

4-683

MINERAL SURVEY No. 3946

Arizona

Land District.

FIELD NOTES

OF THE SURVEY OF THE MINING CLAIM OF

Phelps Dodge Corporation

KNOWN AS THE

IRON QUEEN and STAMBOUL lodes

Copper Mountain

Mining District,

Greenlee

County,

Arizona.

Sections 20 - 21, Township 4 S., Range 29 E., G. & S. R. M.

Surveyed under instructions dated March 21, 1924

by

J. N. Stearns

U. S. Mineral Surveyor.

Claim located See location notices, 19

Survey commenced May 3, 1924

Survey completed May 6, 1924

Address of claimant Phelps Dodge Corporation, Morenci, Ariz.

DATES OF AMENDED LOCATIONS.

Feet

MINERAL SURVEY NO. 3946

IRON QUEEN Lode.

Beginning at Cor. No.1, identical with Loc. Mon. On line 1-2 Stamboul lode of this Sur.

A porphyry rock 6 x 10 x 10 ins. above ground, set 12 ins. in the ground, chiseled with cross (x) 1 IQ - 3946, with md. of stone 3 1/2 ft. base by 3 ft. high alongside, whence the 1/4 Cor. bet. Secs. 20-21 T. 4 S., R. 29 E., brs. N. 87° 27' E., 731.77 ft.

No other bearings are available.

Thence N.11° 02' W.
Va. 13° 30' E.

185.7 To E. end center Stamboul lode of this Sur., hereinafter described.

266.3 Pipe line brs. southeasterly.

321.3 To W. end center, identical with Loc. Mon.

An iron pipe 2 ins. diam. by 4 ft. high, set firmly in the ground and surrounded with md. of stone 3 1/2 ft. base by 3 ft. high, stamped W. Cr. I Q.

552.2 To Cor. No.2 Stamboul lode of this Sur. and Cor. No. 2 Sur. No.2857 Norfolk^{lode} claimant herein, hereinafter described.

642.6 To Cor. No.2, identical with Loc. Mon. and Cor. No.3, Sur. No.2857 First West Extension of the Thompson lode. On line 1-2 Sur. No.2857 Norfolk lode, at S. 11° 02' E., 642.6 ft. ft. from Cor. No.1

A pine post 4 x 6 ins 4 ft. high, set firmly in the ground and surrounded with md. of stone , scribed 2 I Q - 3946, 3 F W E T-2857.

No bearings are available.

Thence N. 57° 57' E.
Va. 13° 30' E.

415.0 Road brs, southeasterly.

940.0 Road brs. easterly.

1080.0 Road brs. northerly

1499.0 To Cor. No.2, Sur.No.2857, First West Extension of the Thompson lode, on line 3-4 Sur. No.2857 Iron King lode at S.11°39'E., 44.4 ft. from Cor. No.4 and N. 11° 39' W., 555.6 ft. from Cor. No.3

1500.0 To Cor. No.3, identical with Loc. Mon.

A limestone rock 7 x 14 x 12 ins. above ground, set 12 ins. in the ground, chiseled with cross (x) 3 I Q - 3946 with md. of stone 3 1/2

Feet

MINERAL SURVEY NO. 3946

IRON QUEEN Lode, Cont'd.

ft. base by 3 ft. high alongside.

Cor. No.4 Sur. No.2857 Iron King lode brs. N. 10°42' W., 43.72 ft

No other bearings are available.

Thence S. 11° 02' E.

Va. 13° 30' E.

87.09 Intersect line 3-4 Sur. No. 2857, Iron King lode at S. 11°39' E.,
131.13 ft. from Cor. No.4 and N. 11°39' W., 468.87 ft. from Cor.
No. 3.

321.3 To E. end center, identical with Loc. Mon.

An iron pipe 2 ins. diam by 4 ft. high, set firmly in the ground
and surrounded with md of stone 3 1/2 ft. base by 3 ft. high,
stamped E. Cr. I.Q.

642.6 To Cor. No.4, identical with Loc. Mon.

A porphyry rock 6 x 8 x 12 ins. above ground, set 12 ins in the
ground, chiseled with cross (x) 4 I Q - 3946, with md of stone
3 1/2 ft. base by 3 ft. high alongside.

No bearings are available.

Thence S. 57° 57' W.

Va. 13° 30' E.

550.0 Road brs southeasterly.

1160.0 Pipe line brs. southeasterly.

1500.0 To Cor. No. 1, the place of beginning.

STAMBOUL Lode.

Beginning at Cor. No.1,

A porphyry rock 6 x 12 x 10 ins. above ground, set 12 ins. in the
ground, chiseled with cross (x) 1 S-3956 with md. of stone 3 1/2
ft base by 3 ft. high alongside, whence the 1/4 Cor. bet. Secs.

