

Plotted

4-683

MINERAL SURVEY No. 3469

Arizona Land District.

FIELD NOTES

OF THE SURVEY OF THE MINING CLAIM OF

The United Verde Copper Company

KNOWN AS THE

Leonor Fraction Lode
Verde

Mining District,

Yavapai County, Arizona

Sections 15, 16, 21, 22 & unsw. Township 16 N, Range 2 E. G. & R. B. & M.

Surveyed under instructions dated May 15, 1918.

by Joseph McCarthy
U. S. Mineral Surveyor.

Claim located See location notice, 19

Survey commenced May 24, 1918

Survey completed May 25, 1918.

Address of claimant Anderson & Ellis Attys.
Prescott, Ariz.

DATES OF AMENDED LOCATIONS.

X

Leonor Traction Lode

Beginning at Cov. No. 1.

Identical with Cov. No. 4 Jerome lode. Sur. No. 1152 and Cov. No. 4 Lime Cap lode Sur. No. 1363 and on line 1-2 Victor lode Sur. No. 1349 at S 31° 24' 40" E. 967.65 ft. from Cov. No. 2.

A concrete monument 24 in. long 12 in. base and 6 to 8 in. top with a core of 2 in. iron pipe 18 in. long surmounted by a cap containing a brass disk stamped + L.C. No. 4, 1363 - J. No. 4, 1152 and L. T. No. 1, 3469, whence

Alongside placed a 4x5 in. post 4 1/2 ft long, in a mound of stones.

A cross on a rock in place marked L. T. ^(B+R) - 1 3469 bears S 30° 06' E 59.08 ft.

The Sec. Cov. common to Secs 14, 15, 22 & 23 T. 16 N. R. 2 E. G. & S. R. B. & M. bears N 50° 25' E 4510.81 ft.

Whence N 59° 58' E.

Feet:

175.00

248.04

561.70

Cross creek running northerly.

South end center, a mound of stone 3 ft. diam. at base & 4 ft. high.

To Cov. No. 2.

On line 3-4 Victor lode Sur. No. 1349 and on line 1-2 Contention lode Sur. No. 2443, ~~distances hereafter given.~~

A concrete monument similar to Cov. No. 1 of this claim. The brass disk is stamped + L. T. No. 2. 3469, whence

A cross on a rock in place marked L. T. ^(B+R) - 2 3469 bears S 14° 52' E 9.76 ft.

Whence N 31° 25' 30" E. Cross creek running southeasterly.

To Cov. No. 2 Contention lode Sur. No. 2443

To Cov. No. 3 Victor lode Sur. No. 1349. whence Cov. No. 2 said lode bears S 87° 01' 20" E 580.97 ft., also

Intersect line 1-2 Divide lode Sur. No. 2443 at S 26° 03' E 77.35 ft. from Cov. No. 2.

To Cov. No. 3

A concrete monument similar to Cov. No. 1 of this claim. The brass disk is stamped + L. T. No. 3, 3469 whence

A cross on a rock in place marked L. T. ^(B+R) - 3 3469 bears N 64° 37' E 24.36 ft.

Survey No 3469 Continued

Whence S 89° 58' E

68.90 Intersect line 1-2 Divide lode luv. No. 2443 at S 26° 03' E 7.64 ft. from Cov. No. 2.

69.09 Cov. No. 4 Late Acquisition lode luv. No. 2812

313.66 North end center, a mound of stone 3 ft. diam. at base, 84 ft. high
593.23 To Cov. No. 4

At the intersection of line 4-1 Late Acquisition lode luv. No. 2812 and line 3-4 Limerock lode luv. No. 1363.

A concrete monument similar to Cov. No. 1 of this claim. The brass disk is stamped + L. F. No. 4, 3469 whence.

A cross on a rock in place marked B + R L. F. - 4 3469 bears S 41° 16' E 7.96 ft.

Whence S 29° 58' E

845 Cross creek running easterly

870 Cross creek running northeasterly

1059.98 To Cov. No. 1, the place of beginning

Variation at all corners 15° E.

Lode Line

As near as can be determined from present developments the vein on this claim extends N 31° 25' 30" E 48.93 ft. and S 31° 25' 30" E 1027.36 ft. from the discovery point.

Area	Acres
Total area, Jeanor Fraction lode	12.170
Area in conflict with -	
Sur. No. 1349 Victor lode	10.841
Sur. No. 2443 Divide lode	0.050

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

Location.

This survey is located in Sec's 15, 16, 21 & 22 T16N, R. 2E, T. 16N, R. 2E, G. & S. R. B. & M. and within the Prescott National Forest.

Expenditure of Five Hundred Dollars.

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

No. 1. The discovery shaft, on the lode line 48.93 ft. from a point on line 3-4 313.66 ft from Cov. No. 3 7x6 ft and 44 ft deep.

Value \$430.00

Survey No. 3469 Continued.

