

April 10 1918

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9-16-1918 copied ARC
(4-683.)

(34)

Mineral Survey No. 3494 *Platted*

Lot No. _____

ARIZONA Land District.

FIELD NOTES

OF THE SURVEY OF THE MINING CLAIM OF

Phelps Dodge Corporation

KNOWN AS THE

Horse Shoe, Union, Elk lodes.

Warren Mining District,

Cochise County, Arizona

Unapproved

Sections 6 and 7 /, Township 23 South, Range 24 E. G & S R B & M.

Surveyed under instructions dated March 28th, 1918.

by Ralph L. Motz,
U. S. Deputy Mineral Surveyor.

Claim located see location notices attached, 1

Survey commenced April 4, 1918

Survey completed April 8, 1918.

o 6-160

Postoffice address of claimant's attorneys,

Ellinwood & Ross, Attys.

Bisbee, Arizona.

UNION.

Beginning at Cor No 1, the N W Cor, identical with location, an iron pipe 3 ins in diameter 4 ft long set 18 ins in the ground in concrete, copper tag on side marked 1-3494 U, whence a granite ledge with 31 x 55 x 20 ins high exposure chiseled B R x 1-3494 brs S 53° 41' W 13.1 ft., and a second granite ledge with 29 x 30 x 13 ins high exposure with like chiseling brs S 19° 56' E 7.7 ft., and U. S. M. M. No. 1725 Warren Mining District brs N 13° 20' 30" E 3471.8 ft.

thence S 34° 29' E

1500.0 to Cor No 2, the N E Cor, identical with location and with Cor No 1 Horse Shoe lode this survey, an iron pipe 3 ins in diameter 4 ft long set 18 ins in the ground in concrete, copper tag on side marked 2-3494 U, whence a granite ledge with 56 x 99 x 38 ins high exposure chiseled B R x 2-3494 brs S 62° 19' E 2.1 ft., and a granite boulder 40 x 81 x 53 ins above ground with like chiseling brs S 70° 20' W 52.0 ft.

thence S 45° 35' W

301.8 along line 1-4 Horse Shoe lode this survey to original location for east end center being a pine post 4 ft long 4 ins sq set 18 ins in the ground in a mound of stones and scribed E E Ct U 3494,

603.6 to Cor No 3, the S E Cor, identical with location and with Cor No 4 Horse Shoe lode this survey, an iron pipe 3 ins in diameter 4 ft long set 18 ins in the ground in concrete copper tag on side marked 3-3494 U, whence a granite rock in place 23 x 35 x 26 ins above ground chiseled B R x 3-3494 brs N 56° 42' E 20.7 ft., and a granite ledge with 31 x 51 x 6 ins high exposure with like chiseling brs N 53° 10' W 15.9 ft.

thence N 34° 21' W

638.6 cross State Highway, Bisbee to Tombstone, course easterly and westerly,

1500.6 to Cor No 4, the S W Cor, identical with location, an iron pipe 3 ins in diameter 4 ft long set 18 ins in the ground in concrete, copper tag on side marked 4-3494 U, whence a granite ledge with 10 x 24 x 19 ins high exposure chiseled B R x 4-3494 brs S 80° 38' W 14.0 ft., and a second granite ledge with 12 x 40 x 24 ins high exposure with like chiseling brs N 72° 18' E 28.1 ft.

thence N 45° 35' E

94.0 cross State Highway, Bisbee to Tombstone, course northwesterly and southeasterly,

298.2 to original location for west end center being a mound of stones 3 ft high with a 3 ft base,

600.0 to Cor No 1, the place of the beginning.

Horse Shoe.

Beginning at Cor No 1, the N W Cor, identical with location and with Cor No 2 Union lode this survey, heretofore described to which I add 1-3494 for this claim. U. S. M. M. No. 1725 Warren Mining District brs N 0° 36' W 4614.9 ft.

thence S 38° 04' E

700.9 intersect line 3-4 Sur No 1803 Climax lode at N 67° 02' E 59.5 ft and S 67° 02' W 540.5 ft from Cors No 3 and 4, respectively,

750.0 to original location for north side center, being a mound of stones 3 ft high with a 3 ft base,

1361.3 intersect line 6-7 Bisbee Townsite survey at N 23° 30' E 1471.3 ft and S 23° 30' W 1166.7 ft from Cors No 6 and 7 respectively, (intersection of lines 6-7 Bisbee Townsite survey and 2-3 Sur No 1803 Climax lode brs S 23° 30' W 5.1 ft from this point.)

