

MINERAL SURVEY No. 4223

ARIZONA Land District

FIELD NOTES

OF THE SURVEY OF THE MINING CLAIM OF

PHELPS DODGE CORPORATION

KNOWN AS THE

VICTORY lode

VERDE Mining District,

YAVAPAI County, ARIZONA.

Section 22 unsur., Township 16 N., Range 2 E.

Surveyed under instructions dated July 21, 1939, 19

By J. WILLIAM WAARA U. S. Mineral Surveyor.

Claim located December 12, 1918

Survey commenced Sept. 16, 1939

Survey completed Oct. 10, 1939

Attys.; Address of claimant's Ellinwood & Ross, Title & Trust Bldg., Phoenix Arizona.

DATES OF AMENDED LOCATIONS

Feet

MINERAL SURVEY NO. 4223

Mineral Survey No. 4223 was made with a Lietz Light Mountain transit No. 9503, Model No. 9, with horizontal limb 5 inches in diameter having double opposite verniers and full vertical circle 5 inches in diameter, having double opposite verniers; the horizontal verniers reading to thirty seconds of arc, and the vertical verniers reading to one minute of arc; the eye piece is fitted to receive a prismatic eye piece suitable for making direct observations upon the sun. The instrument was in good condition at the time of the survey and all adjustments were in good order. Altitude observations of the sun for azimuth, and at noon on the meridian for latitude were made, the details of which observations are shown in the calculation sheets herewith submitted for examination. All azimuths in this record are referred to the true meridian thus determined, by the method of deflection angles and calculated courses.

The lines were measured with a 1/8 inch steel tape 500 feet in length, graduated every foot, which was compared with a steel standard tape at the time of beginning the survey and found correct.

All lines and connections of this survey were run by direct methods. The magnetic variation observed at each corner of the survey gave a uniform value of $14^{\circ}-50'E$.

VICTORY LODE

Beginning at Cor. No. 1 of the Victory lode;

This corner fell on the slope of the north rim of the open pit where operations of the company are centered, and at which point it was impracticable to set a permanent monument for a corner; from this corner, I established a witness corner on the outside edge of the nearest bench level, $S. 85^{\circ}-57'-15'' W. 6.50$ feet dist. A diorite rock in place with $1 \times 1 \times 0.6$ foot exposure chiseled W C V 1 4223 with a cross (x) for exact corner point, whence from true corner point

Feet

A diorite rock in place with a 4x2x1 foot exposure, located in the center of level bench chiseled BxR V 1 4223 brs N.41°-44'W. 25.96 feet.

The corner Secs.14,15,22 & 23, T.16 N.R.2 E. of the Gila and Salt River Meridian brs. N.55°-21'-E. 4249.0 feet.

Cor.No. 3 Wade Hampton lode Sur. No. 592 brs. N.39°-52'W. 626.8 feet.

Thence S.85°-57'-15"W.

- 6.50 Witness corner to Cor. No.1 heretofore described.
- 65.47 Intersect line 1-4 Eclipse lode Sur. No. 3468, S.37°-48'-40"E. 254.98 feet from Cor. No.2/175.59 feet from its intersection with line 1-2 Mineral Point lode Sur.No. 1417.
- 129.45 SOUTH CENTER END, built a substantial mound of stone.
- 138.83 Intersect line 2-3 Wade Hampton lode Sur. No. 592, S.28°-12'-30"E. 557.03 feet from Cor. No.3; 187.26 feet from its intersection with line 3-4 Eclipse lode Sur. No. 3468; and 28.22 feet from its intersection with line 1-2 Mineral Point lode Sur. No. 1417.
- 147.67 Intersect Cor. No.1 Mineral Point lode Sur.No. 1417, identical with Cor. No. 3, 1888 lode Sur. No. 1151; S.10°-03'-40"E. 519.50/feet from Cor. No. 2 Mineral Point lode Sur.No. 1417; 146.72 feet from its intersection with line 1-4 Eclipse lode Sur. No. 3468; 25.89 feet from its intersection with line 2-3 Wade Hampton lode Sur. No. 592.
- ~~152.97 Intersect theoretical tangent line between Cor. No.3 Wade Hampton lode Sur. No.592 and Cor. No. 4-1888 lode Sur. No. 1151, S.26°-52'-20"E. 551.40 feet from Cor.No. 3 Wade Hampton lode Sur. No. 592; 168.96 feet from its intersection with line 3-4 Eclipse lode Sur. No. 3468; and N.26°-52'-20"W. 904.34 feet from Cor. No.4 -1888 lode Sur. No. 1151.)~~
- 250.00 Intersect Cor. No.5 Mineral Point lode Sur.No. 1417, identical with; Cor.No.3 Warrior lode Sur. No. 1074A; Cor. No. 1 Red Line lode Sur. No. 1154; Cor. No;2-1888 lode Sur.No.

