

MINERAL SURVEY No. 3817

ARIZONA Land District.

FIELD NOTES

OF THE SURVEY OF THE MINING CLAIM OF

Phelps Dodge Corporation

KNOWN AS THE

RICKETTS NO. 1, RICKETTS NO. 2, RICKETTS NO. 3 and RICKETTS NO. 4 lodes

Whetstone Mining District,

Cochise County, Arizona.

Sections 23 and 24 Unsur., Township 18 S, Range 19 E, G & S R B & M

Surveyed under instructions dated November 4, 1921

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

line bet 23 & 24 not surveyed

Claim located see location notices, 19

Survey commenced November 12, 1921

Survey completed November 18, 1921

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

DATES OF AMENDED LOCATIONS.

MINERAL SURVEY NO. 3817

RICKETTS NO. 1 lode.

Beginning at Cor. No. 1, the S. E. Cor., identical with location, a pine post 4 feet long 4 inches square set 18 inches in the ground in a mound of stones and scribed 1-3817 R No. 1, whence a granite rock in place 9 x 15 x 9 inches high above ground chiseled B R x 1-3817 brs S 89° 20' W 5.9 ft., a second granite rock in place 13 x 16 x 9 inches high above ground with like chiseling brs N 1° 55' E 12.8 ft., U. S. M. M. No. 1 Whetstone Mining District brs S 76° 29' W 775.7 ft and the 1/4 Cor. between Secs. 24 and 25, T 18 S, R 19 E, G & S R B & M brs S 6° 04' E 1008.3 ft.

Feet.

thence S 81° 15' W

1500.0 to Cor. No. 2, the S. W. Cor., identical with location and with Cor. No. 1 of Ricketts No. 2 lode of this survey, a pine post 4 feet long 4 inches square set 18 inches in the ground in a mound of stones and scribed 2-3817 R No. 1, whence a granite rock in place 20 x 35 x 15 inches high above ground chiseled B R x 2-3817 brs N 68° 58' E 8.1 ft and a second granite rock in place 20 x 38 x 15 inches high above ground with like chiseling brs S 44° 02' E 6.3 ft.

thence N 8° 45' W

300.0 along line 1-4 of Ricketts No. 2 lode of this survey to west end center, identical with location and with the east end center of Ricketts No. 2 lode of this survey, being a mound of stones 3 feet high with 3 ft. base

600.0 to Cor. No. 3, the N. W. Cor., identical with location and with Cors. No. 4 and 1 of Ricketts No. 2 lode and Ricketts No. 4 lode, both of this survey, respectively, a pine post 4 feet long 4 inches square set 18 inches in the ground in a mound of stones and scribed 3-3817 R No. 1, whence an oak tree 8 inches in diameter by 12 ft. high blazed and scribed B T x 3-3817 brs S 74° 23' W 20.8 ft. and a second oak tree 8 inches in diameter by 12 ft. high blazed and with like scribing brs N 34° 15' W 46.7 ft.

1500.0 thence N 81° 15' E
to Cor. No. 4, the N. E. Cor., identical with location,
a pine post 4 feet long 4 inches square set 18 inches
in the ground in a mound of stones and scribed 4-3817
R No. 1, whence a quartzite rock in place 14 x 14 x 4
inches high above ground chiseled B R x 4-3817 brs N 59°
51' E 12.2 ft. and a quartz ledge with 26 x 37 x 17 inches
high exposure with like chiseling brs S 6° 28' W 22.0 ft
and Cor. No. 1 of Survey No. 683 Monte Viasta Mill site
brs S 79° 00' E 305.0 ft.

300.0 thence S 8° 45' E
to original location for the east end center being a
mound of stones 3 ft. high with 3 ft. base
600.0 to Cor. No. 1, the place of the beginning.

RICKETTS NO. 2 lode.

Beginning at Cor. No. 1, the S. E. Cor., identical with
location and with Cor. No. 2 of Ricketts No. 1 lode of
this survey, heretofore described to which I add 1-3817
R No. 2 for this claim. The 1/4 Cor. between Secs.
24 and 25, T 18 S, R 19 E, G & S R B & M, brs S 64° 01'
E 1767.8 ft.

