

4-683

MINERAL SURVEY No. 3647

LOT No. ....

Arizona Land District.

FIELD NOTES

OF THE SURVEY OF THE MINING CLAIM OF

The United Verde Copper Company

KNOWN AS THE

Jessie Lode

Verde Mining District,  
Yavapai County, Arizona

Section 22 Unsur. Township 16 N., Range 2 E. S. 13 & 14 M.  
and within the Prescott National Forest.  
Surveyed under instructions dated Dec 11, 1919.

by Joseph M. Carthy  
U. S. Mineral Surveyor.

Claim located See location notice attached 19

Survey commenced May 10, 1920

Survey completed April 19, 1921

Address of claimant's Atty. Le Roy Anderson, Prescott, Arizona  
Attorney for claimant.

DATES OF AMENDED LOCATIONS.



Mineral Survey No. 3647

Jessie Lode.

Beginning at Cor. No. 1.

A concrete monument 24 in. long, 12 in. diam at base and 6 to 8 in. diam. at top, set 1 ft. in the ground. The core is a 2 in. iron pipe topped by a cap containing a brass disk stamped J. 1. 3647. The + for exact corner point coming on the concrete, whence

Alongside is a 4x5 in. post 4 ft. long in mound of stones.

A cross on a 2.4x2.8x2.8 ft. diorite rock in place marked B+R J-1-3647 bears S63°52'W 11.19 ft.

The 1/4 sec. Cor between Secs 22 & 23 T. 16 N.

R. 2 E. 94 R. B & M bears N61°15'25" E 3422.80 ft.

Cor III Quaker Lode Sur. No 280 bears S6°45'W 315.97 ft.

Feet

Whence S7°22'30" W

301.99

South End Center identical with Cor I Silver Giant Lode Sur. No. 1284. a concrete monument similar to Cor. No. 1. It stamped the disk + S.E.C.J. 3647.

From Cor I Silver Giant Lode, Cor II of same lode bears N9°36' W 781.75 ft. and Cor I of the No 12 Lode also of Sur. No 1284 bears S85°47'15" W 323.65 ft.

302.11

Intersect line III-IV Sur No 280 Quaker Lode at S6°36'30" E 1377.48 ft. from Cor II and S6°36'30" E 0.72 ft from the intersection of this line with line I II Silver Giant Lode Sur No 1284 said intersection being at N9°36' W 0.60 ft from Cor I Silver Giant Lode.

600.22

To Cor. No. 2.

A concrete monument similar to Cor. No. 1 the brass disk being stamped + J. 2. 3647, whence



# Mineral Survey No 3647 Continued

- a cross on limestone in place marked  
 B+R J-2 3647 bears  $N 83^{\circ} 23' E$  77.12 ft.  
 Thence  $N 7^{\circ} 32' E$
- 292.64 Intersect line Cor I Silver Giant - Cor I No 12 Lode  
 both of same survey No 1284 at  $S 85^{\circ} 47' 15" E$   
 76.86 ft. from Cor I Silver Giant and  $S 85^{\circ} 47' 15" E$   
 76.83 ft from the intersection of this line with  
 line III II Eureka Lode Sur. No. 250, said  
 point of intersection being  $S 6^{\circ} 36' 30" E$  1377.36 ft.  
 from Cor II Eureka
- 867<sup>00</sup> Cross under power wires running northerly.
- 1072.69 Intersect line II III Silver Giant Lode Sur.  
 No. 1284. identical with line VI I 1888 Lode  
 Sur. No 1151 at  $S 86^{\circ} 18' 20" E$  48.66 ft from  
Cor II and VI respectively.
- 1080<sup>00</sup> Cross gulch running northerly.
- 1375.85 To Cor. No. 3.  
 Identical with Cor II Eclipse Lode Sur No  
 3468. A concrete monument similar to Cor  
No 1. I stamped the disk + J 3 3647 for  
Cor 3 of this survey, whence  
Cor VI 1888 Lode Sur No 1151 bears  $S 16^{\circ} 32' 15" E$   
 310.24 ft and Cor I of the same lode bears  $N 6^{\circ} 14' 15" E$   
 283.85 ft.  
 A cross on a 2.0 x 1.6 x 1.4 ft exposed diorite  
 rock marked B+R J-3-3647 bears  
 $N 23^{\circ} 20' E$  8.91 ft.  
 The mouth of Tunnel No 2 bears  $S 18^{\circ} 10' E$   
 289.01 ft.  
 Thence  $N 7^{\circ} 22' 30" E$
- 225<sup>00</sup> South side of wash
- 259.46 Intersect line V VI 1888 Lode Sur No 1151  
 at  $N 5^{\circ} 39' 45" E$  557.44 ft from Cor No VI
- 285<sup>00</sup> North side of wash
- 299.83 North End Center identical with S.C.C. Eclipse  
 Lode Sur No 3468.  
 A concrete monument. I marked the disk  
 + S.C.C. J. 3647