1420.7 intersect line 2-3 Sur No 1803 Climax lode at S 42° 32' E 737.5 ft and N 42° 32' W 762.5 ft from Cors No 3 and 2, respectively, (intersection of lines 6-7 Bisbee Townsite and 2-3 Sur No 1803 Climax lode brs N 42° 32' W 57.2 ft from this point.)

MINERAL SURVEY NO. 3494 (Con't)

1500.0 to Cor No 2, the N E Cor, identical with location, an iron pipe 3 ins in diameter 4 ft long set 18 ins in the ground in concrete, copper tag on side marked 2-3494 H S, whence a granite ledge with 31 x 42 x 22 ins high exposure chiseled B R x 2-3494 brs N 18° 31' E 10.4 ft and a second granite ledge with 18 x 68 x 22 ins high exposure with like chiseling brs S 7° 14' W 15.3 ft. Cor No 7, Bisbee Townsite Survey brs N 17° 51' E 1238.7 ft. Cor No 3 Sur No 1803 Climax lode brs N 42° 06' W 816.6 ft

thence S 45° 35' W

170.3 intersect line 1-2 Elk lode this survey at S 65° 13' E 1305.4 ft and ~~N 65° 13' W 194.6 ft~~ from Cors No 1 and 2 respectively

301.8 to original location for the east end center being a mound of stones 3 ft high with 3 ft base

324.4 intersect line 6-7 Bisbee Townsite survey at N 23° 30' E 1104.7 ft and S 23° 30' W 1533.3 ft from Cors No 6 and 7 respectively

548.4 intersect line 3-4 Sur No 2553 Century lode at S 82° 19' E 220.0 ft and N 82° 19' W 1243.5 ft from Cors No 3 and 4 respectively

600.0 to Cor No 3, the S E Cor, identical with location, an iron post 3 ins in diamter 4 ft long set 18 ins in the ground in concrete, copper tag on side marked 3-3494 H S, no bearings available

thence N 38° 12' W

58.5 intersect line 3-4 Sur No 2553 Century lode at S 82° 19' E 146.3 ft and N 82° 19' W 1317.2 ft from Cors No 3 and 4 respectively

750.0 to original location for the south side center being a mound of stones 3 ft high with 3 ft base

884.4 intersect line 1-2 Elk lode this survey at S 65° 13' E 364.9 ft and ~~N 65° 13' W 1135.1 ft~~ from Cors No 1 and 2 respectively

1499.6 to Cor No 4, the S W Cor, identical with location and

with Cor No 3, Union lode this survey, heretofore described to which I add 4-3494 H S for this claim

thence N 45° 35' E

301.8 to west end center identical with location and with east end center Union lode this survey heretofore described to which I add W E Ct H S 3494 for this claim

603.6 to Cor No 1, place of the beginning.

ELK

Beginning at Cor No 1, the N.W. Cor, identical with location, an iron pipe 3 ins. in diameter 4 ft long set 18 ins in the ground in concrete, copper tag on side marked 1-3494 E, whence U. S. M. M. No 1725 Warren Mining District brs N 3° 33' 30" E 5377.9 ft.

thence S 65° 13' E

364.9 intersect line 3-4 Horse Shoe lode this survey at ~~S 38° 13' E 615.2 ft~~ and N 38° 12' W 884.4 ft from Cor# No 4 and 3 respectively (The intersection of lines 3-4 Horse Shoe lode this survey and 3-4 Sur No 2553 Century lode brs S 38° 12' E 825.9 ft from this point)

1247.5 intersect line 6-7 Bisbee Townsite Survey at S 23° 30' W 1389.2 ft and N 23° 30' E 1248.8 ft from Cors. No 7 and 6 respectively (Intersection of lines 6-7 Bisbee Townsite Survey and 2-3 Horse Shoe lode this survey brs S 23° 30' W 144.1 ft from this point)

1305.4 intersect line 2-3 Horse Shoe lode this survey at S 45° 35' W 170.3 ft and N 45° 35' E 429.7 ft from Cors No 2 and 3 respectively (Intersection of lines 2-3 Horse Shoe lode this survey and 6-7 Bisbee Townsite Survey brs S 45° 35' W 154.1 from this point and the intersection of lines 2-3 Horse Shoe lode this survey and 3-4 Sur No 2553 Century lode brs S 45° 35' W 378.1 ft from this point)