1500.0 thence S 81° 15' W
to Cor. No. 2, the S. W. Cor., identical with location
and with Cor. No. 1 of Ricketts No. 3 lode of this sur-
vey, a pine post 4 feet long 4 inches square set 18
inches in the ground in a mound of stones and scribed
2-3817 R No. 2, whence a quartz ledge with 16 x 22 x 20
inches high exposure chiseled B R x 2-3817 brs N 39° 27'
W 13.9 ft. and a second quartz ledge with 28 x 68 x 17
inches high exposure with like chiseling brs S 65° 00' W
10.1 feet

300.0 thence N 8° 45' W
along line 1-4 of Ricketts No. 3 lode of this survey to
west end center, identical with location and with the
east end center of Ricketts No. 3 lode of this survey

MINERAL SURVEY NO. 3817 (Cont'd)

RICKETTS NO. 2 (Cont)

600.0 being a mound of stones 3 ft. high with 3 ft. base to Cor. No. 3, the N. W. Cor., identical with location and with Cors. 4 and 2 of Ricketts No. 3 lode and Ricketts No. 4 lode both of this survey, respectively, a pine post 4 feet long 4 inches square set 18 inches in the ground and scribed 3-3817 R No. 2. No bearings available.

thence N 81° 15' E

1500.0 along line 2-1 of Ricketts No. 4 lode of this survey, to Cor. No. 4, the N. E. Cor., identical with location and with Cor. No. 3 of Ricketts No. 1 lode of this survey heretofore described to which I add 4-3817 R No. 2 for this claim.

thence S 8° 45' E

300.0 along line 3-2 Ricketts No. 1 lode of this survey to east end center identical with location and with the west end center of Ricketts No. 1 lode of this survey heretofore described

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

RICKETTS NO. 3 lode.

Beginning at Cor. No. 1, the S. E. Cor., identical with location and with Cor. No. 2 of Ricketts No. 2 lode of this survey, heretofore described to which I add 1-3817 R No. 3 for this claim. The 1/4 Cor. between Secs. 24 and 25, T 18 S, R 19 E, G & S R B & M brs S 79° 55' E 3119.8 ft.

thence S 81° 15' W

1500.0 to Cor. No. 2, the S. W. Cor., identical with location a juniper post 4 feet long 4 inches square set 18 inches in the ground in a mound of stones and scribed 2-3817 R No. 3, whence a granite ledge with 29 x 29 x 14 inches high exposure chiseled B R x 2-3817 brs N 34° 20' E 24.0 ft. and a second granite ledge with 20 x 43 x 23 inches high exposure with like chiseling brs N 12° 05' E 36.4 ft.

- 300.0 thence N 8° 45' W
to original location for the west end center being a mound of stones 3 ft. high with 3 ft. base
- 600.0 to Cor. No. 3, the N. W. Cor., identical with location, a granite rock in place 9 x 11 x 10 inches high above ground chiseled COR. 3 - R NO. 3 - 3817 on top. Exact location of corner is marked by a x chiseled on top. Monument of rocks 3 ft. base and 3 ft. high 4 ft. north of corner. No. bearings available.
- 1500.0 thence N 81° 15' E
to Cor. No. 4, the N. E. Cor., identical with location and with Cor. No. 3 of Ricketts No. 2 lode of this survey heretofore described to which I add 4-3817 R No. 3 for this claim
- 300.0 thence S 8° 45' E
along line 3-2 of Ricketts No. 2 lode of this survey, to east end center, identical with location and with the west end center of Ricketts No. 2 lode of this survey heretofore described
- 600.0 to Cor. No. 1, the place of the beginning.
-
- RICKETTS NO. 4 lode.
- Beginning at Cor. No. 1, the S. E. Cor., identical with location and with Cor. No. 3 of Ricketts No. 1 lode of this survey, heretofore described to which I add 1-3817 R No. 4 for this claim. The ^{Cor.}1/4 between Secs. 24 and 25, T 18 S, R 19 E, G & S R B & M, brs S 50° 52' E 2166.5 ft.
- 1500.0 thence S 81° 15' W
along line 4-3 of Ricketts No. 2 lode of this survey, to Cor. No. 2, the S. W. Cor., identical with location and with Cor. No. 3 of Ricketts No. 2 lode of this survey, heretofore described to which I add 2-3817 R No. 4 for this claim
- 300.0 thence N 8° 45' W
to original location for the west end center being a

MINERAL SURVEY NO. 3817 (Cont)

RICKETTS NO. 4 (Cont)

600.0 mound of stones 3 ft. high with 3 ft. base
 to Cor. No. 3, the N. W. Cor., identical with location
 a pine post 4 feet long 4 inches square set 18 inches
 in the ground in a mound of stones and scribed 3-3817
 R No. 4, whence and oak tree 8 inches in diameter by 12
 feet high blazed and scribed B T x 3-3817 brs S 5° 35'
 W 12.8 ft., and a second oak tree 16 inches in diameter
 by 15 ft. high blazed and with like scribing brs N 6°
 48' E 27.5 ft.
 thence N 81° 15' E

1500.0 to Cor. No. 4, the N. E. Cor., identical with location,
 a pine post 4 feet long 4 inches square set 18 inches
 in the ground in a mound of stones and scribed 4-3817
 R No. 4, whence an oak tree 10 inches in diameter by
 13 ft. high blazed and scribed B T x 4-3817 brs S 38°
 35' W 31.2 ft. and a second oak tree 26 inches in diameter
 by 40 ft. high blazed and with like scribing brs N 44°
 54' W 90.6 ft.
 thence S 8° 45' E

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

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

LODE LINES.

