

JUL 19 1915

4-683.

Mineral Survey No. 3175

Lot No.

Arizona Land District.

FIELD NOTES

OF THE SURVEY OF THE MINING CLAIM OF

Keating Mines Company

KNOWN AS THE

St. Paul, Confidence, Black Boy, Deep Down, Keystone, Queen Lil, Gramercy.

Copper Mountain Mining District,

Greenlee County, Arizona

Sections 1 and 12 Uns., Township 4 S., Range 28 E. and Sections 6 and 7 Uns., Township 4 S., Range 29 E., G. & S.R.P.M. Surveyed under instructions dated March 3, 1915,

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

Claim located See location notices, 1

Survey commenced June 20, 1915

Survey completed July 1, 1915

Address of attorneys:

Hampton & Arnold, Phoenix, Arizona.

Survey No.3175.

St. Paul.

Beginning at Cor No.1.

Feet. Identical with Cors.Nos.1 and 2 Sur,No.3019 Vicksburg and Sherman lodes,respectively.

A pine post,in place,4 ins.square,3 ft.high,with mound of stone,scribed S.P 1-3175,whence

U.S.M.M.No.1 bears N.72°02'E. 2062.8 ft.

A cross (x) and BR 1-3175 chiseled on quartzite point 5 x 6 ft,bears N.22°28'W.23 ft.

Thence S.1°31'W.

74.18 Intersect line 1-2 Sur.No.1868 Martha Lode at N.86°50'E. 202.35 Ft.from Cor.No.2.

300 East end center of the location and lode.

600 To Cor.No.2.

Identical with Cor.No.1 Confidence lode of this survey.

A pine post,in place,4 x 6 ins.with mound of stone.3.5 ft.high,scribed C 1-S P 2- 3175.

No bearings available.

Thence S.85°37'W.

156.16 Intersect line 2-3 Sur.No.1868 Martha lode,at N.3°32'W. 74 ft.and S.3°32'E.527.4 ft.from Cors.Nos.3 and 2 respectively.

1370.8 To Cor.No.3.

Identical with Cors.Nos.4,1 and 2 Confidence,Keystone and Deep Down lodes of this survey,respectively.

A pine post,in place,4x6ins.,3 ft.high,with mound of stone scribed, C 4- K 1-D D 2-S P 3-3175,whence

The S.E.Cor.Sec.1 Tns.,T.4S.R,28 E.,G.& S.R.B.M.,bears N.83°29'W. 1840.2 ft.

Thence N.1°31'E.

300 West end center of the location and lode.

| Feet. | |
|--------|---|
| 600 | <p>To Cor.No.4.</p> <p>Identical with Cor.No.1 Deep Down Lode of this Survey.</p> <p>On line 1-2 Sur.No.3019 Vicksburg lode,at N.85°37'E.</p> <p>33 ft.from from Cor.No.2.</p> <p>A pine post,in place, 4x6 ins.,3 ft.high,with mound of stone scribed,D D L-S P 4-3175,whence</p> <p>A cross (x) and BR 1-4-3175 chiseled on quartzite bedrock bears S.85°37'W.14.2 ft.</p> <p style="text-align: center;">Thence N.85°37'E.</p> |
| 1370.8 | <p>To Cor.No.1,the place of beginning.</p> <p style="text-align: center;">Confidence</p> <p>Beginning at Cor.No.1.</p> <p>Identical with Cor.No.2 St.Paul lode of this survey heretofore described,whence</p> <p>U.S.M.M.No.1,bears N.58°00'E.2332.6 ft.</p> <p style="text-align: center;">Thence S.1°31'W.</p> |
| 77.58 | <p>Intersect line 3-4 Sur.No.1868 Martha lode,at N.86°50'E.</p> <p>149.32 ft.from Cor.No.3.</p> |
| 300 | <p>East end center of the location and lode.</p> |
| 600 | <p>To Cor.No.2.</p> <p>Identical with Cor.No.1,Black Boy lode of this survey.</p> <p>A pine post,in place,4x6 ins.,3 ft.high,with mound of stone,scribed ,B B 1-C 2- 3175.</p> <p>No bearings available.</p> <p style="text-align: center;">Thence S.85°37'W.</p> |
| 1370.8 | <p>To Cor.No.3.</p> <p>Identical with Cor.No.4 and 2 Black Boy and Keystone lodes of this survey,respectively.</p> <p>A pine post,in place,4x6 ins.,3.5 ft.high,with mound of stone,scribed,B.B.4-K 2-C 3-3175.</p> <p>No bearings available.</p> |