Feet

Feet

1151; Cor. No. 2 Warrior lode Sur. No. 1074A identical with Cor. No. 4 Red Line lode Sur. No. 1154, brs. N. 87°-

02'-30"W. 595.00 feet; Cor. No. 4 Warrior Lode Sur. No. 1074A, brs. N. 18° 35' 15" W. 1302.21 feet. Intersection of line 3-4 Warrior and line 3-4 Mineral Point lode, brs. N. 18° 35' 15" W. 1255.61 ft. dist., and intersection of line 3-4 Warrior and line 3-4 Jerome lode, Sur. No. 1152, brs. N. 18° 35' 15" W. 1267.64 ft. dist. Cor. No. 4 Mineral Point lode, Sur. No. 1417, brs. N. 18° 40' 40" W. 1256.36 feet. Also intersect line 3-4 Eclipse lode, Sur. No. 3468, S. 7°-22'-30"W. 216.25 feet from Cor. No. 4 and 174.30 feet

from its intersection with line 2-3 Wade Hampton lode Sur. No. 592.

256.95 Cor. No. 2.

This corner fell on the rough face of the steep slope of the open pit, where it was impracticable to establish a corner; from this corner I established a witness corner N. 38°-15'-30"W. 1.00 foot.

A diorite rock in place with 10x 15 feet exposure, at lower edge of which and facing east, chiseled W C V 2 4223 with x for exact corner point.

From true cor. point,

An iron pin set in concrete in approximately the center of the bench level, brs. N. 57°-31'E. 179.0 feet, chiseled B R V 2 4223.

Thence N. 38°-15'-30"W.

1.13 Intersect line 2-3 Warrior lode Sur. No. 1074A identical with line 1-4 Red Line lode Sur. No. 1154, N. 87°-02'-30"W. 7.64 feet from Cor. Nos. 3 and 1 respectively.

1555.95 Intersect line 1-2 Railroad Lode Sur. No. 1418, S. 17°-52'-55"E. 42.64 feet from Cor. No. 2

1556.65 Intersect line 1-2 Warrior Lode Sur. No. 1074A, S. 17°-33'-E. 41.99 feet from Cor. No. 1

1601.33 COR. NO. 3

On line 2-3 Railroad lode Sur. No. 1418, and identical with Cor. No. 1 Contention lode Sur. No. 2443.

This corner point fell on the face of a concrete monument (hereafter described) where it was impracticable to set a new concrete monument; from this corner I establish-

599.86
383.61
216.25
174.30
174.3

5

Feet

ed a witness corner N.31°-23'-12"W. 0.20 feet.

A cylindrical concrete monument 12 inches exposed, with top 8 inches in diameter embedding a two inch iron pipe, cap and reducer holding a brass plate marked W C V 3 4223, W C C 1 2443 with its center for exact corner point.

From the true corner point, Cor. No.1 Warrior lode Sur. No. 1074A identical with Cor. No.2 Railroad lode Sur. No. 1418 brs. N.71°-44'E. 15.80 feet.

