

4-683

Jul 27 1917

MINERAL SURVEY No. 3410 *Platted*

LOT No. \_\_\_\_\_

Arizona Land District.

# FIELD NOTES

OF THE SURVEY OF THE MINING CLAIM OF

Phelps Dodge Corporation

KNOWN AS THE

Eighty Seven lode

Copper Mountain Mining District,

Greenlee County, Arizona

Section 16 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 18, 1917.

Survey completed July 19, 1917.

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

### DATES OF AMENDED LOCATIONS.



SURVEY NO. 3410.

Eighty Seven lode.

Beginning at Cor.No.1.

A redwood post, in place, 4x6 ins., 3.5 ft. high, with a mound  
of stone, scribed ES 1-3410, whence

U.S.L.M.No.1654 bears N.73°07'W.3441.2 ft.

Feet.

Thence N.19°00'E.

45.7 To Cor.No.2.

On line 2-3 Lot No.40 Yankie lode at S.14°22'E.232.5 ft.

from Cor.No.3 and on line 13-14 Sur.No.1127 Longfellow

North Extension lode at S.71°00'E.269.9 ft. from Cor.No.

14.

A redwood post, in place, 4x6 ins., 3.5 ft. high, with a mound  
of stone, scribed ES 2-3410.

No bearings available.

Thence S.71°00'E.

15.05 North end center of the location and lode.

30.1 To Cor.No.3.

Identical with the N.W.Cor.Lot No.52 Longfellow lode, also  
on line 13-14 Sur.No.1127 Longfellow North Extension lode  
at S.71°00'E.300 ft. from Cor.No.14.

A redwood post, in place, 4x6 ins., 3.5 ft. high, with a mound  
of stone scribed ES 3-3410.

No bearings available.

Thence S.19°00'W.

45.7 To Cor.No.4.

On line 2-3 Lot No.40 Yankie lode and the West side line

Lot No.52 Longfellow lode at S.14°22'E.287.2 ft. and

S.19°00'W.45.7 ft. from Cor.No.3 and the N.W.Cor. respective-  
ly.

A redwood post, in place, 4x6 ins., 3.5 ft. high, with a mound  
of stone scribed ES 4-3410.

No bearings available.

Thence N.71°00'W.

15.05 South end center of the location and lode.



Feet.  
30.1

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 the present developments the vein of the location embraced in this claim extends as follows from the discovery point:

Eighty Seven lode, 10 ft. N. 19°00'E and 35.7 ft. S. 19°00'W.

AREA. Acre.

Total area Eighty Seven lode - - - - - 0.032

Area in conflict with-

Lot No.40 Yankee lode- - - - - 0.016

LOCATION.

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

- No.1. The discovery showing mineral in place is on the lode line 10 ft. from line 2-3.
- No.2. A stope, which has an outlet through the No.7 level of the Yankee shaft. Said shaft bears from Cor.No.2 S. 59°52'W. 511 ft. At a depth of 351 ft. from its collar the No.7 level bears N. 1°00'E. 65 ft.; thence East 398 ft.; thence N. 22°00'W. 105 ft.; thence East 30 ft.; thence N. 41°30'E. 50 ft.; thence N. 62°00'E. 34 ft.; to the S.W. cor. of said stope 7x26 ft., course of long side N. 14°22'W., height 200 ft.

Value - - - - \$1400.00

ADJOINING LODES.



The adjoining lodes are, <sup>on the North,</sup> Sur.No.1127 Longfellow North  
<sup>on the East,</sup> Extension lode; Lot No.52 Longfellow lode, the Arizona  
<sup>on the West,</sup> Copper Company claimant; and Lot No.40, Yankie lode, 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.

Lot No.40 Yankie lode:

Cor.No.3 is an iron pipe 3 ft. high set in cement and Cor.No.2 is a post properly set and scribed.

Lot No.52 Longfellow lode:


The N.W.and S.W.Cors.are posts properly set and scribed.

Sur.No.1127 Longfellow North Extension lode:

Cors.Nos.13 and 14 are posts 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.

  
 U.S.Mineral Surveyor.

# FINAL OATHS FOR SURVEYS.

AUG 27 1917

## LIST OF NAMES.

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 Eighty Seven lode  
 and showing the respective capacities in which they acted.

W. R. Hutchins, Chainman.  
J. L. Awalt, Chainman.  
 \_\_\_\_\_, Axman.  
 \_\_\_\_\_, 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 Eighty Seven 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 instruc-  
 tions furnished by the United States Surveyor-General for Arizona

W. R. Hutchins, Chainman.  
J. L. Awalt, Chainman.  
 \_\_\_\_\_, Axman.  
 \_\_\_\_\_, Flagman

Subscribed and sworn to by the above-named persons before me this 10th,  
 day of August, 1917.

Wade Hampton  
Notary Public

406 27. 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 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 Eighty Seven lode, situate in Copper Mountain Mining District, Greenlee County, Arizona, in Section 16 Uns., Township No. 4 S., Range No. 29 E., G. & S. R. B. & M. and designated as Survey No. 3410, 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

JUN 14 1917

NOTICE IS HEREBY GIVEN THAT THE UNDERSIGNED

Phelps Dodge Corporation, Morenci Branch

a corporation, the assignee of Wm Church

who on the 27 day of August 1887, 19, located the Eighty Seven

(Formerly Graham) 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, Record of Mines, page 84, 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 Eighty Seven Mining Claim. The name of the locator is Phelps Dodge Corporation Morenci Branch

The length of the claim along said vein or lode is 45.7 feet; the width of said claim is 15.05 feet on each side of the middle of said lead, lode or vein. The general course of said lode and claim is Southwest to Northeast. The distance from the Point of Discovery to the Southwest end center monument of said claim is 35.7 feet. The distance from said Point of Discovery to the Northeast end center monument is 10 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 Southwest end of the claim, which monument is 35.7 feet S.19°W. from said Location Monument; thence N.71°W. 15.05 feet to a post, being the Southwest corner of the claim, thence N.19°E. 45.7 feet to a post, being the Northwest corner of the claim; thence S.71°E. 15.05 feet, to a monument of stones, being the center of the Northeast end of the claim; thence again S.71°E. 15.05 feet to a Post, being the Northeast corner of the claim; thence S.19°W. 45.7 feet to a post, being the Southeast corner of the claim; thence N.71°W. 15.05 feet to the place of beginning.

To more fully identify the claim its general location is described as follows: The North east Cor. of this claim is identical with the N.W. Cor. Lot No. 52 Longfellow lode.

Amended and posted on the ground Phelps Dodge Corporation, Morenci Branch.

this 27th day of June 1917.

*M. H. Green*  
Manager.

Witness: *M. P. Crombie*

*M. H. Green*



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

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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

8948

**Amended Location  
Notice**

"Eighty Seven"  
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 Sparten Notices

Pages 317-18

By \_\_\_\_\_  
County Recorder.

\_\_\_\_\_  
Deputy Recorder.

*[Handwritten signature]*



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

Department of the Interior,

OFFICE OF U. S. SURVEYOR-GENERAL,

Phoenix, Arizona,

February 23, 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 Eighty Seven lode

situate in Copper Mountain

Mining District, Greenlee County, Arizona.

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

designated as Survey No. 3410, 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 stope, value \$1400.

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,

February 23, 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

Eighty Seven lode

situate in Copper Mountain mining district,

Greenlee County, Arizona.

in Section 16 uns., Township No. 4 S., Range No. 29 E.

, designated as Survey No. 3410

executed by E. T. Morton, United States Mineral

Surveyor, July 18-19, 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.