| | |
|---------|---|
| | Thence N.1°31'E. |
| 300 | West end center of the location and lode. |
| 600 | To Cor.No.4. Identical with Cors.Nos.1,2 and 3 Keystone,Deep Down and St.Paul lodes of this survey,respectively,heretofore described. The S.E.Cor.Sec.1 was ,T.4.S.R.28 E.,G.& S.R.B ^c ,M.,bears N.83°29'W.1840.2 ft. |
| | Thence N.85°37'E. |
| 1214.64 | Intersect line 2-3 Sur.No.1868 Martha lode at N.3°32'W. 74 ft.from Cor.No.3. |
| 1370.8 | To Cor.No.1,the place of beginning. Black Boy Beginning at Cor.No.1. Identical with Cor.No.2 Confidence lode of this survey heretofore described. U.S.M.M.No.1 bears N.47°22'E.2710.3 ft. |
| | Thence S.1°31'W. |
| 300 | East end center of the location and lode. |
| 600 | To Cor.No.2. A pine Post,in place,4x6 ins.,3.5 ft.high,with mound of stone,scribed B B 2-3175. No bearings available. |
| | Thence S.85°37'W. |
| 1370.8 | To Cor.No.3. A pine post,in place, 4x6 ins.,3.5 ft.high,with mound of stone,scribed B B 3-3175. No bearings available. |
| | Thence N.1°31'E. |

Feet.

300 West end center of the location and lode.

600 To Cor.No.4.

Identical with Cors.Nos.2 and 3 Keystone and Confidence lodes of this survey respectively, heretofore described. The S.E. Cor. Sec. 1 ~~Uns.~~, T.4 S., R.28 E., G. & S.R.B.²M., bears N.65°57'W. 1984.3 ft.

Thence N.85°37'E.

1370.8 To Cor.No.1, the place of beginning.

Deep Down.

Beginning at Cor.No.1.

Identical with Cor.No.4 St. Paul lode of this survey, heretofore described.

On line 1-2 Sur.No.3019 Vicksburg lode at N.85°37'E. 33 ft. from Cor.No.2.

U.S.M.M.No.1 bears N.77°27'E. 3410.5 ft.

Thence S.1°31'W.

300 East end center of the location and lode.

600 To Cor.No.2.

Identical with Cors.Nos.3,4 and 1 St. Paul, Confidence and Keystone lodes, of this survey, respectively, heretofore described.

Thence S.89°11'W.

1453.1 To Cor.No.3.

Identical with Cor.No.4 Keystone lode of this survey. A pine post, in place, 4x6 ins., 3.5 ft. high, with mound of stone, scribed K 4-D D 3-3175, whence

A cross (x) and BR 4-3-3175 chiseled on granite bedrock 4 x 5ft. facing East bears N.1°31'E. 3.65 ft.

The S.E. Cor. Sec. 1 ~~Uns.~~, T.4 S., R.28 E., G. & S.R.B.²M., bears N.58°31'W. 440.1 ft.

| Feet. | |
|---------|---|
| | Thence N.1°31'E. |
| 20.17 | Intersect line 1-2 Queen Lil lode of this survey, at N.54°17'E.195.21 ft. from Cor.No.2, and S 54° 17'W 1304.79 ft. from Cor. No.1. |
| 300 | West end center of the location and lode. |
| 600 | To Cor.No.4. Identical with Cors.Nos.1 and 2 Sur.No.3145 Blue Bell and Horseshoe No.2 lodes respectively. A pine post, in place, 4x6 ins., 3 ft. high, with mound of stone scribed D D 4-3175, whence A cross (x) and BR 4-3175 chiseled on a quartzite face 20 ft. high facing South bears N.1°31'E.20.1 ft. Cor.No.1 Sur.No.3145 Horseshoe No.2 lode bears N.89°16E. 1420.1 ft. |
| | Thence N.89°11'E. |
| 806.87 | Intersect line 1-2 Queen Lil lode of this survey at S.54°17'W.292.19 ft. from Cor.No.1 and N.54°17'E. 2.05ft. from its intersection with line 1-2 Sur.No.3145 Horseshoe.No.2 lode. |
| 1419.35 | Intersect line 2-3 Sur.No.3019 Vicksburg lode and line 4-1 Sur.No.3145 Horseshoe No.2 lode at N.22°28'W.2.21ft. from Cors.Nos.2 and 1 respectively. |
| 1453.1 | To Cor.No.1, the place of beginning. |
| | Keystone. |
| | Beginning at Cor.No.1. Identical with Cors.Nos.2,3 and 4 Deep Down, St. Paul, and Confidence lodes of this survey respectively, heretofore described. U.S.M.M.No.1, bears N.68°09'E.3603.7 ft. |
| | Thence S.1°31'W. |
| 300 | East end center of the location and lode. |
| 600 | To Cor.No.2. |

Feet.

Identical with Cors. Nos. 3 and 4 Confidence and Black Boy lodes of this survey respectively, heretofore described.

Thence S. 89° 11' W.

1453.1

To Cor. No. 3.

On line 1-2 Gramercy lode of this survey, at N. 1° 31' E.
151.3 ft. from Cor. No. 2.

A pine post, in place, 4 ins. square, 3.5 ft. high, with mound of stone scribed K 3-3175, whence

A cross (x) and BR 3-3175 chiseled on quartzite bedrock 1x2 ft. bears N. 1° 32' E. 3.4 ft.

Thence N. 1° 31' E.

300

West end center of the location and lode.

464.5

Cor. No. 1 Gramercy lode of this survey.

600

To Cor. No. 4.

Identical with Cor. No. 3 Deep Down lode of this survey heretofore described.