Thence N.31°-23'-12"W. (from true cor. point)

.20 Witness Corner to Cor. No.3 of this lode heretofore described.

6.87 COR. NO.4

On line 1-2 Contention lode Sur. No. 2443, and identical with Cor. No. 4 Victor lode Sur. No. 1349.

A cylindrical concrete monument 12 inches exposed with top 8 inches in diameter, embedding^a two inch iron pipe, cap and reducer holding a brass plate marked V 4 4223, V 4 1349 with its center for exact corner point, whence

Cor. No.1 Warrior lode Sur. No. 1074A identical with Cor. No. 2 Railroad lode Sur. No. 1418 brs. S.87°-12'-E. 18.61 feet.

Cor. No.4 Warrior lode Sur.No. 1074A brs. S.87°-12'-E. 587.85 feet; line 1+4 Warrior lode is S.87°12'E.569.24 feet in length.

Cor. No.1 Victor lode Sur. No.1349 brs. S.87°-12'-00"E. 578.65 feet.

Thence N.85°-57'-15"E.

338.2 NORTH CENTER END, built a substantial mound of stone.

539.00 Intersect line 3-4 Jerome lode Sur. No. 1152 and with line 1-2 Victor lode Sur.No. 1349, N.31°-18'-53"W. 915.42 feet from Cor. No. 3 Jerome lode (Sur. No. 1152;) 129.39 feet from its intersection with line 3-4 Mineral Point lode Sur. No. 1417; 115.91 feet from its intersection with line 3-4 Warrior lode Sur. No. 1074A; 77.03 feet from its intersection with line 1-4 Warrior lode Sur. No. 1074A, and ~~N.31°-18'-53"W. 77.03 feet~~ from Cor. No. 1

Feet	
	Victor Lode Sur. No. 1349.
640.1	COR. NO.5 Set a cylindrical concrete monument 30 inches long and 12 inches exposed, with top 8 inches in diameter, embedding two inch iron pipe, cap and reducer holding brass plate marked V 5 4223 with its center for exact corner point, whence; A diorite boulder 3x3x3 feet exposed and chiseled BxR V 5 4223 brs. N.59°-13'-30"W. 21.50 feet. Thence S.25°-24'-40"E.
133.66	Intersect line 3-4 Mineral Point lode Sur. No. 1417, S.88°-03'-36"E. 96.18 feet from Cor. No.4, 94.19 feet from its intersection with line 3-4 Warrior lode Sur. No. 1074A; 91.02 feet from its intersection with line 3-4 Jerome lode Sur. No. 1152; and N.88°-03'-36"W. 208.66 feet from Cor. No.3 Mineral Point lode Sur. No. 1417.
873.72	Intersect Cor. No.3 Jerome lode Sur.No.1152, whence Cor. No.4 said lode brs. N.31°-18'-53"W. 1368.83 feet, ^{also} intersect line 3-5 Wade Hampton lode Sur.No. 592 N.83°-05'- 00 "E. 164.95 feet from Cor. No.3; ^{also} intersect Cor.No.2 Mineral Point lode Sur. No. 1417, whence Cor. No.3 of said lode brs. N.9°-21'-40"W. 670.33 feet.
1428.48	To Cor. No.1 and place of beginning.

LODE LINE

The presumed course of the vein of the location embraced in this survey, counted from the ~~respective~~ point of discovery, is as follows;

N.31°-33'-30"W.1286.8 feet and S.31°-33'-30"E. 213.2 feet.