Municipal Survey No 3647 Continued

- 304.31 Intersect line II III Grade Hampton Lode  
Sue No 592 at  $N 28^{\circ} 12' 30'' E$  4.66 ft from  
Cor II
- 330.20 Cross southeast side of United Verde Copper Co's  
No 4 shaft.
- 335.50 Cross northeast end of No 4 shaft.
- 600.15 To Cor. No. 4.

A concrete monument similar to Cor. No. 1.  
I stamped the brass disk + J. 4. 3647 for  
Cor 4 of this survey, whence

Cor II Gueka Lode Sue No 280 bears  
 $S 30^{\circ} 16' 50'' E$  295.68 ft.

Cor II Grade Hampton Lode Sue No 592  
bears  $S 6^{\circ} 51' 30'' E$  299.64 ft.

Hence  $S 70^{\circ} 32' E$

177.50 Cross under power wires running southwesterly to shaft.

264.00 Cross railroad spur tracks

281.00 Cross railroad spur tracks

290.99 Intersect line II II Grade Hampton Lode  
Sue No 592 at  $N 83^{\circ} 02' 30'' E$  74.48 ft from Cor II also  
Intersect line II I Gueka Lode Sue No 280 at

$N 83^{\circ} 02' 30'' E$  55.48 ft from Cor No II

328.00 Cross gulch running northeasterly

378.00 Cross concrete dam.

384.00 Cross under power wires running northely

446.00 Cross under power wires running northeasterly

551.00 Towers for power wires

1375.78 To Cor No 1, the place of beginning.

Variation from  $14^{\circ} 30'$  to  $16^{\circ} 00' E$

Lode Line

As near as can be determined from  
present developments the vein extends as  
follows from the discovery point.

$S 70^{\circ} 31' E$  772.00 ft and  $N 70^{\circ} 31' E$  605.40 ft.



# Mineal Survey No 3647 Continued.

| Area  | Acres   |
|---|---------|
| Total area Jessie lode  | 4.877 ✓ |
| Area in conflict with -   |         |
| Sur. No 280 Eureka lode   | 1.345 ✗ |
| Sur. No 592 Wade Hampton lode   | 0.258 ✓ |
| Sur. No 1151 - 1888 lode  | 0.543 ✓ |
| Sur No 1284 - Silver Giant lode   | 1.121 ✓ |
| Sur No 1284 Silver Giant lode (exclusive of its conflict with Sur No 280 Eureka lode) | 1.121 ✗ |
| Sur No 1284 No 12 lode  | 0.258 ✗ |
| Sur No 1284 No 12 lode (exclusive of its conflict with Sur No 280 Eureka lode)        | 0.258 ✗ |

The survey of this lode is identical with the location monuments as staked upon the ground.

## Location

This survey is located in Sec. 22, <sup>UNSUR,</sup> T. 16 N. R. 2 E. G. & S. R. B. & M. and within the Prescott National Forest.

## Expenditure of Five Hundred Dollars.

I certify that the value of the labor and improvements made upon the ground by the claimant is not less than five hundred dollars and that said improvements consist of:-

- No. 1: The discovery cut of the Jessie lode the discovery point being on the lode line 772 ft from the South End Center 4 ft wide running S 74° 26' E 7 ft to a 10 ft face and from said discovery point N 74° 26' W 7.5 ft to mouth.

Value of cut \$70.00



Mineral Survey No 3647 Continued.

Tr. 2.

