(SEAL)

NOTICE OF LOCATION.

The undersigned, under the provisions of the several Acts of Congress, relating to the development of the mineral resources of the United States, hereby locate and claim 1500 feet in length, on this lode, vein or deposit of mineral bearing quartz, or other rock in place, with 300 feet in width on each side of the middle of said lode, vein or deposit for mining purposes. This claim is situated in Copper Mountain Mining District, in the County of Graham and Territory of Arizona and shall be known as the GLOBE Mine, the location and boundaries of which are more particularly described as follows, to wit:

Beginning at a monument of stones erected at the center of the N. W. end of claim and running 300 feet in a N. 38° 30' E direction to a monument of stones; thence 750 feet and 1500 feet in a S. 51° 30' E. direction to monuments of stones; thence 300 feet in a S. 38° 30' W direction to a monument of stones being the center of the S. E. end of claim; thence 300 feet in a S. 38° 30' W. direction to a monument of stones; thence 750 feet and 1500 feet in a N. 57° 30' W. direction to monuments of stones; thence 300 feet in a N. 38° 30' E. direction to the place of beginning. This claim lies along the Canon below the town of Morenci.

The S. E. end line crosses the Clifton and Morenci County road about 1800 feet above where said road enters the above canon. The said road also crosses the N. W. end line of the claim. 987 feet of the claim lies S. 51° 30' E. and 573 ft N. 57° 30' W of the discovery shaft. This notice is made in duplicate and one copy is posted at the discovery shaft in a monument of stones. Variation allowed 14° East.

Dated on the ground this 23rd day of June A. D. 1897.

Witness Geo M. Robison)

C. E. Mills, Locators

Recorded at 1 O'C P. M. Aug 12th 1897 at request of Detroit Copper Mn'g Co of Ariz.

P. Michelena, Recorder.

STATE OF ARIZONA,

COUNTY OF GREENLEE

ss.

No. 6658

50

I, ~~\_\_\_\_\_~~ *Rodney Beebe*, County Recorder in and for the County of Greenlee, State of Arizona, do hereby certify that the

within and following is a true, full and complete copy of the within mentioned *Notice of Mining*

*Location of the Ford Mining Claim*

as the same appears of record in my office, in book *2* of *Mining Locations, Greenlee*

*County Records*, at page *174*.

IN WITNESS WHEREOF, I have hereunto set my hand and seal

of office, this *20* day of *May*, A. D. 191*6*

(SEAL)



*Rodney Beebe*  
County Recorder

NOTICE OF MINING LOCATION.

LODE CLAIM.

TO ALL WHOM IT MAY CONCERN:

This mining claim, the name of which is the Ford 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 The Detroit Copper Mining Company of Arizona the undersigned on the 18 day of March 1915.

The length of the claim is 602.46 feet, and it claims 47.46 feet in a North 47° West direction, and 555 feet in a South 47° East direction from the center of the discovery cut at which this notice is posted, lengthwise of the claim, together with Not to exceed 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 Northwest to the Southeast.

The claim is situated and located in the Copper Mountain Mining District, in Greenlee County, in the State of Arizona, about 3600 feet in a Southeasterly direction from The smelter of said Company in Morenci. It is Southwest of, and adjoins the Globe claim.

The surface boundaries of the claim are marked upon the ground as follows: beginning at The center of the Northwest end of the claim at a mound of stones at a point in a Northwesterly direction 47.46 feet from the discovery cut ( at which this notice is posted) being in the center of the Northwest end line of said claim; thence N. 56° 16' E. 105.22 feet to a post and mound of stones, being the North corner of said claim; thence S. 51° 34' E. 615.7 feet to a post and mound of stones; being at the East corner of said claim; thence S. 56° 16' W. 154.47 feet to a Mound of stones at the center of the Southeast end of said claim; thence S. 56° 16' W 154.47 feet to a post and mound of stones being at the South corner of said claim; thence N. 42° 28' W. 593.00 feet to a post and mound of stones at the West corner of said claim; thence N. 56° 16' E. 105.22 feet to the place of beginning.

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

Dated and posted on the ground this 18 day of March 1915.

The Detroit Copper Mining Co. of Arizona.

By A. T. Thomson  
General Manager

Filed and recorded at request of D. C. M. Co., June 12 A. D.  
1915 at 9 o'clock A. M.

Rodney Ellis  
County Recorder.

By L. N. Callicotte  
Deputy Recorder.

STATE OF ARIZONA,  
COUNTY OF GREENLEE } ss.

No. 6649

53

*Radney Beebe*  
I, ~~W. H. KELLY~~, County Recorder in and for the County of Greenlee, State of Arizona, do hereby certify that the

within and following is a true, full and complete copy of the within mentioned *Notice of Mining*

*Location of the Cannon Mining Claim*

as the same appears of record in my office, in book *3* of *Mining Locations*

*Unscribed Records*, at page *528*.

IN WITNESS WHEREOF, I have hereunto set my hand and seal

of office, this *20* day of *May* A. D. 191*6*

*Radney Beebe*  
County Recorder

(SEAL)



BAKER-CUMMERY LITHO. CO.

## NOTICE OF LOCATION.

The undersigned, under the provisions of the several Acts of Congress, relating to the development of the mineral resources of the United States, hereby locate and claim 1500 feet in length on this lode, vein or deposit of mineral bearing quartz, or other rock in place, with 300 feet in width on each side of the middle of said lode, vein or deposit for mining purposes.