AREA

	Acres
Victory lode, total area	13.713
Area in conflict with;	
Sur.No. 592, Wade Hampton lode	1.806
Sur. No. 1074A, Warrior lode	8.293
Sur.No. 1152, Jerome lode	.944
Sur. No. 1152, Jerome lode, exclusive of its conflict with Sur.No. 1074A, Warrior lode	.941
Sur. No. 1154, Red Line lode, (nominal)	.000
Sur. No. 1349, Victor lode,	.424
Sur.No. 1417 Mineral Point lode,	3.883

Sur.No.1417, Mineral Point lode, exclusive of its conflict with Sur. No.592, Wade Hampton lode	2.949
Sur. No. 1417, Mineral Point lode, exclusive of its conflict with Sur.No.1074A, Warrior lode	3.856
Sur. No. 1417, Mineral Point lode, exclusive of its conflict with Sur.No.1152, Jerome lode,	3.196
Sur. No. 1418, Railroad lode,	.008
Sur.No.1418 Railroad lode, exclusive of its conflict with Sur.No.1074A Warrior lode	.008
Sur. No. 3468, Eclipse lode,	.449
Sur. No. 3468, Eclipse lode exclusive of its conflict with Sur. 592 Wade Hampton lode	.218
Sur. No. 3468, Eclipse lode, exclusive of its conflict with Sur. No. 1417, Mineral Point lode	.138
Sur. No. 3468, Eclipse lode, exclusive of its conflict with Sur.592, Wade Hampton lode, and Sur. No. 1417 Mineral Point lode,	.003
Tract "A"	.038
Tract "B"	.000
Tract "C"	.001

TRACTS.

Tracts "A", "B", and "C" were so designated for the purpose of ready identification; the west boundary of Tract "A" being on a theoretical line connecting Cor.No. 3 of the Wade Hampton lode, Sur.No.592, and Cor.No.4 1888 lode, Sur.No.1151.

Tract "A"; Beginning at Cor.No.3 Wade Hampton lode, Sur. No. 592, thence S. 28° 12' 30" E. 369.77 ft. to intersect line 3-4 Sur. No.3468, Eclipse lode, thence S. 7° 22' -30"W. 15.36 ft.; thence N.26° -52' -10"W. 382.44 ft. to the place of beginning, containing .038 acres.

Tract "B"; Beginning at intersection of line 3-4 Jerome lode Sur.No.1152 with line 3-4 Mineral Point lode Sur. No.1417; thence S.88° -03' -36"E. 3.17 feet; thence N.18° -35' -15"W. 12.03 feet; thence S.31° -18' -53"E. 13.48 feet. to the place of beginning, containing .000+ acres.

Tract "C"; Beginning at Cor. No.4 of Victor lode of this survey; thence S.87° -12' -00"E. 18.61 feet; thence S.71° -44' -00"W. 15.80 feet; thence N.31° -23' -12"W. 6.87 feet. to the place of beginning, containing .001 acres.

LOCATION

This survey is located in the northwest 1/4 of Sec. 22

unsurveyed, T.16 N.R.2 E of the Gila and Salt River Base and Meridian, in the Prescott National Forest, Yavapai County State of Arizona.

The survey of the ~~Victory lode~~ is identical with the location as marked and witnessed upon the ground.

EXPENDITURE OF FIVE HUNDRED DOLLARS

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

No.1 The discovery cut and tunnel of the Victory lode, the center of the face of which is on the lode line and bears N.31°-33'-30"W. 213.2 feet from the South Center End, cut 4x18x10 foot face, tunnel 4x6x51 feet long, brs southeast.

Value cut & tunnel \$600.00

No.2 Open pit excavation covering the net area of the Victory lode being 0.039 acres, to a depth of 50 feet, equivalent to approximately 3146 cubic yards of open pit excavation.

Value \$3146.00

OTHER IMPROVEMENTS

None.

OTHER CORNER DESCRIPTIONS

The corner of sec 14-15-22-23 T.16 N.R.2 E. is a pipe with cap properly set and marked as called for in the field notes of the Public Land Survey. The 1/4/cor. between Sec. 22-23 has been obliterated.

