

MINERAL SURVEY No. 3472

Arizona Land District.

FIELD NOTES

OF THE SURVEY OF THE MINING CLAIM OF

The United Verde Copper Company

KNOWN AS THE

Rex Fraction Lode

Verde

Mining District,

Yavapai

County,

Arizona

Section 21 & 22 (unsw) Township 16 N., Range 2 E. T13R13W

Surveyed under instructions dated Feb 11, 1915.

by Joseph McCarthy  
U. S. Mineral Surveyor.

Claim located See location notice, 19

Survey commenced Mar 21, 1915

Survey completed Mar 23, 1915

Address of claimant Anderson & Ellis Atty.  
Prescott, Arizona.

DATES OF AMENDED LOCATIONS.

Mineral Survey No 3472.  
Rex Traction Lode.

Beginning at Cov. No. 1.

On line 3-4 Railroad lode Sur. No 1418 at S 25° 55' E 552.50 ft. from Cov. No. 3.

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 cover is a 2 in. diam iron pipe 18 in. long, topped by a cap containing a brass disk stamped + R. F. No. 1, 3472 whence

Alongside placed a 4x5 in. post 4 1/2 ft. long in mound of stones. The sec. Cov. common to Sec's 14-15-22-23 T. 16. N.

R. 2 E. G. & S. R. B. & M. bears N 69° 48' E 5385.71 ft.

A cross on a rock in place marked B + R R. F. 1 3472 bears S 90° 48' E 13.59 ft.

Thence S 64° 05' E

348.00 U. & P. R.R. running westerly to Jerome.

579.53 Intersect line 1-2 Spring lode Sur. No 1147 at S 36° 05' 10" E 249.11 ft. from Cov. No. 2. From Cov. No. 2 Spring, Cov. No. 3 of said lode bears N 53° 08' E 589.62 ft.

also, Intersect line 4-1 Monster lode Sur. No. 3240 at S 36° 05' 10" E 265.01 ft. from Cov. No. 4. To Cov. No. 2.

626.32 A concrete monument similar to Cov No 1 of this survey. The brass disk is stamped + R. F. No. 2 3472 whence

A cross on a rock in place marked B + R R. F. - 2 3472, bears S 79° 38' E 29.22 ft. Thence N 25° 55' E

200.00 Cross creek running easterly  
222.00 Railroad spur track.

259.25 Intersect line 1-2 Stonewall lode Sur. No. 2443 at S 54° 26' E 53.11 ft. from Cov. No. 2.

260.85 Cov. No. 4. Monster lode Sur No 3240

300.00 Southwest end center. A mound of stones 4 ft. diam. at base 4 ft. high, To Cov. No. 3.

552.62 A concrete monument similar to Cov. No. 1 of this survey. The brass disk is stamped + R. F. No. 3. 3472, whence

A cross on a rock in place marked B + R R. F. - 3 bears N 67° 01' E 20.72 ft.

## Survey No 3472 Continued

- Thence  $N 64^{\circ} 05' E$
- 16.73 Intersect line 2-3 Stonewall lode sur. No 2443 identical with line 1-4 Fairwell lode same survey at  $N 33^{\circ} 03' 40'' E$  286.46 ft from Cor No 2 Stonewall identical with Cor. No 1 Fairwell
- 590.00 Cross U. V. & P. R.R. running southeasterly
- 620.05 Intersect line 2-3 Fairwell lode sur No 2443 at  $N 32^{\circ} 48' E$  178.54 ft from Cor. No 2.
- 621.97 Intersect line 4-1 Contention lode sur No 2443 at  $N 71^{\circ} 43' E$  1.98 ft from Cor. No 4.
- 626.46 To Cor. No. 4.  
Identical with Cor. No. 3. Railroad lode sur No 1418. A concrete monument similar to Cor. No. 1 of this survey. The brass disk being stamped + R.R. No. 3. 1418 and R.F. No. 4, 3472, whence  
A cross on a rock in place marked B+R R.F. - 4 3472 bears  $S 29^{\circ} 09' E$  8.14 ft.  
A cross on a rock in place marked B+R C No 4 2443 bears  $S 73^{\circ} 35' E$  14.16 ft.  
Center of No. 2. Shaft bears  $S 19^{\circ} 52' E$  195.76 ft.  
Thence  $S 25^{\circ} 55' E$
- 0.60 Intersect line 4-1 Contention lode sur. No 2443 at  $N 71^{\circ} 43' E$  6.50 ft. from Cor. No. 4.
- 53.12 Intersect line 2-3 Fairwell lode sur No 2443 at  $N 32^{\circ} 48' E$  125.03 ft from Cor No. 2.
- 179.97 Intersect line 1-2 Fairwell lode sur No 2443 at  $N 53^{\circ} 47' 30'' E$  583.46 ft from Cor. No 1
- 252.50 Northeast end center. A mound of stones 3 ft. diam at base and 3 ft high.
- 442.11 Intersect line 3-4 Spring lode sur No 1147 at  $S 36^{\circ} 10' E$  250.85 ft from Cor No 3
- 470.00 Cross creek running northeasterly
- 552.50 To Cor. No. 1, the place of beginning.

Variation at all corners  $14^{\circ} 45' E$ .

## Lode line.

As near as can be determined from present developments, the lode line extends  $S 64^{\circ} 05' E$  600 ft. and  $N 64^{\circ} 05' E$  26.32 ft. from the discovery point.

# Survey No. 3472 Continued

Area	Acres.
Total area Rex Fracture lode	7.946 ✓
Area in conflict with—	
Sur. No. 1147 Spring lode	4.119 ✓
Sur. No. 2443 Stonewall lode	0.231 ✓
Sur. No. 2443 Fairwell lode	3.171 ✓
Sur. No. 2443 Contention lode	0.000+ ✓
Sur. No. 3240 Monaster lode	0.140 ✓
Sur. No. 3240 Monaster lode (exclusive of its conflict with Sur. No. 2443 Stonewall lode)	0.140 ✓

This survey of this location is identical with the monuments of the amended location as staked upon the ground.