RICKETTS NO. 1 - The presumed course of the vein on this claim is from the east end center S 81° 15' W 1500.0 ft.

RICKETTS NO. 2 - The presumed course of the vein on this claim is from the east end center S 81° 15' W 1500.0 ft.

RICKETTS NO. 3 - The presumed course of the vein on this claim is from the east end center S 81° 15' W 1500.0 ft.

RICKETTS NO. 4 - The presumed course of the vein on this claim is from the east end center S 81° 15' W 1500.0 ft.

begin

AREAS

RICKETTS NO. 11- - - total and net area - - - 20.661 A ✓
 RICKETTS NO. 2 - - - " " " " - - - 20.661 A ✓
 RICKETTS NO. 3 - - - " " " " - - - 20.661 A ✓
 RICKETTS NO. 4 - - - " " " " - - - 20.661 A ✓

LOCATION

This survey is situated in Secs. 23 and 24, unsurveyed,
 T 18 S, R 19 E, G & S R B & M, in the Coronado National
 Forest, Whetstone Mining District, Cochise Co., Arizona.

IMPROVEMENTS

I hereby certify that the value of the labor and im-
 provements made upon or for the benefit of each claim of
 this survey by the claimant or its grantors is not less
 than five hundred dollars and that said improvements
 consist of:-

RICKETTS NO. 1

No. 1	Discovery shaft 4 x 6 x 10 ft. deep brs from east end center on lode line 750 ft. Value - - - - - \$ 60.00
No. 2	Open cut 6 x 12 x 24 ft. long tunnel at face 4 x 6 x 38 ft. long both brg S 22 ° W, mouth of open cut brs from Cor. No. 4 S 49° 08' W 421.0 ft. Value - - - - - 1480.00
No. 3	Open cut 24 x 12 x 20 ft. long brg S 22° W mouth of which brs from Cor. No. 4 S 71° 47' W 610.0 ft (partly caved) Value - - - - - 1200.00
	Total Value - - - - - \$ 2740.00

RICKETTS NO. 2

No. 1	Shaft, discovery, 4 x 6 x 10 ft. deep brs from west end center on lode line 550 ft. Value - - - - - \$ 60.00
No. 2	Open cut 5 x 10 x 20 ft. long tunnel at face 4 x 6 x 41 ft. long, both brg S 9° E, mouth of open cut brs from a point on line 3-4

MINERAL SURVEY NO. 3817 (Cont.)

IMPROVEMENTS (Cont)

S 81° 15' W 751.4 ft. from Cor. No. 4

S 45° 30' E 225.0 ft.

Total Value - - - - - \$1240.00

a 1/2 interest in this improvement has been allotted to Ricketts No. 3 lode of this survey. The surface of Ricketts No. 2 and Ricketts No. 3 lodes rises sharply above this tunnel and by running crosscuts the lode on Ricketts No.

3 can be prospected from this tunnel.

a 1/2 interest allotted to this claim - - - - - \$ 620.00

a 1/3 interest allotted to this claim - - - - - \$ 400.00

Improvement No. 3 Ricketts No. 4

Total Value - - - - - \$ 1020.00

This tunnel is situated higher in elevation than the highest point on Ricketts No. 4 lode and only a few feet lower than the highest point on the Ricketts No. 1 lode so that the tunnel or its crosscuts could not be run to benefit either of these claims.

RICKETTS NO. 3

No. 1 Discovery shaft 4 x 6 x 10 ft. deep brs from west end center on lode line 500.0 ft. Value \$ 60.00

a 1/2 interest in Improvement No. 2 Ricketts No. 2 lode of this survey allotted to this claim - - - - - 620.00

a 1/3 interest in Improvement No. 3 Ricketts No. 4 lode of this survey allotted to this claim - - - - - 400.00

Total Value - - - - - \$1080.00

RICKETTS NO. 4

No. 1 Discovery shaft 4 x 6 x 10 ft. deep brs from west end center on lode line 550 ft. Value - \$ 60.00

No. 2 Open cut 4 x 9 x 14 ft. long brg S 20° W mouth of which brs from center of discovery shaft N 67° W 71.0 ft. Value - - - - - 65.00