All corners of the conflicting claims have been destroyed in the open pit operations on the claimant's property, and it was necessary to determine the theoretical loci of such claims; this has been done as accurately as possible, using the claimants triangulation system records when conflicting records of approved mineral surveys made it seem advisable. Sur. No. 1074A Warrior lode.

Corner Nos. 3 and 4 of this survey have been destroyed by open pit operations. The loci of corner Nos 1 and 2 have been preserved by substantial conical-frustrum concrete monuments; one foot exposed, fitted with pipe, cap and reducer embedded therein, with brass plate attached upon which are the markings of the respective corners, replacing original corners of the original approved survey. These concrete monuments were established in 1919.

From this locus of Cor. No. 2, I accepted the record of the company's triangulation system S. 87°-02'-30"E. 595.0 feet for the line 2-3, and for the position of Cor. No. 3 as the record in Sur. No. 3468. From this locus of Cor. No. 1 I accepted the record of the company's triangulation system, S. 87°-12'-00"E. 569.24 feet for line 1-4, and for the position of Cor. No. 4, and course of line 3-4 as S. 18°-35'-15"E. 1302.21 feet.

Sur. No. 592 Wade Hampton lode.

From the locus of Cor. No. 3 Warrior lode Sur. No. 1074A as above determined, I use the record as in Sur. No. 3468, N. 7°-22'-30"W. 174.30^{feet}, thence N. 28°-12'-30"W. 369.77 feet, for the locus of Cor. No. 3, and adopt for the course of line 3-2 S. 28°-12'-30"E. and for the course of line 3-5, N. 83°-05'-00"E. both courses as of record in Sur. No. 3468.

Sur. No. 1154 Red Line Lode

I adopt the record of line 1-4 of this survey to be identical with line 2-3 Warrior lode Sur. No. 1074A, the position being as above determined.

Sur. No. 1151, 1888 lode

I adopt the record of Cor. No. 2 being identical with Cor. No. 3 Warrior lode Sur. No. 1074A. From the locus of Cor. No. 2 as above determined, I adopted the record course of line 2-3, N. 85°-57'-15"E. 102.33^{ft.} as reported in Sur. No. 3468, also course and distance of line 3-4, S. 26°-33'-35"E. 902.89^{ft.} feet, as of record in Sur. No. 3468.

Sur. No. 1417 Mineral Point lode

I adopt the record of line 1-5 as identical with line 2-3 Sur. No. 1151, and further, that Cor. No. 5 is identical with Cor. No. 3 Warrior lode Sur. No. 1074A and Cor. No. 1 Red Line lode Sur. No. 1154; accept the locus of the last ^{named} corner as above determined. From the locus of Cor. No. 5 as above determined, I adopted the record as in Sur. No. 3468, for the courses and distances of lines 5-1, and 1-2. From the locus of Cor. No. 5, I accepted the record of the company's triangulation system; for line 5-4 N. 18°-40'-40"W. 1256.36 feet; for line 4-3 S. 88°-03'-36"E. 304.84 feet; for line 3-2 S. 9°-21'-40"E. 670.33 feet; and line 2-1 S. 10°-03'-40"E. 519.50 feet, as also of record in Sur. No. 3468.

Sur. No. 1152. Jerome Lode.

I adopt the record of Cor. No. 3 of this survey to be identical with Cor. No. 2 Sur. No. 1417, and accepted and adopted the locus of said corner as determined from the company's triangulation system, identical with record of survey No. 3468. I accepted the locus of Cor. No. 3 Sur. No. 592 as being S. 83°-05'-00"W. 164.95 feet from this corner as determined from the company's triangulation system. From the locus of Cor. No. 3 of this survey, I accepted the record of the company's triangulation system; for line 3-4, N. 31°-18'-53"W. 1368.83 feet; line 2-3 S. 83°-05'-00"W., identical with line 3-5 Sur. No. 592 which passes through Cor. No. 3 of this survey.