The S.E. Cor. Sec. 1 ~~4~~, T. 4 S., R. 28 E., G. & S.R.B. & M.,
bears N. 58° 31' W. 440.1 ft.

Thence N. 89° 11' E.

1453.1

To Cor. No. 1 the place of beginning.

Queen Lil.

Beginning at Cor. No. 1.

A pine post, in place, 3.5 ft. high, 4x6 ins., with mound of stone scribed Q L 1-3175, whence

A cross (x) and BR 1-3175 chiseled on quartzite bedrock bears N. 74° 54' W. 23.6 ft.

U.S.M.M. No. 1 bears N. 81° 11' E. 3782.6 ft.

Thence S. 54° 17' W.

292.19

Intersect line 4-1 Deep Down lode of this survey, at N. 89° 11' E. 806.87 ft. from Cor. No. 4.

Feet.

294.24 Intersect line 1-2 Sur.No.3145 Horseshoe No.2 lode,at N.89°16'E.805.19 ft.from Cor.No.2.

1304.79 Intersect line 3-4 Deep Down lode of this survey,at S.1°31'W.579.83ft.from Cor.No.4.

1500 To Cor.No.2.

On line 4-1 Gramercy lode of this survey,at N.74°54'W. 159.9 ft.from Cor.No.1.

A pine post,in place,4x6 ins.3.5 ft.high,with mound of stone scribed Q L 2-3175.

No bearings available.

Thence N.74°54'W.

311 Southwest end center of the location and lode.

622 To Cor.No.3.

On line 4-1 Gramercy lode of this survey,at S.74°54'E. 718.1 ft.from Cor.No.4.

A pine post,in place,4x6 ins.,3.5 ft.high,with mound of stone,scribed Q L 3-3175,whence

The S.E.Cor.Sec.1 ~~Uns.~~,T.4 S.,R.28 E.,G.& S.R.B.[&]M., bears N.67°08'E. 415.9 ft.

Thence N.54°17'E.

881.49 Intersect line 1-2 Sur.No.3145 Blue Bell lode,at S.73° 55'W.61.09 ft.from Cor.No.1.

943.86 Intersect line 2-3 Sur.No.3145 Horseshoe No.2 lode,at N.22°28'W.21.09 ft.from Cor.No.2.

949.22 Intersect line 4-1 Sur.No.3145 Blue Bell lode,at N.9°18'W.22.92 ft.from Cor.No.1.

1500 To Cor.No.4.

A pine post,in place, 4x6 ins.,3.5 ft.high,with mound of stone scribed, Q L 4-3175,whence

A cross (x) and B.R 4-3175 chiseled on quartzite bed-rock 3 ft.high bears N.74°54'W.1.6 ft.

Thence S.74°54'E.

| Feet. | |
|---------|--|
| 311 | Northeast end center of the location and lode. |
| 622 | To Cor.No.1, the place of beginning. |
| | Gramercy. |
| | Beginning at Cor.No.1. |
| | On line 3-4 Keystone lode of this survey, at S.1°31'W. |
| | 135.5 ft. from Cor.No.4. |
| | A pine post, in place, 4x6 ins. 3.5 ft. high, with mound of stone, scribed G 1-3175, whence |
| | U.S.M.M.No.1, bears N.72°41'E. 5029.4 ft. |
| | The S.E. Cor. Sec. 1 Un. , T.4 S., R.28 E., G. & S.R.B.M., |
| | bears N.45°30'W. 521.2 ft. |
| | Thence S.1°31'W. |
| 307.9 | East end center of the location and lode. |
| 464.5 | Cor.No.3 Keystone lode of this survey. |
| 615.8 | To Cor.No.2. |
| | A pine post, in place, 4x6 ins., 3.5 ft. high, with mound of stone, scribed G 2-3175, whence a cross (x) and BR 2-3175 |
| | chiseled on quartzite bedrock 2x4 ft. bears N.1°31'E. |
| | 11 ft. |
| | Thence N.74°54'W. |
| 1485.13 | Intersect line 1-2 Sur.No.3145 Dominion lode, at S.8°47'E. |
| | 62.1 ft. from Cor.No.1. |
| 1500 | To Cor.No.3. |
| | A pine post, in place, 4x6 ins., 3.5 ft. high, with mound of stone, scribed G. 3-3175, whence. |
| | Cors. Nos. 1 and 2 Sur.No.3145 Dominion and Pretoria lodes bears N.4°51'E. 57.7 ft. |
| | Thence N.1°31'E. |
| 57.58 | Intersect lines 4-1 and 2-3 Sur.No.3145 Dominion and |
| | Pretoria lodes, at N.88°53'W. 3.35 ft. from Cors. Nos. 1 and |
| | 2 respectively. |

Feet.

76.06 Intersect line 1-2 Sur.No.3145 Pretoria lode,at N.8°47'W.
18.76 ft.from Cor.No.2.

307.9 West end center of the location and lode.

615.8 To Cor.No.4.

A pine post,in place,4x6 ins.,3,5 ft.high,with mound of
stone,scribed G 4-3175.

No bearings available.

Thence S.74°54'E.

