

Jul. 27. 1917

MINERAL SURVEY No. 3411 *Platted*

LOT No.

Arizona Land District.

FIELD NOTES

OF THE SURVEY OF THE MINING CLAIM OF

Phelps Dodge Corporation

KNOWN AS THE

January lode

Copper Mountain Mining District,

Greenlee County, Arizona

Section 16 21 Uns., Township 4 South, Range 29 E., G. & S. R. B. & M.

Surveyed under instructions dated July 16, 1917.

by E. T. Morton

U. S. Mineral Surveyor.

Claim located see location notice, 19

Survey commenced July 19, 1917.

Survey completed July 20, 1917.

Address of claimant S. H. Morris, Box 879, Globe, Arizona.

DATES OF AMENDED LOCATIONS.

SURVEY NO. 3411.

Feet.

January lode.

Beginning at Cor.No.1.

Impossible to set corner as it is situate on side of bluff.
From true corner point

U.S.L.M.No.1654 bears N.14°37'W. 3060.6 ft.

Cor.No.37 Sur.No.1127 Joy lode bears S.39°48'E.372 ft.

Witness Cor.bears S.46°36'E.8.6 ft.

Thence S.46°36'E.

8.6 Witness Cor.for Cor.No.1.

A redwood post,in place,4x6 ins.,3.5 ft.high,with a mound of stone,scribed WCJ 1-3411.

No bearings available.

379.6 Intersect line 40-41 and 37-38 Sur.No.1127, Humboldt and Joy lodes, at N.56°29'E.424.9 ft.and 45.2 ft.from Cors. Nos.41 and 37 respectively.

995.6 Intersect line 36-39 and 32-35 Sur.No.1127 Joy and Detroit lodes at N.56°29'E. 118.59 ft.from Cors.Nos.36 and 35 respectively. Cor.No.36 said Joy lode brs. S.39°48'E. 603.6 ft. from Cor.No.37 thereof.

1499.3 To Cor.No.2.

A pine post,in place,4 ins.square,3 ft.high,with a mound of stone,scribed J 2-3411.

No bearings available.

Thence S.43°15'W.

89.45 Southeast end center of the location and lode..

178.9 To Cor.No.3.

Identical with Cors.Nos.2 and 2 Lot No.37A Copper Mountain lode and Sur.No.613 Chalkos lode, respectively, also on line 34-35 Sur.No.1127 Detroit lode at S.39°48'E.534.8 ft. from Cor.No.35.

A redwood post,in place,4x6 ins.,3 ft.high with a mound of stone,scribed J 3-3411.

No bearings available.

Thence N.46°36'W.

Feet.

1161.7 Intersect line 40-41 Sur.No.1127 Humboldt lode at N.56°29'E.241.3 ft. from Cor.No.41.

1402.3 Cor.No.3 Lot No.37A Copper Mountain lode.

1499.3 To Cor.No.4.

A redwood post, in place, 4x6 ins., 3.5 ft. high, with a mound of stone, scribed J 4-3411.

No bearings available.

Thence N.43°15'E.

89.45 Northwest end center of the location and lode.

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

The survey of this claim is identical with the location thereof. The corner point in each instance is indicated by a tack or small nail.

Variation at all corners 13°40'E.

LODE LINE.

As near as can be determined from present developments the vein of the location embraced in this claim extends as follows from the discovery point:

January lode, 10 ft. N.46°36'W. and 1489.3 ft. S.46°36'E.

AREA.