No. 2. A cut the mouth of which bears from Cor No. 4. S54°33' W 112.85 ft. running N. 35° E 32 ft to a 4 x 8 ft. face. Value \$160.00

Instrument

This survey was made with a T L Berger & Sons mining transit. The courses were deflected from the true meridian as determined by direct solar observations. The distances were measured with 100 ft. and 600 ft. steel tapes

Adjoining Claims

- This claim is adjoined on the north by the Late Acquisition lode Sur. No. 2812 United Verde Co. claimant.
- On the east by the, Lomi Cap lode Sur. No. 1363 Hull Copper Co. claimant.
- On the south by the Jerome lode Sur. No. 1152 Hull Copper Co. claimant
- Victor lode Sur. No. 1349 United Verde Copper Co. claimant.
- On the west by the Contention lode Sur. No. 2443 Jerome Victor Ex Co. Co. claimant.
- Divide lode Sur No. 2443 Jerome Victor Ex Co. Co. claimant.

Report.

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

The Sec. Cor. common to Sec's 14-15-22-23 T16 N R2 E G & S R B & M is a 2 in. iron pipe 8 in. above ground, on which is a brass cap stamped + T16 N. R. 2 E. S15 S14 S22 S23 and 1913.

Sur. No 2812 Late Acquisition lode: Cor's 1 & 4 are concrete monuments similar to Cor. No. 1 Lomi ^{Trac.} ~~Trac.~~ ^{lode} this survey and properly marked.

I find bearing of line 4-1 S89°58'E agreeing within 0°02' with the bearing due East as approved.

Sur No 1363 Lomi Cap lode: Cor's 3 and 4 are concrete monuments similar to Cor. No. 1 Lomi ^{Trac.} ~~Trac.~~ ^{lode} this survey and properly marked.

I find line 3-2 to be S29°58'E instead of S30°05'E as reported.

Survey No 3469 Continued.

Surv. No 1349 Victor Code.

Cors 1-2-3-4 are concrete monuments similar to Cor. No. 2 of Jeanor ^{Location} ~~Code~~ this survey and properly marked.

I find course of line 1-2 to be $N 31^{\circ} 24' 40'' E$ instead of $N 31^{\circ} 35' E$ as reported.

I find line 2-3 to be $N 87^{\circ} 01' 20'' E$ 580.97 ft instead of $N 87^{\circ} E$ 580 ft as reported.

I find bearing of line 3-4 to be $S 31^{\circ} 25' 30'' E$ instead of $S 31^{\circ} 35' E$ as reported.

Surv No 2443 Contentions Code.

Corners 1 & 2 are 4x4 in. posts 5 ft. long in mounds of stone. The markings are practically obliterated, and the position of the posts are no longer reliable as they wobble about in the stone mounds.

The field notes of the Contentions show line 1-2 to have the same bearing as line 3-4 of Surv No 1349 Victor Code which was reported as being $N 31^{\circ} 35' E$. I find the bearing of this line to be $N 31^{\circ} 25' 30'' E$ and figured the position of Cor. No. 2 Contentions to be on that line at the call distance 5.7 ft. from Cor. No. 3 of the Victor and $S 31^{\circ} 25' 30'' E$ therefrom.

Surv. No. 2443 Divide Code

Cor 2 is a 4x4 in post 5 ft long on a mound of stone. The markings are practically obliterated.

Cor 3 of the Victor Surv No 1349 is identified as being on line 1-2 of the Divide in the field notes of that survey at $S 25^{\circ} 55' E$ 78.26 ft from Cor. 2 of Divide. I find it to be $S 26^{\circ} 03' E$ 77.35 ft. from Cor 2.

FINAL OATHS FOR SURVEYS.

LIST OF NAMES.

A list of the names of the individuals employed by Joseph McCarthy
 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 Leanor Lode
 and showing the respective capacities in which they acted.

J. Edwin Wallace, Chainman.
 _____, Chainman.
 _____, Axman.
 _____, Flagman.

FINAL OATHS OF ASSISTANTS.

I
 We, J. Edwin Wallace
 and _____, do solemnly swear that ^I~~we~~ assisted Joseph
McCarthy, 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 Leanor 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

J. Edwin Wallace, Chainman.
 _____, Chainman.
 _____, Axman.
 _____, Flagman.

Subscribed and sworn to by the above-named persons before me this Tenth
 day of August, 19 18

C. S. Gardner

Yavapai County, Arizona

FINAL OATH OF U. S. MINERAL SURVEYOR.

I, Joseph McCarthy, U. S. Mineral Surveyor,
do solemnly swear that, in pursuance of instructions received from the United States
Surveyor General for Arizona, dated
....., 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
Leano Traction Road
situate in Verde Mining District,
Yavapai County, Arizona, in Sections
15, 16, 21, 22, Township No. 16 N., Range No. 2 E
and designated as Survey No. 3469, 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 McCarthy
U. S. Mineral Surveyor.

