

MINERAL SURVEY No. 4044

Land District.

FIELD NOTES

OF THE SURVEY OF THE MINING CLAIM OF

PHELPS DODGE CORPORATION

KNOWN AS THE

MISSING LINK lode.

Warren

Mining District,

Cochise

County,

Arizona

Section 5, Township 23 S, Range 24 E. G. & S. R. B & M

Surveyed under instructions dated April 14, 1927

by Ralph L. Motz

U. S. Mineral Surveyor.

Claim located September 15, 1904

Survey commenced April 19, 1927

Survey completed April 20, 1927

Address of claimant's attorneys Ellinwood & Ross, Bisbee, Arizona.

DATES OF AMENDED LOCATIONS.

March 7, 1921.

MINERAL SURVEY NO. 4044

Feet	MISSING LINK lode.
	Beginning at Cor. No. 1, the S. E. Cor., identical with location and situated on lines 4-1, 2-3 and 7-8 of Survey No. 3490 Bisbee lode, Survey No. 3490 Missing Link lode and Bisbee Townsite respectively, an iron pipe 3 inches in diameter 4 feet long set 18 inches in the ground in concrete with copper tag on side marked 1-4044 M L, whence Cor. No. 8 of the Bisbee Townsite bears S 66° 30' E 2897.5 ft., Cor. No. 4 Survey No. 3490 Bisbee lode bears S 22° 35' W 423.7 ft. and Cor. No. 3 Survey No. 3490 Missing Link lode bears S 22° 35' W 319.0 ft. and the 1/4 Cor. Between Secs. 5 and 8, T 23 S, R 24 E, G & S R B & M bears S 17° 20' 30" E 413.6 ft. thence N 66° 30' W
300.0	along line 8-7 of the Bisbee Townsite to original location for the south end center being a mound of stones 3 feet high with 3 foot base
592.3	intersect line 4-1 of Survey No. 3490 Missing Link lode at N 22° 35' E 424.4 ft. from Cor. No. 4 and S 22° 35' W 1075.6 ft. from Cor. No. 1
600.0	to Cor. No. 2, the S. W. Cor., identical with location and situated on line 7-8 Bisbee Townsite at S 66° 30' E 1782.5 ft. from Cor. No. 7, an iron pipe 3 inches in diameter 4 feet long set 18 inches in the ground in concrete with copper tag on side marked 2-4044 M L thence N 22° 35' E
543.4	intersect line 2-3 of Survey No. 3477 Belle Isle # 1 lode at S 26° 00' W 129.3 ft. from Cor. No. 2 and N 26° 00' E 470.7 ft. from Cor. No. 3
671.7	intersect line 1-2 of Survey No. 3477 Belle Isle # 1 lode at N 72° 28' W 7.7 ft. from Cor. No. 2 and S 72° 28' E 1492.3 ft. from Cor. No. 1
1500.0	to Cor. No. 3, the N. W. Cor., identical with location, an iron pipe 3 inches in diameter 4 feet long set 18 inches in the ground in concrete with copper tag on side marked 3-4044 M L

Feet

- 300.0 thence S 66° 30' E
to original location for the north end center, being a mound of stones 3 feet high with 3 foot base
- 600.0 to Cor. No. 4, the N. E. Cor., identical with location an iron pipe 3 inches in diameter 4 feet long set 18 inches in the ground in ~~xxxx~~ concrete with copper tag on side marked 4-4044 M L
- 319.0 thence S 22° 35' W
to Cor. No. 2 of Survey No. 3490 Missing Link lode. Cor. No. 1 of Survey No. 3490 Missing link lode bears N 76° 37' W 600.0 ft. from this point
- 723.7 along line 2-3 Survey No. 3490 Missing Link lode to Cor. No. 1 of Survey No. 3490 May Day lode
- 1323.7 along line 1-4 of Survey No. 3490 May Day lode to Cors. 4 and 1 of Survey No. 3490 May Day and Bisbee lodes respectively
- 1500.0 along line 1-4 of Survey No. 3490 Bisbee lode to Cor. No. 1, the place of the beginning.

LEDGE

The presumed course of the vein on this claim is from the north end center S 22° 35' W 1500 ft.

LOCATION

This claim is situated in the Warren Mining District, Cochise County, Arizona, in Sec. 5, T 23 S, R 24 E, G & S R B & M

AREAS

Total Area Missing Link lode - - - - - 20.659 A
Area in conflict with

- Survey No. 3477 Belle Isle #1 lode, - 0.011 A
- Survey No. 3490 Missing Link lode, -15.341 A

IMPROVEMENTS

I hereby certify that the value of the labor and improvements placed upon this claim by the claimant or its grantors is not less than five hundred dollars and that said improvements consist of:-

- No. 1 Discovery open cut, 5 x 9 x 16 ft. long
brg N 30° W mouth of which brs from north
end center on lode line 475. ft. Value - - - \$ 90.00
 - No. 2 Open cut 4 x 12 x 21 feet long with tunnel
at face 4 x 6 x 16 feet long, both brg
N 55° W, mouth of open cut bears from Cor.
No. 1 N 49° 30' W 238.0 ft. Value - - - - - 280.00
 - No. 3 Open cut 4 x 8 x 16 ft. long with tunnel
at face 4 x 6 x 16 ft. long, both brg.
N. 55° W, mouth of open cut bears from Cor.
No. 1 N. 44° 30' W. 237 ft. Value - - - - - 220.00
- Total Value of Improvements \$ 590.00

INSTRUMENT

This survey was made with a Gurley Light Mountain Transit. The courses were deflected from the true meridian as determined for Surveys 3477 and 3490. The distances were measured with 150 and 300 foot steel tapes. Magnetic variation 12° 30' East at all corners.