	Acres.
Total area January lode - - - - -	6.158
Area in conflict with-	
Sur.No.1127 Humboldt lode - - - - -	1.472
Tract "A" hereinafter described - - - - -	1.281
Sur.No.1127 Humboldt lode (exclusive of its common conflict with Tract "A" - - - - -	0.191
Sur.No.1127 Joy lode - - - - -	1.128
Sur.No.1127 Detroit lode - - - - -	1.758

TRACT "A"

Beginning at Cor.No.1 January lode of this survey. Thence S.39°48'E.372 ft. to Cor.No.37 Sur.No.1127 Joy lode, on line 40-41 Sur.No.1127 Humboldt lode at N.56°29'E. 379.7 ft. from Cor.No.41. Thence S.56°29'W.138.4 ft. to a point on line 40-41 Sur.No.1127 Humboldt lode at N.56°29'E.241.3 ft. from Cor.No.41, also on line 2-3 Lot No. 37A Copper Mountain lode and 3-4 January lode of this

survey. Thence N.46°36'W.240.6 ft. Cor.No.3 Lot No.37A
 Copper Mountain lode, 337.6 ft. to Cor.No.4 January lode of
 this survey. Thence N.43°15'E.178.9 ft. to the place of
 beginning. Containing 1.281 acres.

LOCATION.

This survey is located in the Copper Mountain Mining
 District, Greenlee County, Arizona, approximately in Secs.
 16, 21, 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 the location embraced in this claim by the less
 claimant or its grantors, is not less than five hundred
 dollars and that said improvements consist of:

January lode.

No.1. The discovery showing mineral in place is on the
 lode line 10 ft. from line 4-1.

No.2. A shaft the center of which bears from Cor.No.3
 N.40°34'W.307.4 ft., 6x10 ft. 560 ft. deep.

Value - - - - - \$16,800.00

ADJOINING LODES.

The adjoining lodes are, ^{on the north and east,} Sur.No.1127 Humboldt, Joy and
^{on the south and west} Detroit lodes, The Arizona Copper Company claimant, ~~Lot No.~~
⁶¹³ ~~74~~ Chalkos and Lot No.37A Copper Mountain lodes claimant
 herein.

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

REPORT.

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

Sur.No.1127 Humboldt, Joy and Detroit lodes:

All corners are posts properly set and scribed except Cor.No.40 Humboldt lode which is an iron rod set in cement about 12 in. below the ground and Cors.Nos. 35 and 36 Detroit and Joy lodes respectively, which have been obliterated. They were re-established by the official notes.

Lot.No.37A Copper Mountain lode:

Cors.Nos.2 and 3 are

posts properly set and scribed.

Sur. No. 613,

Lot.No.74 Chalkos lode:

Cor.No.2 is a post properly

set and scribed.

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

The end center monuments are mounds of stone.

E. J. Morton
U.S. Mineral Surveyor.

ADJOINING LODES.
The adjacent lodes are Sur. No. 117 Humboldt, Joy and Detroit lodes, the Arizona Copper Company claim, and the Chalkos and Lot No. 37A Copper Mountain lodes claimant herein.
INSTRUMENT.
This survey was made with a bull and range level mountain transit. The courses were deflected from the true meridian as determined by polar observations. The distances were measured with 30 and 500 ft. steel tapes.
REPORT.
U. S. M. No. 155 is a post & line square property set and scribed.
Sur. No. 117 Humboldt, Joy and Detroit lodes:

FINAL OATHS FOR SURVEYS.

LIST OF NAMES.

40L 27. 1917

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

United States Mineral Surveyor, to assist in running, measuring, and marking the lines, corners, and boundaries described in the foregoing field notes of the survey of the mining claim of

Phelps Dodge Corporation

known as the January lode

and showing the respective capacities in which they acted.

W.R.Hutchins, *Chainman.*

J.L.Awalt, *Chainman.*

Arman.

Flagman.

FINAL OATHS OF ASSISTANTS.

We, W.R.Hutchins

and J.L.Awalt, do solemnly swear that we assisted

E.T.Morton, United States Mineral Surveyor, in marking the corners and surveying the boundaries of the mining claim of Phelps Dodge Corporation

known as the January lode

represented in the foregoing field notes as having been surveyed by said mineral surveyor and under his direction; and that said survey has been in all respects, to the best of 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.*

Arman.

Flagman.

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

day of August, 1917.