Sur. No. 1349, Victor lode

I adopted the record of line 1-4 to be identical with and a continuation of line 1-4 Warrior lode Sur. No. 1074A. From the locus of Cor. No. 1 Warrior lode Sur. No. 1074A as above determined, I accepted the record of the company's triangulation system N. 87°-12'-00"W. 18.61 ft. for the position of Cor. No. 4 and S. 87°-12'-00"E. 560.04 feet for the position of Cor. No. 1 and N. 31°-18'-53"W as the course of line 1-2, from Cor. No. 1 as above determined.

Cor. No. 4 of this lode and survey is a substantial conical frustrum concrete monument as heretofore described, being Cor. No.4 Victory lode.

Survey No. 2443 Contention lode

From the locus of Cor. No. 1 Warrior lode Sur. No. 1074A, I accepted the record of the company's triangulation system S.71°-44'W. 15.80 feet for the position of Cor. No. 1 Contention lode ~~of this survey~~, and N.31°-23'-12"W for the course of line 1-2 from Cor.No.1 as thus determined.

Survey No. 1418 ~~Railroad~~ lode

I adopted the record of Cor. No.2 of this survey to be identical with Cor. No.1 Warrior lode Sur. No. 1074A. From the locus of Cor. No.2 as determined above, I accepted the record of the company's triangulation system; for line 2-1 S.17°-52'-55"E. 1443.51 feet; for line 2-3 S.71°-44'-~~55~~"W.

REPORT.

The discrepancies found existing between the claim as marked by the location monuments and as described in the location notices are due to errors in the location notices.

Owing to the distance from the nearest Notary Public and the expense and delay which would be involved, for my assistant to appear before one, I took the acknowledgment of my assistant in my capacity as a Mineral Surveyor.

All of the detail as shown on the plat of this survey is within the open pit excavation and waste fill area. Enormous excavations have been made since Survey No. 3468 was executed, all corners of which survey have been destroyed. Cor. Nos. 1 and 2 Sur.No.1074A, Cor. No.4 Sur. No. 1349 are the only remaining corners of surveys adjoining and adjacent to lines of this survey.

William Coasa
 U.S. Mineral Surveyor G.L.O.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GENERAL LAND OFFICE

FINAL OATHS FOR SURVEYS

LIST OF NAMES

A list of the names of the individuals employed by J. William Waara

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 VICTORY lode

and showing the respective capacities in which they acted.

Mark Mills, Chainman.

_____, Chainman.

_____, Axman.

_____, Flagman.

FINAL OATHS OF ASSISTANTS

~~xxxx~~ I, Mark Mills,

~~and~~ _____, do solemnly swear that ~~we~~ ^I assisted J. William

Waara, United States Mineral Surveyor, in marking the corners and surveying

the boundaries of the mining claim of Phelps Dodge Corporation

known as the VICTORY 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 instructions furnished by the Office Cadastral Engineer, at Phoenix Arizona.

Mark C. Mills, Chainman.

_____, Chainman.

_____, Axman.

_____, Flagman.

Subscribed and sworn to by the above-named persons before me this 23rd

day of September, 19 39

J. William Waara
Mineral Surveyor, G.L.O.

DEPARTMENT OF THE INTERIOR
GENERAL LAND OFFICE

FINAL OATH OF U. S. MINERAL SURVEYOR

I, J. William Waara, ~~xxxx~~ Mineral Surveyor,
do solemnly swear that, in pursuance of instructions received from the Office Cadastral
Engineer, at Phoenix Arizona., dated July 21, 1939,
I have, in strict conformity to the laws of the United States, the official regulations
and instructions 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
VICTORY lode,
situate in Verde Mining District,
Yavapai County, Arizona, in Section
22 unsurveyed, Township No. 16 N., Range No. 2 E.
and designated as Survey No. 4223, 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 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 im-
provements 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 in-
cluded in the estimate of expenditures upon any other claim.