1500.0 to Cor No 2, the N E Cor, identical with location, an iron pipe 3 ins in diameter 4 ft long set 18 ins in the

ground in concrete, copper tag on side marked 2-3494 E whence a granite ledge with 19 x 39 x 3 ins high exposure chiseled B R x 2-3494 brs S $68^{\circ} 43'$ W 6.1 ft and a granite rock in place 20 x 22 x 18 ins above ground with like chiseling brs S $55^{\circ} 50'$ E 19.2 ft. The Cor of Secs 5, 6, 7, and 8, T 23 S, R 24 E G & S R B & M brs N $22^{\circ} 38'$ E 32.5 ft.

thence S $24^{\circ} 45'$ W
 252.2 intersect line 3-4 Sur No 2553 Century lode at S $82^{\circ} 19'$ E 564.2 ft and N $82^{\circ} 19'$ W 899.3 ft from Cors No 3 and 4 respectively (Intersection of lines 3-4 Sur No 2553 Century lode and 6-7 Bisbee Townsite Survey brs N $82^{\circ} 19'$ W 256.8 ft from this point.) ~~Intersection of lines 3-4 Sur No 2553 Century lode and 2-3 Horse Shoe lode this survey brs N $82^{\circ} 19'$ W 344.2 ft from this point. Intersection of lines 3-4 Sur No 2553 Century lode and 3-4 Horse Shoe lode this survey brs N $82^{\circ} 19'$ W 417.9 ft from this point)~~

279.3 Cross Gulch course northwesterly and southeasterly
 300.0 to original location for the east end center being a mound of stones 3 ft high with 3 ft base -

379.6 cross State Highway, Bisbee to Tombstone, course easterly and westerly -

600.0 to Cor No. 3, the S. E. Cor, identical with location, an iron pipe 3 ins in diameter 4 ft long set 18 ins in the ground in concrete, copper tag on side marked 3-3494 E, whence Cor No. 3 Sur No 2553 Century lode brs N $46^{\circ} 35'$ W 569.3 ft and Cor No. 6 Bisbee Townsite Survey brs S $43^{\circ} 55'$ W 686.5 ft.

thence N $65^{\circ} 13'$ W

239.5 intersect line 6-7 Bisbee Townsite survey at N $23^{\circ} 30'$ E 648.7 ft and S $23^{\circ} 30'$ W 1989.3 ft from Cors No 6 and 7 respectively (Intersection of lines 6-7 Bisbee Townsite survey and 3-4 Sur No 2553 Century lode brs N $23^{\circ} 30'$ E 272.4 ft from this point)

293.2 cross State Highway, Bisbee to Tombstone, course easter-

ly and westerly
 472.0 cross gulch, course southwesterly and northeasterly,
 525.2 intersect line 2-3 Sur No 2553 Century lode at N 20° 17'
 E 417.5 ft and S 20° 17' W 182.5 ft from Cors No 2 and 3
 respectively
 890.8 cross State Highway, Bisbee to Tombstone course northerly
 and southerly
 1500.0 to Cor No 4, the S W Cor, identical with location, an
 iron post 3 ins in diameter 4 ft long set 18 ins in the
 ground in concrete with copper tag on side marked 4-3494
 E, no bearings available
 thence N 24° 45' E
 300.0 to original location for the west end center being a pine
 post 4 ft long 4 ins sq set 18 ins in the ground in a
 mound of stones and scribed W E Ct E 3494
 -465.7 cross State Highway, Bisbee to Tombstone, course north-
 westerly and southeasterly
 600.0 to Cor No 1, place of the beginning.

LEDGES

Union - Presumed course of the vein on this claim is from
 the west end center S 34° 29' E 1500.0 ft
 Horse Shoe - Presumed course of the vein on this claim is
 from the east end center N 38° 04' W 1500.0 ft
 Elk - Presumed course of the vein on this claim is from
 the east end center N 65° 13' W 1500.0 ft.