718.1 Cor.No.3 Queen Lil lode of this survey.

1340.1 Cor.No.2 Queen Lil lode of this survey.

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 develop-
ments the veins of the several locations embraced in this
claim extend as follows from their respective discovery
points:

St.Paul lode,400 ft.N.85°37'E.and 970.8 ft.S.85°37'W. ✓

Confidence lode,770ft.N85°37E.and 600.8 ft.S.85°37'W. ✓

Black Boy lode,240.8 ft.N.85°37'E.and 1130 ft. ✓
S.85°37'W.

Deep Down lode,700 ft.N.89°11'E.and 753.1 ft. ✓
S.89°11'W.

Keystone lode,640 ft.N.89°11'E.and 813.1ft.S.89°11'W. ✓

Queen Lil lode 571 ft.N.54°17'E.and 929 ft.S.54°17'W. ✓

Gramercy lode,760 ft.S.74°54'E.and 740 ft.N.74°54'W. ✓

AREA.

Acres

Total area St.Paul lode- - - - - 18.782 ✓

Area in conflict with-

Sur.No.1868 Martha lode - - - 2.162 ✓

Total area Confidence lode- - - - - 18.782 ✓

and that said improvements consist of:

St. Paul lode.

No.1. The discovery, showing mineral in place, is on the lode line 400 ft. from line 1-2.

No.2. A shaft the center of which bears from Cor. No.1 S.45°52'W. 617 ft. 5x7 ft. 10 ft. deep.

Value - - - - - \$100.00

~~Note: An undivided 1/7 interest in the No.2 shaft on the Queen Lil lode is accredited to each lode of this survey as hereinafter explained.~~

Note: An undivided 1/7 interest in the No.2 shaft on the Queen Lil lode is accredited to this lode.

Value 1/7 interest \$705.00

Confidence lode.

No.1. The discovery showing mineral in place is on the lode line 770 ft. from line 1-2.

No.2. A shaft, the center of which bears from Cor. No.3 N.44°38'E. 112 ft., 5x7 ft. 10 ft. deep.

Value - - - - - \$100.00

Note: An undivided 1/7 interest in the No.2 shaft on the Queen Lil lode is accredited to this lode.

Value 1/7 interest \$705.00

Black Boy lode.

No.1. The discovery cut the mouth of which is on the lode line 240.8 ft. from line 1-2, running N.85°E. 12 ft., 5x 8ft.

Value - - - - - \$50.00

Note: An undivided 1/7 interest in the No.2 shaft on the Queen Lil lode is accredited to this lode.

Value 1/7 interest \$705.00

Deep Down lode.

No.1. The discovery showing mineral in place is on the lode line 700.0 ft. from line 1-2.

No.2 A shaft the center of which is on the lode line 630 ft. from line 1-2, 4x6 ft. 10 ft. deep.

Value - - - - - \$100.00

Note: An undivided 1/7 interest in the No.2 shaft on the Queen Lil lode is accredited to this lode.

Value 1/7 interest \$705.00

Keystone lode.

No.1. The discovery showing mineral in place is on the lode line 640.0 ft. from line 1-2.

No.2. A tunnel with an open cut approach, the mouth of which bears from Cor.No.2 N.64°56'W.692 ft., 5x10 ft. open cut, running S.56°50'W.28 ft. and 5x6 ft. tunnel, 37 ft.

Value - - - - - \$400.00

Note: An undivided 1/7 interest in the No.2 shaft on the Queen Lil lode is accredited to this lode.

Value 1/7 interest \$705.00

Queen Lil lode.

No.1. The discovery showing mineral in place is on the lode line 571 ft. from line 4-1.

No.2 A shaft the center of which bears from Cor.No.2

N.21°34'E.413 ft. 6x6 ft. (Timbered) 330 ft. deep. Value \$4935.00
An undivided 1/7 interest in this shaft is accredited to each of the claims in this survey, as hereinafter explained.

Value 1/7 interest \$705.00

No.3. A tunnel, the mouth of which bears from Cor.No.2 N.23°32'E.420 ft., 5x6 ft., running N.54°57'E.72 ft., thence N.50°E.200 ft.

Value - - - - - \$2720.00

No.4 A tunnel, with an open cut approach, the mouth of which bears from Cor.No.2 N.15°00'W. 259 ft., running S.46°30'W.37 ft., 5x10 ft. open cut, and 140 ft. 4x6 ft. tunnel.

Value - - - - - \$1450.00

No.5. A tunnel, with an open cut approach, the mouth of which bears from Cor.No.2 N.4°35'E. 340 ft., 5x8 ft. open cut running S.46°38'W.13 ft. and 4x6 ft. tunnel 64 ft., thence S.51°33'W.52 ft., thence S.46°16'W.78 ft., thence S.55°31'W.83 ft.

