

MINERAL SURVEY No. 3576

Arizona Land District

FIELD NOTES

OF THE SURVEY OF THE MINING CLAIM OF

Phelps Dodge Corporation

KNOWN AS THE

REMAINDER lode

Warren

Mining District,

Cochise

County,

Arizona

Section s 22 & 27 Unapproved Township 23 S, Range 24 E

Surveyed under instructions dated March 11, 1919

by Ralph L. Motz

U. S. Mineral Surveyor.

Claim located See location notice, 19

Survey commenced April 3, 1919

Survey completed April 4, 1919

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

DATES OF AMENDED LOCATIONS.

## MINERAL SURVEY NO. 3576

## REMAINDER lode.

- Beginning at Cor. No. 1, the N. E. Cor., identical with location and with Cors. No. 4, 4 and 1, of Sur. No. 1392 Contentment lode, Sur. No. 1872 Martin lode and Sur. No. 2178 Remainder lode respectively, an iron pipe  $3\frac{1}{2}$  ins. in diameter, 4 ft. long, set 18 ins. in the ground in concrete, copper tag on side marked 1-3576 R whence the CC of Secs. 26 and 27, T 23 S, R 24 E, G & S R B & M, on line 3-4 Gap lode Sur. No. 1873 brs S  $30^{\circ} 50' 30''$  E 2845.2 ft.
- thence S  $64^{\circ} 18'$  W
- 263.0 along lines 4-5 Sur. No. 1872 Martin lode and 1-2 Sur. No. 2178 Remainder lode to original location for the east end center being a mound of stones 3 ft. high with 3 ft. base
- 352.3 to Cor. No. 2, situated on line 4-5 Sur. No. 1872 Martin lode and line 2-3 Sur. No. 1743 Mascot lode, and identical with Cor. No. 2, Sur. No. 2178 Remainder lode, an iron pipe  $3\frac{1}{2}$  ins. in diameter, 4 ft. long, set 18 ins. in the ground in concrete, copper tag on side marked 2-3576 R, whence Cor. No. 5, Sur. No. 1872 Martin lode brs S  $64^{\circ} 18'$  W 196.0 ft. and Cor. No. 3, Sur. No. 1743 Mascot lode brs N  $86^{\circ} 15'$  E 89.4 ft.
- thence S  $86^{\circ} 15'$  W
- 210.0 along line 3-2 Sur. No. 1743 Mascot lode and line 2-3 Sur. No. 2178 Remainder lode to Cor. No. 3, the S. E. Cor. identical with Cors. No. 3 and 3 and the North End Center of Sur. No. 1392 Modoc lode, Sur. No. 2178 Remainder lode and Sur. No. 1743 Mascot lode respectively, an iron pipe  $3\frac{1}{2}$  ins. in diameter, 4 ft. long, set 18 ins. in the ground in concrete, copper tag on side marked 3-3576 R, whence Cor. No. 2, Sur. No. 1743 Mascot lode brs S  $81^{\circ} 28'$  W 298.8 ft., and the original location for the southeast corner, being identical with Cor. No. 5, Sur. No. 1872 Martin lode, brs S  $24^{\circ} 51'$  E 78.4 ft.
- thence N  $45^{\circ} 26'$  W
- 918.0 along line 3-4 Sur. No. 2178 Remainder lode to Cor. No.

4, the S. W. Cor., identical with location and with Cor. No. 4 Sur. No. 2178 Remainder lode, a pine post 4 ft. long, 4 ins. sq. set 18 ins. in the ground in a mound of stones and scribed 4-3576 R, whence a limestone ledge with 15 x 23 x 4 ins. high exposure chiseled BR x 4-3576 brs S 57° 14' W 9.3 ft. and a second limestone ledge with 24 x 24 x 5 ins. high exposure with like chiseling brs N 40° 54' E 12.4 ft. and the 1/4 Cor. between Secs. 22 and 27, T 23 S, R 24 E, G & S R B & M brs S 4° 20' W 145.3 ft.

thence N 64° 18' E

263.1 along line 4-5 Sur. No. 2178 Remainder lode to original location for the west end center being a mound of stones 3 ft. high with 3 ft. base