A tunnel, the mouth of which bears from Cor. No. 3  $S 18^{\circ} 10' E$  289.01 ft  
3.5 x 6 ft running  $S 25^{\circ} 33' E$  50 ft  
Value \$500.00

Instrument

This survey was made with a A. Berger & Sons Mining Transit. The courses were deflected from the true meridian as determined by direct solar observations and checked against the triangulation system in this district.

The distances were measured with 100 ft. and 660 ft steel tapes.

Adjoining Claims

This claim is adjoined on the north by the Wade Hampton lode Sur No 592 and Eclipse lode Survey No. 3468 United Verde Copper Co claimant.

On the east by the Sureka lode Sur No 280 United Verde Copper Co claimant.

On the south by the No 12 lode Sur. No. 1284. Hull Copper Co claimant

On the west by the Silver Grant lode Sur No 1284 and 1888 lode Sur. No 1151 Hull Copper Co claimant.

Report.

The lines of this claim were run upon the ground by a traverse and the conflicts tied in from the several traverse points.



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Mineral Survey No 3647 Continued.

The  $\frac{1}{4}$  sec. Cor. between sec's. 22 & 23 T. 16 N. R. 2 E. G & S P 3 & M is a 1 in iron pipe capped by a brass top stamped 22  $\frac{1}{4}$  23 and is buried in Diaz St. in Jerome.

Sur. No. 592 Hade Hampton Lode Cor's VI and III are concrete monuments similar to Cor No 1 of this survey. Cor I is not in place nor is Cor II and its position was determined from private records of the company and Sur No 3468 Eclipse lode.

I find the bearing of line II III to be  $N 28^{\circ} 12' 30'' E$  instead of  $N 26^{\circ} 30' E$  as reported

I find the bearing of line II VI to be  $N 83^{\circ} 02' 30'' E$  instead of  $N 83^{\circ} 30' E$  as reported

Sur. No 280 Greika Lode

Cor III is a concrete monument and replaces the stone corner properly marked.

Cor's I & IV are not in place their position is given as being on line VI II Hade Hampton lode Sur. No 592. at the call distances from Cor's II and VI respectively.

I make line III IV  $N 6^{\circ} 36' 30'' E$  1391.74 ft. instead of  $N 6^{\circ} 30' E$  1500 ft as reported

I make line IV I  $N 83^{\circ} 02' 30'' E$  instead of  $N 83^{\circ} 30' E$

Sur No 1284 No 12 Lode

Cor's I & II are concrete monuments as is also Cor I Silver Giant lode, same survey which is reported as being on line I-IV of the No 12 lode.

I find line Cor Silver Giant to Cor. I No 12 lode to be  $S 85^{\circ} 47' 15'' E$  323.65 ft instead of  $S 86^{\circ} 02' E$  330.00 ft as reported.



# Mineral Survey No 3647 Continued

Sur. No 1284 Silver Giant Lode

Cors I and III are concrete monuments properly marked. Cor II is not in place, its position being determined from the cross on a reef marked B+R 1888 No 6-1151 and reported as bearing  $S 57^{\circ} E$ . 70 ft. from Cor. II Silver Giant lode. This same bearing rock + was used originally in tying in Cor II of Sur No 1151 - 1888 lode, the corners being identical. I make line I II

$N 9^{\circ} 36' E$  781.75 ft. instead of  $N 6^{\circ} 30' E$  795.00 ft.  
I make line II III  $S 86^{\circ} 18' 20" E$  490.78 ft instead of  $S 86^{\circ} 02' E$  510.00 ft.

Sur No 1151 - 1888 Lode

Cor I is identical with Cor III Silver Giant lode Sur No 1284 previously described and Cor II is identical with Cor II of Silver Giant lode.

Cor I is not in place its position being determined from the center of the 1888 shaft which bears  $N 4^{\circ} 27' E$  315.23 ft from Cor II of the Eclipse lode Sur. No. 3468.

Cor II is reported as bearing  $S 46^{\circ} 45' E$  50.00 ft from said shaft and Cor I is reported as bearing  $N 83^{\circ} 30' E$  19.00 ft from Cor II

I make line I II  $S 5^{\circ} 39' 45" E$  582.42 ft. instead of  $S 6^{\circ} 30' E$  600.00 ft as reported.

Line II I is identical with line II III Silver Giant lode Sur. No. 1284. and the same errors are found.

Survey No. 3468. Eclipse Lode

Corners I & II are of concrete and properly marked. I agree with bearing and distance of line, within the limits.