Value - - - - - \$2770.00

Note: The seven lodes embraced in this claim comprise one contiguous group. The surface rises to the East and South

as may be seen upon inspection of the accompanying map marked "Contour Map Sur.No.3175" which is a part of these fieldnotes. Contours were taken from the U.S.G.S. topographic sheet of the Clifton quadrangle. The entire surface of all the lodes except a small portion of the Queen Lil lode is higher than the collar of the No.2 shaft on the Queen Lil lode, so each lode may be developed at depth by drifts from the different levels of the said No.2 shaft. This shaft is situated about 1000 ft. from the adit of the 700' level of the Coronado Mine which is situate to the North of this claim. Most of the ore shipped from this claim has been packed to said adit and from there transported through the Coronado Mine to the smelter at Clifton, Arizona. So, both from the development and transportation view point this shaft is favorably located.

Gramercy lode.

No.1. The discovery showing mineral in place is on the lode line 760 ft. from line 1-2.

No.2. A shaft, the center of which bears from Cor.No.1 N.88°08'W. 538 ft., 6x8 ft. 8 ft. deep.

Value - - - - - \$80.00

Note: An undivided 1/7 interest in the No.2 shaft on the Queen Lil lode is accredited to this lode.

Value 1/7 interest \$705.00

INSTURMENT.

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 distances were measured with 5,50 and 500 ft. steel tapes.

ADJOINING LODES.

The lodes on the North are, Sur.No.3145 Blue Bell and Horseshoe No.2 lodes, Sur.No.3019 Vicksburg lode. The Arizona Copper Company claimant, on the East, Sur.No.1868 Martha lode, Shannon Copper Company claimant, Keystone No.3 and Keystone No.4 lodes uns. H.Wright claimant, on the South Keystone No.9 and Keystone No.18 lodes unsur-

veyed, H. Wright claimant and Scotchman lode, Uns., A. Burke claimant, on the West by Sur. No. 3145 Dominion and Pretoria lodes, The Arizona Copper Company claimant.

REPORT.

U.S.M.M. No. 1 is a masonry monument 6 ft. square at the base and 5 ft. high.

The S.E. Cor. Sec. 1 ~~Uns.~~, T. 4 S. R. 28 E., G. & S. R. B. M., ^{(unapproved survey),} is an iron pipe with brass cap properly marked with a mound of stone alongside.

Sur. No. 3145, Dominion, Pretoria, Blue Bell and Horseshoe No. 2 lodes:

All corners are pine posts properly set and scribed.

Sur. No. 3019 Vicksburg lode:

All corners are pine posts properly set and scribed.

Sur. No. 1868 Martha lode:

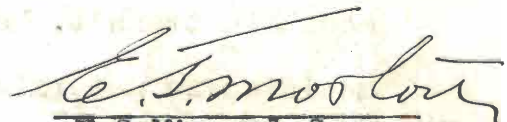
All corners are posts properly set and scribed.

All end centers are mounds of stone.

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

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

The difference between these field notes and the returns on previous surveys are due to errors in the latter.


U.S. Mineral Surveyor.

STATE OF ARIZONA)
)ss.
COUNTY OF GREENLEE)

H.M. Whitaker, being first duly sworn, deposes and says that he is familiar with the St. Paul, Confidence, Black Boy, Deep Down, Keystone, Queen Lil and Gramercy lode mining claims, situate in the Copper Mountain Mining District, Greenlee County, Arizona for which the Keating Mines Company has made application for an official survey, as a basis for an application for patent to said claim; that he has actually been on these mining claims and has seen all of the monuments of location defining the boundaries thereof, as are described in the location notice of said lode claim on which this survey is based; that the original side center monuments of location were actually established on the ground by the locators at the approximate centers of the side lines of the claims; that the said side center monuments of location were not situate within the boundaries of said lode claims, as defined by straight lines connecting the respective corner monuments; and furthermore that he is not interested in said claims in any manner whatsoever.

H.M. Whitaker
Affiant.

Subscribed and sworn to before me this 2 day of August

1915.

My Commission Expires Feb. 19th, 1916

W.S. Bradford
Notary Public.

FINAL OATHS FOR SURVEYS.

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

Keating Mines Company

known as the St. Paul, Confidence, Black Boy, Deep Down, Keystone, Queen Lil, Gramercy

and showing the respective capacities in which they acted.

J.L. Awalt, Chainman.

Pablo Gonzales, Chainman.

Arman.

Flagman.

FINAL OATHS OF ASSISTANTS.

We, J.L. Awalt

and Pablo Gonzales, 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 Keating Mines Company

known as the St. Paul, Confidence, Black Boy, Deep Down, Keystone, Queen Lil, Gramercy

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

J.L. Awalt, Chainman.

Pablo Gonzales, Chainman.

Arman.

Flagman.

Subscribed and sworn to by the above-named persons before me this 3d.

day of July, 1916

A. R. Lynch
Notary Public

My commission expires Sept. 30 - 1917 -

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 March 3, 1915, 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 Keating Mines Company, known as the St. Paul, Confidence, Black Boy, Deep Down, Keystone, Queen Lil, Gramercy, situate in Copper Mountain Mining District, Greenlee County, Arizona, in Sections 1 and 12, Township No. 4 S., Range No. 28 E. Uns. and Sections 6 and 7 Uns. Township No. 4 S., Range 29 E., G. & S.R.P.M. and designated as Survey No. 3175, 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 A. R. Lynch, a
Notary Public this 3d.
day of July 1915,

A. R. Lynch
Notary Public

my commission expires
Sept. 30 - 1917



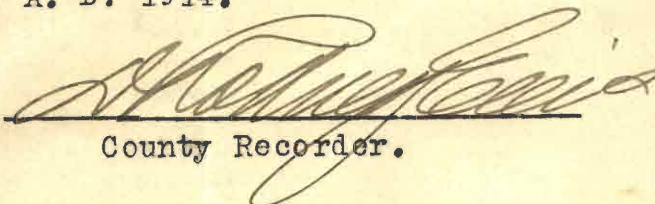


MAR 5 1915

STATE OF ARIZONA,)
) SS.
 COUNTY OF GREENLEE.)