Areas

Union - total area - - - - - 20.412 A
 Horse Shoe - total area - - - - - 20.596 A
 Area in conflict with
 Sur No 1803 Climax lode - - - - - 0.473
 Sur No 2553 Century lode - - - - - 0.034
 Bisbee Townsite Survey - - - - - 0.513
 Bisbee Townsite Survey exclusive
 of its conflict with Sur No
 1803 Climax lode - - - - - 0.510
 Elk - total area - - - - - 20.661 A

Area in conflict with

Sur No 2553 Century lode - - - - - 3.250 A

- Sur No 2553 Century lode exclusive of its conflict with Horse Shoe lode of this survey - - - - - 3.216 A

Horse Shoe lode this survey - - - - - 4.336 A

Bisbee Townsite Survey - - - - - 3.388 A

- Bisbee Townsite Survey exclusive of its conflict with Sur No 2553 Century lode - - - - - 1.659 A

- Bisbee Townsite Survey exclusive of its conflict with Horse Shoe lode of this survey - - - - - 3.292 A

- Bisbee Townsite Survey exclusive of its conflict with Sur No 2553 Century lode and Horse Shoe lode of this survey - - - - - 1.563 A

LOCATION

This survey is located in Secs 6 and 7 (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 improvements placed upon the claims of this group by the claimant or its grantors is not less than five hundred dollars for each location and that said improvements consist of:-

UNION

No. 1	Discovery shaft 4 x 6 x 11 ft deep brs from west end center on lode line 750.0 ft	Value - - - - -	\$ 65.00
No. 2	Open cut 6 x 10 x 20 ft long brg S 73° W mouth of which brs from east end center N 59° 12' W 362.7 ft.	Value - - - - -	150.00
No. 3	Open cut 6 x 8 x 18 ft long brg S 73° W mouth of which brs from east end center N 60° 01' W 351.8 ft.	Value - - - - -	110.00
No. 4	Shaft 4 x 6 x 11 ft deep brs from east end center N 72° 02' W - 303.0 ft.	Value - - - - -	65.00
No. 5	shaft 4 x 7 x 12 ft deep brs from east end center N 83° 31' W 179.2 ft.	Value - - - - -	85.00
No. 6	shaft 6 x 7 x 9 ft deep, 4 x 6 x 39 ft deep, total depth 48 ft brs from Cor No 3 N 19° 10' E 114.6 ft	Value - - - - -	525.00
	Total Value - - - - -		\$1000.00

HORSE SHOE

No. 1	Discovery shaft 4 x 6 x 10 ft deep brs from west end center on lode line 750.0 ft. Value - - - - - \$ 60.00
No. 2	Open cut 4 x 8 x 10 ft long tunnel at face 4 x 6 x 38 ft long both brg S 70° E, mouth of open cut brs from west end center S 45° 05' E 616.1 ft. Value - - - - - 425.00
No. 3	Shaft 4 x 6 x 10 ft deep brs from west end center S 50° 02' E 605.2 ft. Value - - - - - 60.00
No. 4	Shaft 5 x 6 x 8 ft deep brs from west end center S 27° 18' E 471.8 ft. Value - - - - - 50.00
No. 5	Shaft 5 x 7 x 10 ft deep brs from west end center S 22° 26' E 412.2 ft. Value - - - - - 90.00
No. 6	Shaft 5 x 7 x 25 ft deep brs from west end center S 4° 21' E 341.6 ft. Value - - - - - 250.00
No. 7	Shaft 5 x 7 x 10 ft deep brs from west end center S 38° 04' E 138.1 ft. Value - - - - - 90.00
No. 8	Open cut 4 x 8 x 7 ft long tunnel at face 4 x 6 x 32 ft long both brg S 85° E mouth of open cut brs from west end center S 55° 11' E 186.7 ft. Value - - - - - 365.00
No. 9	Open cut 6 x 9 x 13 ft long brg S 78° E mouth of which brs from west end center S 64° 51' E 197.6 ft. Value - - - - - 90.00
No. 10	Open cut 6 x 9 x 13 ft long brg S 78° E mouth of which brs from west end center S 67° 32' E 197.0 ft. Value - - - - - 90.00
No. 11	Open cut 4 x 8 x 7 ft long tunnel at face 4 x 6 x 20 ft long both brg S 78° E mouth of open cut brs from west end center S 74° 59' E 190.6 ft. Value - - - - - 225.00
	Total Value - - - - - \$ 1795.00