J. William Waara
(~~xxxx~~ Mineral Surveyor)

Subscribed and sworn to by the said J. William Waara

U. S. Mineral Surveyor, before me Augusta P. Wykoff
this 25th

day of July, 1941

My Commission Expires April 3, 1945
~~My commission expires.~~

Augusta P. Wykoff
Notary Public

OFFICE CADASTRAL ENGINEER'S FINAL CERTIFICATE ON FIELD NOTES

United States
Department of the Interior
GENERAL LAND OFFICE
PUBLIC SURVEY OFFICE

Phoenix, Arizona

April 28, 19 42

I, 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 VICTORY lode

situate in Verde

Mining District Yavapai County Arizona

in Section 22 Unsur., Township No. 16 N., Range No. 2 E., and

designated as Survey No. 4223, 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.

I further certify that Five Hundred Dollars worth of labor has been expended or improvements
made upon, or for the benefit of, each location embraced in said mining claim by claimant
or its grantors,

and that said improvements consist of 1 out and tunnel, value \$600, and
open pit excavation of approximately 3146 cubic yards, value
\$3146.

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 District Land Office at Phoenix,
Arizona is correct and in conformity with the foregoing Field Notes.

SHERMAN C. FISKE

Office Cadastral Engineer.

CERTIFICATE OF APPROVAL OF FIELD NOTES AND SURVEY OF
MINING CLAIM

UNITED STATES
DEPARTMENT OF THE INTERIOR
GENERAL LAND OFFICE
PUBLIC SURVEY OFFICE

At Phoenix, Arizona,

April 28, 1942

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

VICTORY Lode

situate in Verde mining district,

Yavapai County, Arizona

in Section 22 unsurveyed, Township No. 16 N., Range No. 2 E.

_____, designated as Survey No. 4223

executed by J. William Waara, Mineral

Surveyor, Sept. 16 - Oct. 10, 1939, under my instructions dated

July 21, 1939, 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.

Shuman C. Fiske
Office Cadastral Engineer.

SUPPLEMENTAL FIELD NOTES,

MINERAL SURVEY NO. 4223,

VICTORY lode.

TRACT D.

Beginning at a point on line 1-2 Victory lode, Mineral Survey No. 4223, 147.67 ft. from Cor. No. 1, said point being identical with Cor. No. 1 Mineral Point lode, Mineral Survey No. 1417.

Thence S. $85^{\circ} 57' 15''$ W. 5.28 feet along line 1-2 said Victory lode, to an intersection with a theoretical line connecting Cor. No. 3 of the Wade Hampton lode, Sur. No. 592, and Cor. No. 4 of the 1888 lode, Sur. No. 1151,

Thence along said theoretical line, N. $26^{\circ} 52' 10''$ W. 169.04 feet to an intersection with line 3-4 of the Eclipse lode, Sur. No. 3468,

Thence along said line 3-4 Eclipse lode, N. $7^{\circ} 22' 30''$ E. 15.36 feet to an intersection with line 2-3 of the Wade Hampton lode, Sur. No. 592,

Thence along said line 3-2 Wade Hampton lode, S. $28^{\circ} 12' 30''$ E. 159.03 feet to an intersection with line 2-1 Mineral Point lode, Sur. No. 1417,

Thence along said line 2-1 Mineral Point lode, S. $10^{\circ} 03' 40''$ E. 25.89 feet to the place of beginning,

Containing .042 acres.

 UNITED STATES
 DEPARTMENT OF THE INTERIOR
 GENERAL LAND OFFICE
 PUBLIC SURVEY OFFICE
 Phoenix, Arizona,
 October 8, 1945.

I hereby certify that the above correctly describes a certain tract embraced within the lines of the Victory lode, Mineral Survey No. 4223, as determined from the record of such survey.

And I further certify that the plats of Mineral Survey No. 4223 have been amended, in distinctive colored ink, to properly show the boundaries of such tract.

E. A. Thompson
 Office Cadastral Engineer