20-21 T. 4 S. R. 29 E. brs. N. 73° 13' E. 727.43 ft.

Loc. Mon. brs. S. 11° 02' E., 9.6 ft.

No other bearings are available.

Thence N. 11°02' W.

Va. 13° 30' E.

180.8 To Cor. No.1 Iron Queen lode of this Sur., heretofore described.

366.5 To E. end center, identical with Loc. Mon.

Feet.

MINERAL SURVEY NO. 3946

STAMBOUL Lode.

An iron pipe 2 ins. diam. by 4 ft. high, set firmly in the ground and surrounded with md of stone 3 1/2 ft. base by 3 ft. high, stamped E. Cr. S.

447.1 Pipe line brs. southeasterly.

502.1 To W. end center Iron Queen lode of this Sur., heretofore described

733.0 To Cor. No.2, identical with Loc. Mon. and Cor. No.2 Sur. No.2857 Norfolk lode.

A porphyry rock 6 x 8 x 12 ins. above ground, set 12 ins. in the ground, chiseled with cross (x) 2 S -3946, 2 N -2857, with md. of stone 3 1/2 ft. base by 3 ft. high alongside.

No bearings are available.

Thence S. 43° 43' W.
Va. 13° 30' E.

304.0 Pipe line brs. southeasterly.

1500.0 To Cor. No.3, identical with Loc. Mon. and Cor. No. 3 Sur. No.2857 Norfolk lode, on line 1-2 Sur. No.2857 Margarita Lode. at S.11°02'E. 622.9 ft. from Cor. No.1.

A quartzite rock 6x8x12 ins. above ground, set 12 ins. in the ground, chiseled with cross (x) 3 S - 3946 , 3 N- 2857 with md of stone 3 1/2 ft. base by 3 ft. high alongside.

No bearings are available.

Thence S. 11°02' E.
Va. 13° 30' E.

207.10 To Cor. No.2 Sur. No.2857 Margarita lode.

366.5 To W. end center, identical with Loc. Mon.

An iron pipe 2 ins. diam. by 4 ft. high, set firmly in the ground and surrounded with md. of stone 3 1/2 ft. base by 3 ft. high, stamped W. Cr. S.

733.0 To Cor. No.4, identical with Loc. Mon.

A quartzite boulder in place, 12 x 14 ins. showing 5 ins. above ground, chiseled with cross (x) 4 S - 3946 with md. of stone 3 1/2 ft. base by 3 ft. high alongside.

No bearings are available.

Thence N. 43° 43' E.
Va. 13° 30' E.

Feet

MINERAL SURVEY NO. 3946

STAMBOUL Lode - Cont' d.

1500.00 To Cor. No. 1, the place of beginning.

LODE LINES.

As near as can be determined from the present developments, the veins of the several locations embraced in this claim, extend as follows from their respective discovery points;-

Iron Queen lode, 16 ft. N.57°57'E., and 1484 ft. S. 57°57' W.

Stamboul lode , 440 ft. N. 43° 43' E., and 1060 ft. S. 43° 43' W.

AREA.

	Acres.
Total area Iron Queen lode -----	20.656 ✓
Area in conflict with:	
Sur. No. 2857 Iron King lode -----	0.001 ✓
Total area Stamboul lode -----	20.613 ✓

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

LOCATION.

This survey is located in the E 1/2 Sec. 20, and the N. W. 1/4 Sec. 21 , T. 4 S., R. 29 E., G. & S. R. M.

-----000-----

EXPENDITURE OF FIVE HUNDRED DOLLARS.

I certify that the value of the labor and improvements made upon, ~~or for the benefit of~~ each of the locations embraced in said mining claim by the claimant or its grantors is not less than five hundred dollars, and that said improvements consist of:

IRON QUEEN Lode.

No.1 The discovery point on the center line, 16 ft. from the center of line 3-4, A md. of stone on cropping.

No value.

No.2, A shaft, the center of which brs. from Cor. No.4 N. 15°30' W., 280.0, 4 x 6 ft. 10 ft. deep.

Value \$100.0

No.3, A tunnel, the mouth of which brs. from Cor. No. 1 N.24°45'E., 365 ft., running N. 70° E.,50 ft. to Sta.1, thence N. 70°E.,70 ft. to Sta. 2. From Sta.1 a cross cut 4 x 6 ft. running N.40°W.,35 ft. to face. From Sta. 1, a cross cut 4 x 6 ft., running S. 40 ° E.,35 ft. to face. From Sta.2, a cross cut 4x6 ft., running N. 30° E., 20 ft.

MINERAL SURVEY NO. 3946

EXPENDITURE OF FIVE HUNDRED DOLLARS.