ELK

No. 1	Discovery shaft 4 x 6 x 58 ft deep brs from east end center on lode line 625.0 ft Value - \$ 725.00
No. 2	Shaft 5 x 6 x 32 ft deep brs from east end center N 70° 14' W 622.0 ft. Value - - - - - 400.00
No. 3	Open cut 4 x 12 x 14 ft long, tunnel at face 4 x 6 x 15 ft long both brg S 34° 10' W mouth of open cut brs from Cor No 4 N 78° 03' E 335.8 ft. Value - - - - - 200.00
	Total Value - - - - - \$ 1325.00
	Total Value on group - - - - - \$ 4120.00

OTHER IMPROVEMENTS

ELK

Frame house 24.5 x 45 ft long, long side brg N 17° E northeast corner of which brs from Cor No 2 S 37° 39' W 124.2 ft

MINERAL SURVEY NO. 3494 (Con't)

ADJOINING CLAIMS

East Sur No 1803 Climax lode
 Sur No 2553 Century lode
 Bisbee Townsite Survey

South Sur No 2553 Century lode

West Equinoxial lode unsurveyed owned by H. Finotti

Instrument

This survey was made with a Gurley Light Mountain Transit. Courses were deflected from the true meridian as determined by a Solar observation. Distances were measured with 100 and 300 ft steel tapes. Magnetic variation $12^{\circ} 30a'$ East at all corners.

REPORT

U. S. M. M. NO. 1725 is a pine post 9 ft long 6 ins sq surrounded by monument of stones 3 ft high with 6 ft base Post is scribed U S M M NO 1725

Cor of Secs 5, 6, 7 and 8, T 23 S, R 24 E G & S R B & M is an iron pipe with copper cap marked S5, S6, S7, S8, T 23 S, R 24 E

Bisbee Townsite survey. Cor No 6 is a granite rock 11 x 13 x 9 ins above ground chiseled BTS No 6. Cor No 7 is a granite rock 14 x 16 x 8 ins above ground chiseled BTS No 7

Sur No 1803 Climax lode - Cors 2, 3 and 4 are monuments of stones posts missing

Sur No 2553 Century lode - Cors 2 and 4 are monuments of stones posts missing. Cor No 3 is a pine post properly set and scribed.

Ralph L. Mohr

U. S. Mineral Surveyor

Dated at Bisbee, Arizona.

April 12, 1918.

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 Horse Shoe, Union, Elk lodes

 and showing the respective capacities in which they acted.

Bert Wylie _____, *Chainman.*
 _____, *Chainman.*
 _____, *Aceman.*
 _____, *Flagman.*

FINAL OATHS OF ASSISTANTS.

~~we~~ I, Bert Wylie _____
~~and~~ _____, do solemnly swear that ^I~~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 Horse Shoe, Union, Elk 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}~~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 _____

Bert Wylie _____, *Chainman.*
 _____, *Chainman.*
 _____, *Aceman.*
 _____, *Flagman*

Subscribed and sworn to by the above-named persons before me this 12th
 day of April _____, 19 18.

JW Ross
 Notary Public in and for the County
 of Cochise, State of Arizona.
 My commission expires Feb. 21st, 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 28th, 1918, 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
Horse Shoe, Union, Elk lodes
situate in Warren Mining District,
Cochise County, Arizona, in Sections
Unapproved
6 and 7 /, Township No. 23 S., Range No. 24 E., C. & S. R. B. & M.
and designated as Survey No. 3494, 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 J. W. Ross, Notary Public
this 12th
day of April, 19 18.

JW Ross
Notary Public in and for the County
of Cochise, State of Arizona.
My commission expires Feb. 21st, 1920.

NOTICE OF MINING LOCATION
QUARTZ CLAIM.

Mar. 27. 1898

TO ALL WHOM IT MAY CONCERN:

This mining claim, the name of which is the Horse Shoe Mining Claim, situate on lands belonging to the United States of America, and in which there are valuable mineral deposits, was entered upon and located for the purpose of exploration and purchase by W.J.Rucastle the undersigned, on the 3rd day of February 1898.

The length of this claim is Fifteen hundred feet, and I claim 750 feet in a Easterly direction and 750 feet in a West-erly direction from the center of the discovery shaft, at which this notice is posted, lengthwise of the claim, together with 300 feet in width of the surface grounds, on each side of the center of said claim. The general course of the lode deposit and premi-ses is from the East to the West.

The claim is situated and located in Warren Mining Dis-trict, in Cochise County, in the Territory of Arizona, about 2 mile in a North Westerly direction from the Town of Bisbee.