I, D. RODNEY ELLIS, County Recorder
 in and for the County of Greenlee, State of
 Arizona, do hereby certify that the within
 and following entitled Location Notices,
 are full, true and complete copies of
 said Location Notices, as the same appear
 of record in my office, in the books and
 pages as therein set forth.

IN WITNESS WHEREOF, I have hereunto
 set my hand and seal of office, this 13th
 day of November, A. D. 1914.


 County Recorder.



A M E N D E D N O T I C E O F L O C A T I O N .

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 1420 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 "BLACK BOY" 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 East end of claim, and running 300 feet in a S. 2° 19' W. direction to a monument of stones; thence 710 and 1420 feet respectively in a S. 86° 25' W. direction to monuments of stones; ----- being the center of the West end of claim; thence 300 feet in a N. 2° 19' E. direction to a monument of stones; thence 710 and 1420 feet respectively in a N. 86° 25' E. direction to monuments of stones; thence 300 feet in a S. 2° 19' W. direction to the place of beginning.

_____ ft. of this claim lies Easterly, and _____ ft. Westerly, from discovery shaft.

The general direction of the lode being from East to West.

The N. W. Cor. of this claim being 1762.6 ft. S. 5° 54' E. from the S. W. Cor. of the Coronado Lode, Lot No. 56.

This certificate is made for the purpose of definitely describing the ground claimed and correcting errors in original certificate.

All rights acquired by original location are expressly reserved.

Date of location Apr. 3rd 1900, recorded in Book 12 of Mines, Page 433.

Amended certificate dated on the ground this 5th day of January A. D. 1904.

Wm. J. Keating, Locators.

WITNESS:

Geo. M. Robison.

Filed and recorded at request of W. S. Munday, Feby. 23rd 1904, at 3:00 p. m.

Mit Simms, County Recorder.

(Book 5 of Mining Locations, at Pages 601-2)
(Transcribed Records, Greenlee County, Ariz)

A M E N D E D N O T I C E O F L O C A T I O N .

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 1420 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 "CONFIDENCE" 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 East end of claim and running 300 feet in a S. 2° 19' W. direction to a monument of stones; thence 710 ft. and 1420 feet respectively in a S. 86° 25' W. direction to monuments of stones; thence 300 feet in a N. 2° 19' E. direction to a monument of stones, being the center of the West end of claim; thence 300 feet in a N. 2° 19' E. direction to a monument of stones; thence 710 ft. and 1420 feet respectively in a N. 86° 25' E. direction to monuments of stones; thence 300 feet in a S. 2° 19' W. direction to the place of beginning.

770 ft. of this claim lies Easterly, and 650 ft. Westerly from discovery shaft.

The general direction of the lode being from East to West.

The N. W. Cor. of this claim is 1172 ft. S. 10° 6' E. from the S. W. Cor. of the Coronado Lode, Lot No. 56.

This certificate is made for the purpose of definitely describing the ground claimed and correction errors in original certificate.

All rights acquired by original location are expressly reserved.

Date of location Apr. 3rd 1900, recorded in Book 12 of Mines, Page 434.

Amended Certificate dated on the ground this 5th day of January A. D. 1904.

Wm. J. Keating, Locators.

WITNESS:

Geo. M. Robison.

Filed and recorded at request of W. S. Munday, February 23rd 1904, at 3:00 p. m.

Mit Simms, County Recorder.

(Book 5 of Mining Locations, at Page 603)
(Transcribed Records-Greenlee County-Ari)

AMENDED 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 1434 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 "DEEP DOWN" 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 East end of claim, and running 300 feet in a S. 2° 19' W. direction to a monument of stones; thence 717 and 1434 feet respectively in a S. 88° 25' W. direction to monuments of stones; thence 300 feet in a N. 2° 19' E. direction to a monument of stones, being the center of the West end of claim; thence 300 feet in a N. 2° 19' E direction to a monument of stones; thence 717 and 1434 feet respectively in a N. 88° 25' E. direction to monuments of stones; thence 300 feet in a S. 2° 19' W. direction to the place of beginning.

___ ft. of this claim lies Easterly, and ___ ft. Westerly from discovery shaft.

The general direction of the lode being from East to West.

The N. E. Cor. of this claim being 600 ft. S. 22° 31' E. from the S. W. Cor. of the Coronado Lode, Lot No. 56.

This certificate is made for the purpose of definitely describing the ground claimed and correcting errors in original certificate.

All rights acquired by original location are expressly reserved.