This claim is situated in Copper Mountain Mining District, in the County of Graham and Territory of Arizona and shall be known as the CANON Mine, the location and boundaries of which are more particularly described as follows, to wit:

Beginning at a monument of stones erected at the center of the N. W. end of claim and running 300 feet in a N. 38° 30' E direction to a monument of stones, thence 750 and 1500 feet in a S. 55° E. direction to monument of stones; thence 300 feet in a S. 38° 30' W direction to a monument of stones; being the center of the S. E. end of claim; thence 300 feet in a S. 38° 30' W. direction to a monument of stones; thence 750 and 1500 feet in a N. 55° W. direction to monuments of stones; thence 300 feet in a N. 38° 30' E. direction to the place of beginning.

This claim lies along the canon below the town of Morenci, The N. W. end line is the same as the S. E. end line of the Globe Lode and it crosses the Clifton and Morenci County road about 1800 feet above where said road enters the above Canon. The said road also crosses the S. E. end of this claim. 750 feet of this claim lies S. 55° E. and 750 feet N. 55° W of the discovery shaft. This notice is made in duplicate and one copy is posted at the discovery shaft in a monument of stones. Variation allowed 14° East.

Dated on the ground this 23rd day of June, A. D. 1897.

Witness Geo M Robison)

C. E. Mills, Locators.

Recorded at 1 O'Clock P. M. Aug 12th 1897 request of Detroit C Mn'g Co. of Ariz.

By Michelena, Recorder.

# Amended Location Notice

JUN 3- 1916

NOTICE IS HEREBY GIVEN THAT THE UNDERSIGNED

The Detroit Copper Mining Company of Arizona

a corporation, the assignee of J.C. Gatti

who on the 26th day of July, 1901, located the Terapin Jack

(formerly mining claim situated in the Copper Mountain Mining District Greenlee County, Arizona, the location notice of which claim is of record in the office of the Recorder of said County in Book 5 Transcribed

Record of Mines, page 199, has on this 20th day of May, 1916, made an amended location of said claim, by virtue of which

and of said original location, it claims as a mining claim the following described lead, lode or vein of mineral bearing earth, rock or quartz and premises situated in the Copper Mountain Mining District, in the County of Greenlee Arizona, to-wit:

The name of said claim is the Terapin Jack Mining Claim. The name of the locator is The Detroit Copper Mining Company of Arizona

The length of the claim along said vein or lode is 1500 feet; the width of said claim is 300 feet on each side of the middle of said lead, lode or vein. The general course of said lode and claim is N.W. to S.E. The distance from the Point of Discovery to the N.W. end center monument of said claim is 300 feet. The distance from said Point of Discovery to the S.E. end center monument is 1200 feet.

This Location Notice is posted in the monument of stones erected at said Point of Discovery upon said claim, which monument is hereinafter referred to as the Location Monument.

Said claim is bounded and described as follows, to-wit: Beginning at the monument of stones placed at the center of the N.W. end of the claim, which monument is 300 feet N. 53° 13' W. from said Location Monument; thence N. 39° 14' E. 300 feet to a post, being the N.W. corner of the claim, thence S. 53° 13' E. 1500 feet to a post, being the N.E. corner of the claim; thence S. 39° 14' W. 300 feet, to a monument of stones, being the center of the S.E. end of the claim; thence again S. 39° 14' W. 300 feet to a post, being the S.E. corner of the claim; thence N. 53° 13' W. 1500 feet to a post, being the S.W. corner of the claim; thence N. 39° 14' E. 300 feet to the place of beginning.

To more fully identify the claim its general location is described as follows

From the N.W. Cor. of this Claim U.S.L.M.No. 1654 bears N. 43° 57' W. 10578 ft.

Amended and posted on the ground this 20th day of May 1916. The Detroit Copper Mining Company of Arizona By *[Signature]* Acting General Manager

Witness: *[Signature]*



County of \_\_\_\_\_ } 88

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

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

County Recorder

70.6660  
**Amended Location**

**Notice**

Trappin Goat  
Prof

The S. C. M. Co.

Dated May 20 1916

Filed and recorded at request of

S. C. M. Co.

May 22 A. D. 1916

at Adelaido A. M.

Book Record of Loc. Ntes.

Pages 142

Co. dney Ellis  
County Recorder.

By L. N. Gallisotte  
Deputy Recorder.

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

Department of the Interior,

OFFICE OF U. S. SURVEYOR-GENERAL,

Phoenix, Arizona,

May 2, 1917.

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

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

THE DETROIT COPPER MINING COMPANY OF ARIZONA known as the LLAVE, DEWEY, ORO, DESPRECIO, BELL, BIG MIKE, THREE LOOP, JUNE, GLOBE, FORD, CANON AND TERAPIN JACK LODES. situate in COPPER MOUNTAIN

Mining District, GREENLEE County, ARIZONA,

in Sections 21 & 22<sup>uns.</sup>, Township No. 4 S., Range No. 29 E, and

designated as Survey No. 3304, 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 each of said mining claims by claimant or its grantors, and that said improvements consist of 6 shafts, 7 tunnels and 8 cuts, total value \$26790.

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

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

Frank P. Trott,

United States Surveyor-General for Arizona.

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.

May 2, 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

THE DETROIT COPPER MINING COMPANY OF ARIZONA

known as the

LLAVE, DEWEY, ORO, DESPRECIO, BELL, BIG MIKE, THREE LOOP, JUNE, GLOBE, FORD, CANON AND TERAPIN JACK LODES.

situate in COPPER MOUNTAIN mining district,

GREENLEE County, ARIZONA.

in Sections 21 and 22 un<sup>st</sup> Township No. 4 S., Range No. 29 E.

designated as Survey No. 3304

executed by E. T. Morton, U. S. Deputy Mineral

Surveyor, July 1-August 5, 1916, under my instructions dated

June 3, 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 of Frank P. Frost

U. S. Surveyor-General for Arizona.