526.1 to Cor. No. 5, the N. W. Cor., identical with location and with Cor. No. 5 Sur. No. 2178 Remainder lode, and situated at intersection of lines 4-1 Sur. No. 1392 Contentment lode and 2-3 Sur. No. 1392 Modoc lode, an iron pipe 3 1/2 ins. in diameter, 4 ft. long, set 18 ins. in the ground in concrete, copper tag on side marked 5-3576 R, whence Cor. No. 1 Sur. No. 1392 Contentment lode brs N 45° 03' W 650.8 ft. and Cor. No. 4, same lode brs S 45° 03' E 999.0 ft. Cor. No. 2 Sur. NO. 1392 Modoc lode brs N 11° 39' 30" W 606.7 ft. and Cor. No. 3 same lode brs S 11° 39' 30" E 890.7 ft.

thence S 45° 03' E

999.0 along lines 4-1 Sur. No. 1392 Contentment lode and 5-1 Sur. No. 2178 Remainder lode to Cor. No. 1, the place of the beginning.

LODE LINE

The presumed course of the vein on this claim is from the east end center N 45° 03' W 999.0 ft.

AREAS

Total Area - - - - - 11.156 A

Area in conflict with

Sur. No. 2178 Remainder lode - - 11.156 A

MINERAL SURVEY NO. 3576 (Con't)

Sur. No. 2178 Remainder Lode  
 exclusive of its conflict  
 with Sur. No. 1392 Modoc  
 lode - - - - - 5.938 A ✓  
 Sur. No. 1392 Modoc lode - - - 5.218 A ✓

LOCATION

This survey is located in Secs. 22 and 27 (Unapproved)  
 T 23 S, R 24 E, G & S R B & M, in the Warren Mining  
 District, Cochise County, Arizona.

IMPROVEMENTS.

I hereby certify that the value of the labor and im-  
 provements 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 shaft 4 x 6 x 10 ft deep brs from east end center on lode line 81.0 ft. Value - - - - - \$ 50.00
- No. 2 Shaft 5 x 7 x 8 ft. deep brs from east end center on lode line 268.6 ft. Value - - - - - 75.00
- No. 3 Shaft 5 x 7 x 38 ft. deep brs from east end center N 6° 37' W 324.6 ft. Value - - - - - 475.00
- No. 4 Shaft 4 x 6 x 8 ft deep brs from east end center S 82° 50' W 39.0 ft. Value - - - - - 40.00
- No. 5 Open cut 4 x 8 x 31 ft. long brg N 30° E. mouth of which brs from east end center N 33° 40' W 112.0 ft. Value - - - - - 150.00
- No. 6 Shaft 4 x 6 x 10 ft. deep brs from east end center N 19° 02' W 116.2 ft. Value - - - - - 75.00
- No. 7 Shaft 4 x 12 x 12 ft. deep brs from east end center N 50° 30' E 56.3 ft. Value - - - - - 120.00
- No. 8 Open cut 4 x 7 x 9 ft. long brg N 64° E mouth of which brs from east end center N 48° 45' E 16.5 ft. Value - - - - - 25.00
- No. 9 Shaft 4 x 6 x 10 ft. deep brs from east end center N 69° 40' W 67.0 ft. Value - - - - - 50.00
- No. 10 Shaft 5 x 6 x 10 ft. deep brs from east end center N 83° 50' W 64.0 ft. Value - - - - - 65.00
- No. 11 Shaft 4 x 6 x 30 ft. deep brs from east end center S 73° 30' W 61.5 ft. Value - - - - - 250.00

No. 12 Shaft 5 x 8 x 9 ft. deep brs from east end center S  
 78° 40' W 48.0 ft. Value - - - - - \$ 75.00  
 Total Value Improvements \$ 1450.00

INSTRUMENT

This survey was made with a Gurley Light Mountain Transit. The courses were deflected from the true meridian as determined from a Solar Observation. The distances were measured with 100 and 300 ft. steel tapes. Magnetic variation 12° 30' east at all corners.

ADJOINING CLAIMS.