The surface boundaries of the claim are marked upon the ground as follows:

Beginning at Monument of Stone at a point in a Easterly direction 750 feet from the discovery shaft (at which this notice is posted), being in the center of the East end line of said claim; thence 300 feet, to a monument of stone, being the N.E. corner of said claim; thence 750 ---- to a monument of stone at the center of the north sideline of said claim; thence 750 feet to a monument of stone being at the N.W. corner of said claim; thence 300 feet to a monument of stone at the center of the west end of said claim; thence 300 feet to a monument of stone, being at the S.W. corner of said claim; thence 750 feet to a monument of stone, being at the center of the south side line of said claim; thence 750 feet to a monument of stone at the S.E. corner of said claim; thence 300 feet to the place of beginning.

All done under the provisions of Chapter Six, of Title 32, of the Revised Statutes of the United States, and of an Act of the General Assembly of Arizona, entitled "An Act Concerning Mines", approved March 20th 1895.

Dated and posted on the ground this 3rd day of February 1898.

W.J.Rucastle.

Filed and recorded at request of W.J.Rucastle March 4th A.D.1898 at 11 A.M. in Book 14 Records of Mines,Page 500.

RAY B. KREBS,
COUNTY RECORDER

H. L. HUTCHISON,
CHIEF DEPUTY

OFFICE OF THE COUNTY RECORDER
COCHISE COUNTY, ARIZONA

Certificate

STATE OF ARIZONA,)
 :SS
County of Cochise)

I, RAY B. KREBS, County Recorder in and for the County of Cochise, State of Arizona, do hereby certify that the annexed and foregoing is a full, true and correct copy of the Horse Shoe Mining Claim,

as appears of record now in this office in Book 14 Records of Mines, at pages 500

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal, at my office in Tombstone, this 14 day of
December, A. D. 1917

RAY B. KREBS,
COUNTY RECORDER

By *Ges M. Hales*
Deputy



9499

NOTICE OF MINING LOCATION

TO ALL WHOM IT MAY CONCERN:

OK.
Mar 27, 1918

Notice is hereby given that the undersigned, having complied with all the requirements of Chapter XXXII, of Title 6, of the Revised Statutes of the United States, and the local mining laws, rules and regulations, has this day located fifteen hundred (1500) linear feet of this vein or lode; bearing precious metals, with all dips, spurs, angles and variations with surface ground three hundred (300) feet on each side of the center of vein, with all mineral deposits contained therein; and all timber growing within the limits of said claim, and all water and water privileges thereon or appurtenant thereto, under and according to the provisions of the United States mining laws, under which it is located.

This claim commences at this monument and notice placed upon the ledge and runs 750 feet in a north westerly direction, and 750 feet in a south easterly direction along the ledge. The exterior boundaries are as follows, to-wit:

Commencing at a monument of stone at the centre of the north west end of claim; and running 300 feet in a south westerly direction to a monument of stone at the south west corner of claim; thence in a south easterly direction parallel with the ledge 1500 feet to a monument of stone at the south east corner of claim; thence at right angles across the ledge in a north easterly direction 600 feet to a monument of stone at the north east corner of claim; thence parallel with the ledge in a north westerly direction 1500 feet to a monument of stone at the north west corner of claim; thence at right angles across the ledge in a southwesterly direction 300 feet to a monument upon the ledge and place of beginning.

This ledge may be more generally described as situated on the eastern slope of the Divide or Saddle in Mule Pass Canyon and about two miles west of the Town of Bisbee. Its westerly end line runs along the top of the Divide and is crossed by the wagon road near its South West corner. Having the gulch as its centre it extends down near the base of the mountain in Warren Mining District, Cochise County,

Territory of Arizona, and shall be known as the Union Mining Claim.

Dated on the ground; this 9th day of March 1900.

James E. Brophy Locator

Witness:

Thos Higgins.

Filed and recorded at request of M.J. Brophy June 5, 1900 at
1 P.M. in Book No. 15, Records of Mines at Pages 101 and 102.

RAY B. KREBS,
COUNTY RECORDER

H. L. HUTCHISON,
CHIEF DEPUTY

OFFICE OF THE COUNTY RECORDER
COCHISE COUNTY, ARIZONA

Certificate

STATE OF ARIZONA,)
) :SS
County of Cochise)

I, RAY B. KREBS, County Recorder in and for the County of Cochise, State of Arizona, do hereby certify that the annexed and foregoing is a full, true and correct copy of the "Union" Mining Claim.

as appears of record now in this office in Book No.15,
at pages 101-102.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal, at my office in Tombstone, this 14 day of
December A. D. 1917.