No. 3 Open cut 4 x 11 x 24 ft. long tunnel at face 4 x 6 x 35 ft. long, both brg S 20° W, mouth of open cut brs from center of discovery shaft N 68° 15' W 98.0 ft. Total Value \$1200.00

a 1/3 interest in this improvement has been allotted to each of the Ricketts No. 2, Ricketts No. 3 and Ricketts No. 4 lodes. This tunnel has been run for the benefit of these three claims. The

surface of these three claims rises above the level of this tunnel and by continuing its course and by running crosscuts the lodes of these three claims can be prospected at depth.

a 1/3 interest allotted to this claim - - - \$ 400.00
Total Value - - - - - \$ 525.00

Total on group - - - - - \$ 5425.00
The elevation of this tunnel is higher than 4/5 of the surface of the Ricketts No. 1 lode. It would not be feasible to run crosscuts from this tunnel such a long distance to develop this small portion that would be above it.

ADJOINING CLAIMS

North None
East None
South None
West None

INSTRUMENT

This survey was made with a Gurley Light Mountain transit. Courses were deflected from the true meridian as determined by a direct Solar observation. Distances were measured with 100 and 300 ft. steel tapes. Magnetic variation 13° East at all corners.

REPORT

U. S. M. M. No. 1, Whetstone Mining District is a pine post 2 1/2 x 4 inches by 10 ft. high set in a monument 3 ft. high with 6 ft. base. Scribed U S M M No. 1 1/4 Cor. between Secs. 24 and 25, T 18 S, R 19 E, G & S R B & M is a granite rock 4 x 8 x 11 inches above ground chiseled 1/4 on north face. Monument of rocks 2 ft. north.

Survey No. 683 Monte Vista M. S., Cor. No. 1 is a mound of rocks, post missing.

Ralph L. Mott

Dated at Bisbee, Arizona. U. S. Mineral Surveyor.
Dec. 17, 1921.

FINAL OATHS FOR SURVEYS.

LIST OF NAMES.

A list of the names of the individuals employed by Ralph L. Moz
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 Ricketts No 1, Ricketts No. 2, Ricketts No 3 & Ricketts No 4 lodes
and showing the respective capacities in which they acted.

- Ernest Goodman, Chainman.
- _____, Chainman.
- _____, Axman.
- _____, Flagman.

FINAL OATHS OF ASSISTANTS.

~~I~~ I, Ernest Goodman
and _____, do solemnly swear that ~~we~~ ^I assisted

Ralph L. Moz, United States Mineral Surveyor, in marking the corners and surveying
the boundaries of the mining claim of Phelps Dodge Corporation

known as the Ricketts No 1, Ricketts No. 2, Ricketts No 3 & Ricketts No 4 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 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.

- Ernest Goodman, Chainman.
- _____, Chainman.
- _____, Axman.
- _____, Flagman

Subscribed and sworn to by the above-named persons before me this 18th
day of November, 1921

Peter A. Lofgreen
Justice of the Peace

4-686.

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
November 4, 1921, 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
RICKETTS NO. 1, RICKETTS NO. 2, RICKETTS NO. 3 and RICKETTS NO. 4 lodes
situate in Whetstone Mining District,
Cochise County, Arizona, in Section ^S
23 & 24 ^{Unsur.}, Township No. 18 S, Range No. 19 E, G & S R B & M
and designated as Survey No. 3817, 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 Charles R. Woods
Notary Public this 17th
day of December, 19 21

Charles R. Woods
Notary Public, in and for the County
of Cochise, State of Arizona.
My commission expires May 23rd, 1925.

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

Department of the Interior,

OFFICE OF U. S. SURVEYOR-GENERAL,

Phoenix, Arizona.

February 27, 1922.

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 RICKETTS NO.1, RICKETTS NO.2, RICKETTS NO.3, and RICKETTS NO.4 lodes

situate in Whetstone

Mining District, Cochise County, Arizona

in Sections 23&24, Unsur. Township No. 18 S., Range No. 19 E., and

designated as Survey No. 3817, 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 4 shafts, 5 cuts and 3 tunnels, total value \$5425.

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 27, 1922

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

RICKETTS NO.1, RICKETTS NO.2, RICKETTS NO.3, and RICKETTS NO.4 lodes

situate in Whetstone mining district,

Cochise County, Arizona

in Sections 23 & 24 Unsur., Township No. 18 S., Range No. 19 E.

, designated as Survey No. 3817

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

Surveyor, November 12 - 18, 1921, under my instructions dated

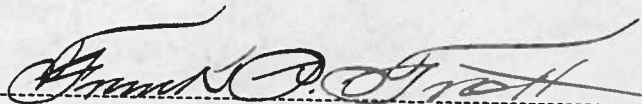
November 4, 1921, have been critically examined and the necessary

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.



U. S. Surveyor General for Arizona.