Date of location Oct. 5th 1901, recorded in Book 14 of Mines, Page 390.

Amended certificate dated on the ground this 5th day of January A. D. 1904.

Wm. J. Keating, Locators.

WITNESS:

Geo. M. Robison.

Filed and recorded at request of W. S. Munday, Feb. 23rd 1904, at 3:00 p. m.

Mit Simms, County Recorder.

(Book 5 of Mining Locations, at Page 602)
(Transcribed Records-Greenlee County-Ari)

A M E N D E D N O T I C E O F L O C A T I O N .

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 quatrz 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 "GRAMERCY" Mine, 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 East end of claim and running 307.9 feet in a S. 2° 19' W. direction to a monument of stones; thence 750 and 1500 feet respectively in a N. 74° 41' W. direction to monuments of stones; thence 307.9 feet in a N. 2° 19' E. direction to a monument of stones, being the center of the West end of claim; thence 307.9 feet in a N. 2° 19' E. direction to a monument of stones; thence 750 and 1500 feet ~~XXXXXXXXXX~~ in a S. 74° 41' E. direction to monuments of stones; thence 307.9 feet in a S. 2° 19' W. direction to the place of beginning.

___ ft. of this claim lies Easterly, and ___ ft. Westerly from discovery shaft.

The general direction of the lode being from S. E. to N. W.

The N. E. Cor. of this ~~XXXX~~ claim is 1794.5 ft. S. 43° 22' W. from the S. W. Cor. of the Coronado Lode, Lot No. 56.

This certificate is made for the purpose of definitely describing the ground claimed and correcting errors in original certificate.

All rights acquired by original location are expressly reserved.

Date of location Apr. 3rd 1900, recorded in Book 12 of Mines, Page 435.

Amended certificate dated on the ground this 5th day of January A. D. 1904.

Wm. J. Keating, Locators.

WITNESS:

Geo. M. Robison.

Filed and recorded at request of W. S. Munday, February 23rd 1904, at 3:00 p. m.

Mit Simms, County Recorder.

(Book 5 of Mining Locations, at Pages 602-3)
(Transcribed Records, Greenlee County, Ariz)

A M E N D E D N O T I C E O F L O C A T I O N .

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 1434 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.

The claim is situated in Copper Mountain Mining District, in the County of Graham, and Territory of Arizona, and shall be known as the "KEYSTONE" 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 East end of claim, and running 300 feet in a S. 2° 19' W. direction to a monument of stones; thence 717 and 1434 feet respectively in a S. 88° 25' W. direction to monuments of stones; thence 300 feet in a N. 2° 19' E. direction to a monument of stones, being the center of the West end of said claim; thence 300 feet in a N. 2° 19' E. direction to a monument of stones; thence 717 and 1434 feet respectively in a N. 88° 25' E. direction to monuments of stones; thence 300 feet in a S. 2° 19' W. direction to the place of beginning.

600 ft. of this claim lies Easterly, and 834 ft. Westerly from discovery tunnel.

The general direction of the lode being from East to West.

The N. E. Cor. of this claim is 1172 ft. S. 10° 6' E. from the S. W. Cor, of the Coronado Lode, Lot No. 56.

This certificate is made for the purpose of definitely describing the ground claimed and correcting errors in original certificate.

All rights acquired by original location are expressly reserved.

Date on location Oct. 5th 1901, recorded in Book 14 of Mines, Page 391.

Amended certificate dated in the ground this 5th day of January A. D. 1904.

WITNESS: Wm. J. Keating, Locators.
Geo. M. Robison.

Filed and recorded at request of W. S. Munday, February 23rd 1904, at 3:00 p. m.

Mit Simms, County Recorder.

(Book 5 of Mining Locations, at Page 601)
(Transcribed Records-Greenlee County-Ari)

A M E N D E D N O T I C E O F L O C A T I O N .

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 1462.7 feet in length on this lode, vein or deposit of mineral bearing quartz, or other rock in place, with 241 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 "QUEEN LIL" 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 South East end of claim and running 311 feet in a N. 74° 41' W. direction to a monument of stones; thence 731 feet and 1462.7 feet respectively in a N. 54° 30' E. direction to monuments of stones; thence 311 feet in a S. 74° 41' E. direction to a monument of stones, being the center of the North East end of claim; thence 311 feet in a S. 74° 41' E. direction to a monument of stones; thence 731.7 feet and 1462.7 feet respectively in a S. 54° 30' W. direction to monuments of stones; thence 311 feet in a N. 74° 41' W. direction to the place of beginning.

929 ft. of this claim lies North East, and 532.7 ft. South West of discovery tunnel.

The general direction of the claim being from N. E. to S. W.

From the center of the N. E. end line, the S. W. Cor. of the Coronado Lode, Lot No. 56, bears N. 55° 17' E. 587 feet.

This Amended location certificate is made for the purpose of definitely describing the ground claimed, the monuments as herein described are as near as possible the same as those of original location.

All rights acquired by original location are expressly reserved.

Date of location Dec. 23rd 1896, and recorded Feb. 15th 1897 in Book 9 of Mines, at page 143.