RAY B. KREBS

COUNTY RECORDER

By

[Handwritten signature]

Deputy



9501

Mar. 27. 1918

AMENDED NOTICE OF MINING LOCATION

LODE CLAIM:

TO ALL WHOM IT MAY CONCERN:

This Mining Claim, the name of which is the "ELK" Mining Claim, situate on lands belonging to the United States of America, and in which there are valuable mineral deposits, was entered upon and located for the purpose of exploration and purchase by PHELPS DODGE CORPORATION, a corporation duly organized and existing under and by virtue of the laws of the State of New York, the undersigned, on the 8th day of March, 1918.

The length of this claim is 1500 feet, and we claim 625 feet, in an easterly direction and 875 feet in a westerly direction from the center of the discovery shaft, at which this notice is posted, lengthwise of the claim, together with 300 feet in width of the surface grounds, on each side of the center of said claim. The general course of the lode deposit and premises is from the east to the west.

The claim is situated and located in the Warren Mining District, in Cochise County, in the State of

Arizona, about $1\frac{1}{2}$ miles in a northwesterly direction from the postoffice in the City of Bisbee. It is bounded on the north by the "Horse Shoe" claim, and on the west by the "Equinoxial" claim.

The surface boundaries of the claim are marked upon the grounds as follows: Beginning at a monument of stones at a point in an easterly direction 625 feet from the discovery shaft (at which this notice is posted), being in the center of the east end line of said claim; thence southerly 300 feet to a post and monument, being the S. E. corner of said claim; thence westerly 1500 feet to a post and monument, being at the S. W. corner of said claim; thence northerly 300 feet to a monument of stones at the center of the west end of said claim; thence northerly 300 feet to a post and monument, being at the N. W. corner of said claim; thence easterly 1500 feet to a post and monument at the N. E. corner of said claim; thence southerly 300 feet to the place of beginning.

All done under the provisions of the laws of the United States, and of the State of Arizona.

This is an Amended Location Notice of the amended location notice of the "ELK" Mining Claim, located by S. E. Cowan on the first day of July, 1907, and recorded in Book 39 Records of Mines, at page 386, in the office of the Coun-

ty Recorder of the aforesaid County of Cochise, to which reference is hereby made, and this amended Location Notice is made and posted to correct errors in the description in the said original amended Location Notice.

Dated and posted on the ground this 8th day of March, 1918.

PHELPS DODGE CORPORATION,

By

Grant H. Dowell

Attorney in Fact.

AND
COMPARED
BLOTTED

1506

22

Fee

1.00

Filed and recorded at request of

Ellenwood & Ross

STATE OF ARIZONA,

County of Cochise,

I, Ray B. Krebs, County Recorder in and for
the County and State aforesaid, do hereby cer-
tify that the ¹⁸ instrument was filed for
record at 1 P M. on MAR 9 1918

and duly recorded in Book No. 50

of Record of Mines records of Cochise

County, Arizona, at pages 244-45
Witness my hand and official seal the day and
year first above written.

Ray B. Krebs.

County Recorder

By

Geo M. Hales

Deputy

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

Department of the Interior,

OFFICE OF U. S. SURVEYOR-GENERAL,

Phoenix, Arizona,

September 19, 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 HORSE SHOE, UNION, ELK LODES

situate in WARREN

Mining District, COCHISE County, ARIZONA

in Section s 6 & 7 Unapproved Township No. 23 S., Range No. 24 E., and

designated as Survey No. 3494, 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 each of said mining claims by claimant or its grantors, and that said improvements consist of 12 shafts, 8 cuts and 4 tunnels, total value \$4120.00.

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,

September 19, 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

HORSE SHOE, UNION, ELK LODES

situate in WARREN mining district,

COCHISE County, ARIZONA

in Sections ~~6 & 7 Unapproved~~, Township No. 23 South, Range No. 24 East, G. &

S. R. B. & M., designated as Survey No. 3494

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

Surveyor, April 4 - April 8, 1918, under my instructions dated

March 28th, 1918, 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.



U. S. Surveyor General for Arizona.