Subscribed and sworn to by the said Joseph McCarthy
U. S. Mineral Surveyor, before me A Notary Public in and for Yavapai
County, Arizona this 26th
day of February, 19 19

ESP Gardner

NOTARY PUBLIC

AMENDED
NOTICE OF MINING LOCATION
LODE CLAIM

TO ALL WHOM IT MAY CONCERN:

This Mining Claim the name of which is the Leonor Fraction, 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 purposes of exploration and purchase by United Verde Copper Co. A corporation existing under the laws of the State of Delaware, the undersigned, on the 7 day of May, 1918.

The length of this claim is Fifteen Hundred feet, and We claim One Hundred feet in a Northwesterly direction and Fourteen Hundred feet in a Southeasterly direction from the center of the discovery shaft, at which this notice is posted, lengthwise of the claim, together with Three Hundred 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 Northwest to the Southeast

The claim is situated and located in the Verde Mining District, in Yavapai County in the State of Arizona, about 3/4 mile in a Northwesterly direction from U. V. Co. Cos. No. 3 shaft

The surface boundaries of the claim are marked upon the ground as follows: Beginning at A Monument at a point in a Northwesterly direction One Hundred feet from the discovery shaft (at which this notice is posted), being in the center of the North end line of said claim; thence Three Hundred feet to a Monument, being the Northeast corner of said claim; thence Fifteen Hundred feet to a Monument, being at the Southeast corner of said claim; thence Three Hundred feet to a monument at the center of the south end of said claim; thence Three Hundred feet to a monument being at the Southwest corner of said claim; thence Fifteen Hundred feet to a monument at the Northwest corner of said claim; thence Three Hundred feet to the place of beginning.

All done under the provisions of Chapter Six, of Title XXXII, of the Revised Statutes of the United States, and of an Act of the General Assembly of Arizona, entitled "An Act to Revise and Codify the Laws of the Territory of Arizona," approved March 16, 1901.

This is an Amended Location Notice of the Leonor Fraction Mining Claim, located by W. L. Clark, on the 15th day of April, 1915, and recorded in Book 97 of Records of Mines, at page 442, in the office of the County Recorder of the aforesaid County of Yavapai 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 Location Notice

" " "

Dated and posted on the ground this 7th day of May, 1918.

United Verde Copper Company
by C. V. Hopkins
Chief Engineer
as Agent

Filed and Recorded at request of Anderson & Ellis, May 13th A. D., 1918, at 11:00 o'clock A. M., Book 99 of Mines, Page 423, Records of Yavapai County, Arizona.

(SEAL) E. A. McSWIGGIN, County Recorder

By Lula McIntosh
Deputy Recorder

STATE OF ARIZONA,)
 : SS
 COUNTY OF YAVAPAI.)

I, E. A. McSWIGGIN, County Recorder
 in and for the County of Yavapai, State of Arizona, and
 custodian of the records of such office, DO HEREBY
 CERTIFY that I have compared the foregoing copy with,
 and that the same is a full, true and correct copy of
 the AMENDED Location Notice of the LEANOR FRACTION
 Lode Mining Claim, filed for record on May 13th., 1918,
 and as the same appears of record in my office in Book
 99 of Mines, at Page 423, and of the whole thereof.

IN WITNESS WHEREOF, I have hereunto
 set my hand and affixed my Official
 Seal at my Office in the City of
 Prescott, State of Arizona, this
 13th., day of May, 1918.



E. A. McSwiggin
 COUNTY RECORDER OF YAVAPAI COUNTY,
 ARIZONA

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

Department of the Interior,

OFFICE OF U. S. SURVEYOR-GENERAL,

Phoenix, Arizona,

September 26, 1919.

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

The United Verde Copper Company

known as the LEANOR FRACTION Lode

situate in Verde

Mining District, Yavapai County, Arizona

in Sections 15, 16, 21, 22, Unsur., Township No. 16 N., Range No. 2 E., and

designated as Survey No. 3469, has been correctly copied from the originals on file in

this office; that said Field Notes furnish such an accurate description of said mining claim as will, if incorporated into a patent, serve fully to identify the premises, and that such reference is made therein to natural objects or permanent monuments as will perpetuate and fix the locus thereof.

And I further certify that five hundred dollars' worth of labor has been expended or improvements made upon said mining claim by claimant or its grantors, and that said improvements consist of 1 shaft and 1 cut, total value \$590.00

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.

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 26, 1919

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

The United Verde Copper Company

, known as the

LEANOR FRACTION Lode

situate in Verde mining district,

Yavapai County, Arizona

in Section s 15, 16, 21, 22, Township No. 16 N, Range No. 2 E.

, designated as Survey No. 3469

executed by Joseph McCarthy, United States Mineral

Surveyor, May 24 - 25, 1918, under my instructions dated

May 15, 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. A true copy of the copy of the location certificate filed by the applicant for

survey is included in the field notes.

[Handwritten signature]

U. S. Surveyor-General for Arizona.