Amended location, surveyed and dated on the ground this 4th day of January A. D. 1904.

WITNESS:

Geo. M. Robison.

Wm. J. Keating, Locators.

Filed and recorded at request of W. S. Munday, February 23rd 1904, at 3:00 p. m.

Mit Simms, County Recorder.

(Book 5 of Mining Locations, at Pages 599-600)
(of the Transcribed Records, Greenlee County,)
(Arizona)

2nd AMENDED 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 1420 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 "ST. PAUL" 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 East end of claim, and running 300 feet in a S. 2° 19' W. direction to a monument of stones; thence 710 feet and 1420 feet respectively in a S. 86° 25' W. direction to monuments of stones; thence 300 feet in a N. 2° 19' E. direction to a monument of stones, being the center of the West end of claim; thence 300 feet in a N. 2° 19' E. direction to a monument of stones; thence 710 and 1420 feet respectively in a N. 86° 25' E. direction to monuments of stones; thence 300 feet in a S. 2° 19' W. direction to the place of beginning.

400 ft. of this claim lies Easterly, and 1020 ft. Westerly from the discovery shaft.

The general direction of the lode being from East to West.

The N. W. Cor. of this claim lies 600 ft. S. 22° 31' E. from the S. W. Cor. of the Coronado Lode, Lot No. 56.

This certificate is made for the purpose of definitely describing the ground claimed and correcting errors in former certificate.

All rights acquired by original and amended locations are expressly reserved.

Date of location May 30th 1900, recorded in Book 12 of Mines, page 436.

Date of Amended location May 30th 1901, and recorded in Book 14 of Mines, page 429.

2nd Amended certificate dated on the ground this 5th day of January A. D. 1904.

Wm. J. Keating, Locators.

WITNESS:

Geo. M. Robison.

Filed and recorded at request of W. S. Munday, February 23rd 1904, at 3:00 p. m.

Mit Simms, County Recorder.

(Book 5 of Mining Locations, at Pages 600-1)
(Transcribed Records, Greenlee County-Ariz.)

4-688.

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

Department of the Interior,

OFFICE OF U. S. SURVEYOR-GENERAL,

Phoenix, Arizona,

September 15, 1915

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

Keating Mines Company

known as the St. Paul, Confidence, Black Boy, Deep Down, Keystone, Queen Lil, Gramercy.

situate in Copper Mountain.

Mining District, Greenlee County, Arizona

in Sections 1 & 12, uns, Township No. 4 S., Range No. 28 E., and sections 6 & 7, uns, Township 4 S., Range 29 E. designated as Survey No. 3175

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

And I further certify that five hundred dollars' worth of labor has been expended or improved or for each of said mining claims by claimant or its grantors, and that said improvements consist of 5 shafts, 4 cuts and 4 tunnels, total value \$12705.

Shaft No. 2 on the Queen Lil lode being a common improvement for the benefit and development of all of the claims in this survey, an undivided one-seventh interest therein, value \$705, is properly credited to each of the claims in this survey.

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

I further certify that the plat thereof, filed in the U. S. Land Office at Phoenix,

Arizona

is correct and in conformity with the foregoing Field Notes.

Frank S. Ingalls,

United States Surveyor-General for Arizona.

4-687.

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

Department of the Interior.

Office of U. S. Surveyor-General,

Phoenix, Arizona,

September 15, 1915

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

KEATING MINES COMPANY

, known as the

St. Paul, Confidence, Black Boy, Deep Down, Keystone, Queen Lil, Gramercy.

situate in Copper Mountain mining district,

Greenlee County, Arizona.

in Sections 1&12, uns., Township No. 4 S., Range No. 28 E., and sections 6&7, uns., Township 4 S., Range 29 E. designated as Survey No. 3175

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

Surveyor, June 20-July 1, 1915, under my instructions dated

March 3, 1915, have been critically examined and the necessary cor-

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

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

survey is included in the field notes.

Frank S. Ingalls

U. S. Surveyor-General for Arizona.

UNITED STATES DEPARTMENT OF THE INTERIOR 9605 (942)
BUREAU OF LAND MANAGEMENT M.S. 3175
ARIZONA STATE OFFICE

NOTICE OF CANCELLATION OF MINERAL SURVEY

The St Paul, Confidence, Black Boy, Deep Down, Keystone, Queen Lil and Gramercy lodes, Mineral Survey No. 3175, located in Township 4 South, Range 29 East, Gila and Salt River Meridian, Arizona, are hereby canceled. As of this date, this notice of cancellation will become part of the field notes for Mineral Survey No. 3175, page 31.

These claims have not been filed with the Arizona State Office, Bureau of Land Management, in accordance with Section 314, 90 STAT. 2769, (43 U.S.C. 1744).

This cancellation was necessitated to clear the record.

The Mineral Survey Plat should be noted as follows:

"St Paul, Confidence, Black Boy, Deep Down, Keystone, Queen Lil and Gramercy lodes, M.S. 3175 were canceled February 14, 1996, by memo 9605 (942) M.S. 3175 which is now a part of the original field notes."

February 14, 1996
Date



Acting Chief Cadastral Surveyor of Arizona