Wade Hampton
Notary Public

6-1048

My commission expires February 23rd, 1920.

(4-686.)

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 July 16, 1917, 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 Phelps Dodge Corporation, known as the January lode, situate in Copper Mountain Mining District, Greenlee County, Arizona, in Section 16 & 21 Uns. Township No. 4 S., Range No. 29 E., G. & S. R. B. & M. and designated as Survey No. 3411, 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 notary public
 this 10th,
 day of August 1917.

Wade Hampton
Notary Public

Amended Location Notice

JUL 14 1917

NOTICE IS HEREBY GIVEN THAT THE UNDERSIGNED

Phelps Dodge Corporation, Morenci Branch

a corporation, the assignee of Alex Bryden and Alex D. McLean

who on the 7 day of January 1884, located the January

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 443, has on this 27th day of June 1917, 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 January Mining Claim. The name of the locator is Phelps Dodge Corporation Morenci Branch

The length of the claim along said vein or lode is 1499.3 feet; the width of said claim is 89.45 feet on each side of the middle of said lead, lode or vein. The general course of said lode and claim is Southeast to Northwest. The distance from the Point of Discovery to the Southeast end center monument of said claim is 1489.3 feet. The distance from said Point of Discovery to the Northwest end center monument is 10.0 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 Southeast end of the claim, which monument is 1489.3 feet S 46° 36' E from said Location Monument; thence S 43° 15' W 89.45 feet to a Post, being the Southwest corner of the claim, thence N 46° 36' E 1499.3 feet to a Post, being the Northwest corner of the claim; thence N 43° 15' E 89.45 feet, to a monument of stones, being the center of the Northwest end of the claim; thence again N 43° 15' E 89.45 feet to a Point, being the Northeast corner of the claim; thence S 46° 36' E 1499.3 feet to a Post, being the Southeast corner of the claim; thence S 43° 15' W 89.45 feet to the place of beginning.

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

From the Northeast Cor. of this claim U. S. L. M. No. 1654 bears N 14° 37' W 3060.6 Ft.

Amended and posted on the ground Phelps Dodge Corporation, Morenci Branch this 27th day of June 1917 *W. H. Lewis* Manager.

Witness:- *W. P. Crombie*

County of _____

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

8949

Amended Location Notice

January by Phelps Dodge Corp. Dated June 27 1917

Filed and recorded at request of

P. D. Corporation June 28 A. D. 1917 at 9 A. M.

Book 3 Location Notices

Pages 318-319

Ray Keller County Recorder.

By Deputy Recorder.

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

Department of the Interior,

OFFICE OF U. S. SURVEYOR-GENERAL,

Phoenix, Arizona,

February 28, 1918.

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

Phelps Dodge Corporation

known as the January lode

situate in Copper Mountain

Mining District, Greenlee County, Arizona

in Section S. 16 & 21, Township No. 4 S., Range No. 29 E., and

designated as Survey No. 3411, has been correctly copied from the originals on file in this office; that said Field Notes furnish such an accurate description of said mining claim as will, if incorporated into a patent, serve fully to identify the premises, and that such reference is made therein to natural objects or permanent monuments as will perpetuate and fix the locus thereof.

And I further certify that five hundred dollars' worth of labor has been expended or improvements made upon said mining claim by claimant or its grantors, and that said improvements consist of 1 shaft, value \$16,800.

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.

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,

February 28, 1918.

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

Phelps Dodge Corporation

, known as the

January lode.

situate in Copper Mountain mining district,

Greenlee County, Arizona.

in Sections 16 & 21 uns., Township No. 4 S., Range No. 29 E.

, designated as Survey No. 3411

executed by E. T. Morton, United States Mineral

Surveyor, July 19-20, 1917, under my instructions dated

July 16, 1917, have been critically examined and the necessary cor-

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

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

survey is included in the field notes.

[Handwritten signature]

U. S. Surveyor-General for Arizona.