East Sur. No. 1392 Contentment lode  
 South Sur. No. 1872 Martin lode  
 Sur. No. 1743 Mascot lode  
 West Sur. No. 1392 Modoc lode.  
 The survey conflicts in its entirety with the Remainder lode, Sur. No. 2178. REPORT

The CC of Secs. 26 and 27, T 23 S, R 24 E on line 3-4 Gap lode Sur. No. 1873 is a limestone rock 5 x 12 x 9 ins. above ground, chiseled CC on south, S 26 on east, S 27 on west and 1873 on north. Monument of rocks 2 ft. east.

The 1/4 Cor. between Secs. 22 and 27, T 23 S, R 24 E is an iron pipe with copper cap marked 1/4 S 22, S 27

Sur. No. 1392 Contentment lode:- Cor. No. 1 is a pine post properly set and scribed. Cor. No. 4 is an iron pipe with copper tag marked 4-1392 C

Sur. No. 1392 Modoc lode:- Cor. No. 2 is a pine post properly set and scribed. Cor. No. 3 is an iron pipe with copper tag marked 3-1392 M.

Sur. No. 1743 Mascot lode:- Cors 2 and 3 are posts with copper tags properly marked. NE Ct is an iron pipe with copper tag marked NEC 1743 M.

Sur. No. 1872 Martin lode:- Cor No 4 is an iron pipe with copper tag marked 4-1872 M, Cor. No. 5 is a pine post properly set and scribed

Sur. No. 2178 Remainder lode:- Cors 1, 2, 3, and 5 are iron pipes with copper tags properly marked. Cor. No. 4 is a pine post properly set and scribed.

Ralph L. Motz  
U. S. MINERAL SURVEYOR.

Dated at

Bisbee, Arizona.

April 8th, 1919.

# 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 REMAINDER LODE  
 and showing the respective capacities in which they acted.

Norman Bigelow, Chainman.  
 \_\_\_\_\_, Chainman.  
 \_\_\_\_\_, Assman.  
 \_\_\_\_\_, Flagman.

## FINAL OATHS OF ASSISTANTS.

~~we~~, I, Norman Bigelow  
~~we~~, do solemnly swear that <sup>I</sup>~~we~~ 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 REMAINDER 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 <sup>my</sup>~~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.

Norman Bigelow, Chainman.  
 \_\_\_\_\_, Chainman.  
 \_\_\_\_\_, Assman.  
 \_\_\_\_\_, Flagman

Subscribed and sworn to by the above-named persons before me this 4th  
 day of April, 19 19

J W T Ross

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

My commission expires Feb. 21, 1920

# 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 United States  
Surveyor General for Arizona, dated  
March 11, 1919, 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  
REMAINDER lode,  
situate in Warren Mining District,  
Cochise County, Arizona, in Section s  
Unapproved 22 & 27, Township No. 23 S, Range No. 24 E. G & S R B & M,  
and designated as Survey No. 3576, 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 per-  
petuated in strict accordance with the law, official regulations and instructions there-  
under; 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 Chas. R. Woods  
Notary Public this 8th  
day of April, 19 19

Charles R. Woods

Notary Public, in and for the County of  
Cochise, State of Arizona.  
My Commission expires May 23<sup>rd</sup> 1921



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

Department of the Interior,

OFFICE OF U. S. SURVEYOR-GENERAL,

Phoenix, Arizona,

June 26, 1919

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

PHILIPS DODGE CORPORATION

known as the REMAINDER LODE,

situate in WARREN

Mining District, COCHISE County, ARIZONA,

in Section ~~S. 22 & 27~~, Township No. ~~23 S.~~, Range No. ~~24 E.~~, and

designated as Survey No. 3576, 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 10 shafts and 2 cuts, total value \$1450.

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.

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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,

June 26, 1919

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

REMAINDER LODE,

situate in WARREN mining district,

COCHISE County, ARIZONA,

in Sections 22 & 27 Unapproved, Township No. 23 S., Range No. 24 E.,

designated as Survey No. 3576.

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

Surveyor, April 3-4, 1919, under my instructions dated

March 11, 1919, 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. 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.

Frank A. Frost

U. S. Surveyor General for Arizona.