IRON QUEEN Lode- Cont'd.

to face. From Sta. 2, A drift 4 x 6 ft. running N. 60 ° E., 100 ft to face.

Total value \$3150.0

STAMBOUL LODE.

No.1, The discovery tunnel, the mouth of which being the discovery point, on the center line 440 ft. from the center of line 1-2 4 x 6 ft. running S. 30° W., 50 ft. to face.

Value \$500.00

No.2 A tunnel, the mouth of which brs. from Cor. No.1 N. 82°30' W., 4 x 6 ft. running S. 25° W., 75 ft. to face.

Value \$750.0

No. 3 A tunnel, the mouth of which brs. from Cor. No.1 N. 59° W., 240 ft. running S. 15° W. 10 ft. to cave.

Value \$100.

No. 4 A cut, the mouth of which brs. from Cor. No.1 S. 64° 30' W., 675 ft. 4 1/2 ft. wide, 10 ft. face running S. 82° W., 15 ft. to face.

Value \$100.0

INSTRUMENT.

This survey was made with a Gurley mountain transit, the courses were deflected from the true meridian, as determined by direct solar observations. The distances were measured with a 500 ft. steel tape.

REPORT.

The lode line of each location of this claim was run directly upon the ground, and the corners were established by running around the claims.

The 1/4 Cor. bet. Secs.20-21 T. 4 S. R. 29 E., consists of an iron post with brass cap on top, stamped 1/4 S. 20, S. 21.

Sur. No.2857 First West Extension of the Thompson, Norfolk, Iron King and Margarita lodes. All that remains of Cor. Nos 3-4 Iron King and Cor. No. 2 Margarita are decayed stumps, 4 x 6 ins. surrounded with mds. of stone. Cor. Nos. 2-3 Norfolk lode were also in badly decayed condition. I set stones in the exact position of the original corners, chiseled with the number of the corner and the survey.

All courses and distances were found to be correct as approved .

FINAL OATHS FOR SURVEYS.

LIST OF NAMES.

A list of the names of the individuals employed by T.N. Stevens
 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 IRON QUEEN and STAMBOUL Lodes _____
 and showing the respective capacities in which they acted.

_____I.P. Campbell_____, *Chainman.*
 _____, *Chainman.*
 _____, *Asman.*
 _____, *Flagman.*

FINAL OATHS OF ASSISTANTS.

We, I. I.P. Campbell _____
 and _____, do solemnly swear that we assisted _____
T.N. Stevens _____, United States Mineral Surveyor, in marking the corners and surveying
 the boundaries of the mining claim of _____ Phelps Dodge Corporation _____

 known as the IRON QUEEN AND STAMBOUL Lodes _____
 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 ~~my~~ 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 _____

I P Campbell _____, *Chainman.*
 _____, *Chainman.*
 _____, *Asman.*
 _____, *Flagman*

Subscribed and sworn to by the above-named persons before me this 6th
 day of May, 1924

My Commission Expires November 30, 1924

FINAL OATH OF U. S. MINERAL SURVEYOR.

I, T.N. Stevens, U. S. Mineral Surveyor, do solemnly swear that, in pursuance of instructions received from the United States Surveyor General for Arizona, dated March 21, 1924, 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 IRON QUEEN and STAMBOUL lodes, situate in Copper Mountain Mining District, Greenlee County, Arizona, in Section 20-21, Township No. 4 S., Range No. 22 E. G & S. R. M., and designated as Survey No. 3946, 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.

T.N. Stevens
U. S. Mineral Surveyor.

Subscribed and sworn to by the said S. N. Stevens
U. S. Mineral Surveyor, before me P.W. Langworthy Notary Public
in and for Pima County, Arizona this 20th
day of June, 1924

My commission expires July 19 1928
P.W. Langworthy
Notary Public, Pima Co., Arizona

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

DEPARTMENT OF THE INTERIOR,
OFFICE OF U. S. SURVEYOR GENERAL,

Phoenix, Arizona,

July 25, 1924.

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 IRON QUEEN and STAMBOUL lodes
, situate in Copper Mountain
Mining District, Greenlee County,
Arizona, in Section 20 - 21, Township No. 4 S.,
Range No. 29 E., and designated as Survey
No. 3946, 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, 1 cut, 4 tunnels, 3 crosscuts,
and 1 drift, total value \$4700.

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.

Charles M. Donohoe
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

July 25, 1924

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

IRON QUEEN and STAMBOUL lodes

situate in Copper Mountain mining district,

Greenlee County, Arizona

in Sections 20 - 21, Township No. 4 S., Range No. 29 E.

designated as Survey No. 3946

executed by T. N. Stevens, U. S. Mineral

Surveyor, May 3 - 6, 1924, under my instructions dated

March 21, 1924, 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.

Charles M. Donohoe

U. S. Surveyor General for Arizona