# FINAL OATHS FOR SURVEYS.

## LIST OF NAMES.

A list of the names of the individuals employed by Joseph McFarthy  
 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  
The United Verde Copper Company  
 known as the Jessie Lode  
 and showing the respective capacities in which they acted.

John A. Quigley, Chainman.  
E. J. Jurey, Chainman.  
 \_\_\_\_\_, Axman.  
 \_\_\_\_\_, Flagman.

## FINAL OATHS OF ASSISTANTS.

We, Mr. A. Quigley  
 and E. J. Jurey, do solemnly swear that we assisted Joseph  
McFarthy, United States Mineral Surveyor, in marking the corners and surveying  
 the boundaries of the mining claim of  
The United Verde Copper Company  
 known as the Jessie 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 instruc-  
 tions furnished by the United States Surveyor-General for Arizona

Mr. A. Quigley, Chainman.  
E. J. Jurey, Chainman.  
 \_\_\_\_\_, Axman.  
 \_\_\_\_\_, Flagman.

Subscribed and sworn to by the above-named persons before me this 19th  
 day of April, 1921.

Robt K Porter



# FINAL OATH OF U. S. MINERAL SURVEYOR.

I, Joseph Mc Carthy, U. S. Mineral Surveyor,  
do solemnly swear that, in pursuance of instructions received from the United States  
Surveyor General for Arizona, dated  
Dec 11, 1919, I have, in strict conformity to the laws of the  
United States, the official regulations and instructions thereunder, and the instructions  
of said Surveyor General, faithfully and correctly executed the survey of the Mining  
Claim of The United Verde Copper Company  
, known as the  
Jessie Lode  
situate in Verde Mining District,  
Yavapai County, Arizona, in Section 22 <sup>col. 500</sup>, Township No. 16 N, Range No. 2 E GRABM and within the Prescott V.  
and designated as Survey No. 3647, 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.

Joseph Mc Carthy  
U. S. Mineral Surveyor.

Subscribed and sworn to by the said Joseph Mc Carthy  
U. S. Mineral Surveyor, before me Robert K. Porter, a Notary Public  
in and for Yavapai County, Arizona this 7th  
day of May, 19 21.

Robert K. Porter

Notary Public.



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

Department of the Interior,

OFFICE OF U. S. SURVEYOR-GENERAL,

Phoenix, Arizona,

July 15, 19 21

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

UNITED VERDE COPPER COMPANY

known as the JESSIE LODGE,

situate in VERDE

Mining District, YAVAPAI County, ARIZONA,

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

designated as Survey No. 3647, 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 cut and 1 tunnel, total value \$570.

and that no portion of said labor or improvements has been included in the estimate of expenditures upon any other claim.

I further certify that the plat thereof, filed in the U. S. Land Office at Phoenix, Arizona, is correct and in conformity with the foregoing Field Notes.

Frank P. Trott,

United States Surveyor-General for Arizona.



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SURVEYOR GENERAL'S CERTIFICATE OF APPROVAL OF FIELD NOTES  
AND SURVEY OF MINING CLAIM

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

Phoenix, Arizona.

July 15, 1921.

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

UNITED VERDE COPPER COMPANY

, known as the

JESSIE LODGE,

situate in VERDE mining district,

YAVAPAI County, ARIZONA,

in Section 22 Unsur., Township No. 16 N., Range No. 2 E., C. SRB&M,  
and within the Prescott National Forest  
designated as Survey No. 3647

executed by Joseph McCarthy, U. S. Mineral

Surveyor, May 10, 1920 - April 19, 1921, 191 , under my instructions dated

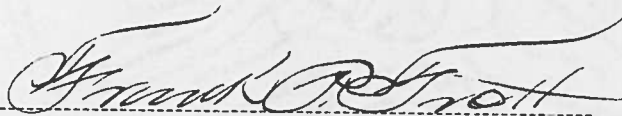
Dec. 11, 1919, have been critically examined and the necessary cor-

rections and explanations made, and the said Field Notes and Return, and the Survey they describe,

are hereby approved. The certified copy of the location certificate filed by the applicant for survey is

on file in this office and a true copy of said certified copy of said location certificate is included and made

a part of the transcript of the field notes.



U. S. Surveyor General for Arizona.