ADJOINING CLAIMS

- East Survey No. 3490 May Day and Bisbee lodes
- South Bisbee Townsite, and Sur.No.3490, Missing Link lode.
- West Survey No. 3477 Belle Isle #. 1.

REPORT

the 1/4 Cor. between Secs. 5 and 8, T 23 S, R 24 E, G & S R B & M is an iron pipe with copper cap
Bisbee Townsite - Cor. No. 7 is a granite rock 14 x 16 x 8 inches high above ground chiseled BTS No 7; Cor. No. 8 is a quartzite rock 17 x 18 x 18 inches high above ground chiseled BTS No. 8.

Survey No. 3477 Belle Isle # 1 all corners are pine posts properly set and scribed

Survey No. 3490 Missing Link, May Day and Bisbee lodes all corners are iron pipes properly set with copper tags

properly marked.
Dated at Bisbee, Arizona.
April 22, 1927

Ralph L. Moly
U. S. Mineral Surveyor

FINAL OATHS FOR SURVEYS.

LIST OF NAMES.

A list of the names of the individuals employed by Ralph L. Motz
 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 Missing Link lode
 and showing the respective capacities in which they acted.

William R. Collier _____, *Chainman.*
 _____, *Chainman.*
 _____, *Arman.*
 _____, *Flagman.*

FINAL OATHS OF ASSISTANTS.

~~We~~ I, William R. Collier
 and _____, do solemnly swear that ~~we~~ I assisted Ralph L. Motz
 _____, United States Mineral Surveyor, in marking the corners and surveying
 the boundaries of the mining claim of Phelps Dodge Corporation
 known as the Missing Link 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 OFFICE CADASTRAL ENGINEER

William R. Collier _____, *Chainman.*
 _____, *Chainman.*
 _____, *Arman.*
 _____, *Flagman.*

Subscribed and sworn to by the above-named persons before me this 22nd
 day of April, 1927

Charles Rhoads
 Notary Public, in and for the County of
Cochise, State of Arizona.

FINAL OATH OF U. S. MINERAL SURVEYOR.

I, Ralph L. Motz, U. S. Mineral Surveyor,
do solemnly swear that, in pursuance of instructions received from the Office Cadastral Engineer,
at Phoenix, Arizona, dated April 14, 1927,
I have, in strict conformity to the laws of the United States, the official regulations and instruc-
tions thereunder, and the instructions of said Office Cadastral Engineer, faithfully and correctly
executed the survey of the Mining Claim of Phelps Dodge Corporation
....., known as the
Missing Link Lode
situate in Warren Mining District,
Cochise County, Arizona, in Section
5, Township No. 23 S., Range No. 24 E. G & S R. B. & M.
and designated as Survey No. 4044, 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 certifi-
cate, which was received by me from the Office Cadastral Engineer with said instructions, and
that all 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.

Ralph L. Motz
U. S. Mineral Surveyor.

Subscribed and sworn to by the said Ralph L. Motz
U. S. Mineral Surveyor, before me Charles R. Woods, Notary Public
..... this 22nd
day of April, 1927

Charles R. Woods
Notary Public, in and for the County of
Cochise, State of Arizona.
My commission expires May 23, 1929



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

Department of the Interior,

~~OFFICE OF U. S. SURVEYOR-GENERAL,~~

PUBLIC SURVEY OFFICE,

Phoenix, Arizona.

May 28, 19 27.

I, ~~U. S. Surveyor-General for~~ Office Cadastral Engineer, at Phoenix, 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 MISSING LINK lode

situate in Warren

Mining District, Cochise County, Arizona

in Section 5, Township No. 23 S., Range No. 24 E., and

designated as Survey No. 4044, 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 3 cuts and 2 tunnels, total value \$590.

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.

John D. Adams

~~United States Surveyor-General for~~ OFFICE CADASTRAL ENGINEER

CERTIFICATE OF APPROVAL OF FIELD NOTES AND SURVEY OF
MINING CLAIM

DEPARTMENT OF THE INTERIOR
PUBLIC SURVEY OFFICE

At Phoenix, Arizona,

May 28, 1927

I, Office Cadastral Engineer at Phoenix, 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

MISSING LINK lode

situate in _____ Warren _____ mining district,

Cochise _____ County, _____ Arizona

in Section 5, Township No. 23 S., Range No. 24 E.

_____, designated as Survey No. 4044

executed by _____ Ralph L. Motz _____, U. S. Mineral

Surveyor, _____ April 19 - 20 _____, 1927, under my instructions dated

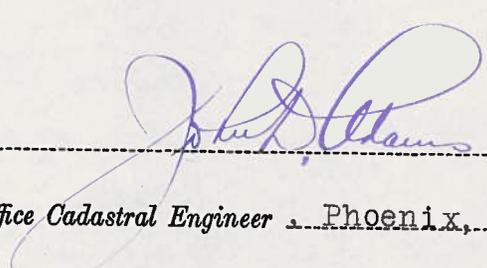
April 14 _____, 1927, have been critically examined and the necessary

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

are hereby approved. The certified copy of the location certificate filed by the applicant for survey is

on file in this office and a true copy of said certified copy of said location certificate is included and

made a part of the transcript of the field notes.



Office Cadastral Engineer Phoenix, Ariz.