### Location

This survey is located in Sec's 21 + 22 T16S. R. 2 E. G. & S. R. D. & 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, the face of which, being the discovery point is on the lode line 26.32 ft. from a point on line 1-4 300 ft from Cor. No. 1. 7 ft face running thence  $S 23^{\circ} E$  17 ft, thence  $S 47^{\circ} E$  16 ft. with an average width of 5 ft.

Value \$165.00

No. 2.

A shaft which bears  $S 19^{\circ} 52' E$  195.76 ft. from Cor. No. 4 4x6 ft., 43 ft deep.

Value \$430.00

### Instrument.

This survey was made with a C. Berger Sons mining transit. The courses were deflected from the true meridian as determined by direct solar observation. The distances were measured with 100 ft. and 500 ft. steel tapes.

### Adjoining Claims

This claim is adjoined on the north by the  
 Stonewall lode Sur. No. 2443 Jerome Victor Ex. Copper Co. claimant.  
 Fairwell lode Sur. No. 2443 Jerome Victor Ex. Copper Co. claimant.  
 Contention lode Sur. No. 2443 Jerome Victor Ex. Copper Co. claimant.

## Survey No. 3472.

On the east by the: -

Railroad lode Sur. No. 1418 Hull Copper Co. claimant.

On the south by the: -

Spring lode Sur. No. 1147 Hull Copper Co. claimant.

On the west by the

Monster lode Sur. No. 3240 United Lode Ex. claimant.

## Report.

The lines of this survey were run upon the ground by a closed traverse and the conflicting claims tied in from the several traverse points.

The section common to Secs 14-15-22-23 T16 N. R2E. G. & S. P. 187 M is a 2 in. iron pipe 8 in. above ground with a brass cap stamped + T16 N R2E S15 S14 S22 S23-1913

Sur. No. 1418 Railroad lode:

Cor. 4 is a concrete monument replacing the original stone corner properly marked.

I find the bearing of line 3-4 to be S25°55'E instead of S25°36'E as reported.

Sur. No. 1147 Spring lode: -

Cors 1 & 4 are concrete monuments replacing the original stone corners, the markings of which were practically obliterated by weathering.

Cor No 2 was not found, but point on line 4-1

Monster lode Sur. No. 3240 at call distance 15.9 ft from Cor. No. 4 was taken for point.

Cor. No. 3 is a cross on a sandstone reef marked + S No. 3/1141

I find line 1-2 to be N 36°05'10" E instead of N 36°15' E as reported.

I find line 2-3 to be N 53°08'E 589.62 ft. instead of N 53°45'E 600 ft.

I find line 3-4 to be S 36°10'E instead of S 36°15'E as reported.

Sur. No. 3240 Monster lode

Cor. No. 1 is a limestone rock 10x8x8 in. exposed properly marked.

Cor. No. 4 is a limestone rock 7x18x18 in. exposed and properly marked.

I find the bearing of line 4-1 to be S 36°05'10"E instead of S 36°01'E as reported.

Sur. No. 2443 Stonewall lode.

Cors 1-2-3 are 4x4 in. posts 5 ft. long. Markings almost undecipherable.

I used the B+R's in determining line 1-2 as the posts are not well set.

I find line 1-2 to be N 54°02'6"E instead of N 54°30'E as reported.

I find line 2-3 to be N 33°03'40"E instead of N 32°48'E as reported.

Sur. No. 2443 Fairwell lode

Cors 1-2-4 are 4x4 in. posts 5 ft. long markings almost undecipherable.

I used the B+R's in determining Cor. 1 and determined the position

of Cor. No. 2 from Cor. No. 4 of the Contention also of Sur. No. 2443.

As the posts are not well set I used the call S 32°48'E 178.8 ft.

I find line 1-2 to be N 53°47'30"E 598.69 ft. instead of N 54°30'E 600 ft. as reported.

I find line 4-1 to be S 33°03'40"E instead of S 32°48'E as reported.

# 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 Rex Traction lode  
 and showing the respective capacities in which they acted.

J. Edwin Wallace, Chairman.  
 \_\_\_\_\_, Chairman.  
 \_\_\_\_\_, Axman.  
 \_\_\_\_\_, Flagman.

## FINAL OATHS OF ASSISTANTS.

<sup>I</sup>  
 We, J. Edwin Wallace  
 and \_\_\_\_\_, do solemnly swear that <sup>I</sup> 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 Rex Traction 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, Chairman.  
 \_\_\_\_\_, Chairman.  
 \_\_\_\_\_, 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 Feb 11, 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 The United Verde Copper Company,

known as the Rex Fracture lode, situate in Verde Mining District,

Yavapai County, Arizona, in Sections 21 & 22, Township No. 16 N, Range No. 2 E,

and designated as Survey No. 3472, 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 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 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, 1919

C. S. Gardner

NOTARY PUBLIC

Additional  
and  
AMENDED  
Notice of Mining Location  
LODE CLAIM

Jan. 10, 1918

TO ALL WHOM IT MAY CONCERN:

This Mining Claim, the name of which is the "Rex 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 the United Verde Copper Company, a corporation existing under the laws of the State of Delaware the undersigned, on the 29th day of January, 1918

The length of this claim is 700 feet, and we claim 600 feet in a westerly direction and 100 feet in a easterly 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 Verde Mining District, in Yavapai County in the State of Arizona, about one and one-half miles in a northwesterly direction from the Town of Jerome.

The surface boundaries of the claim are marked upon the ground as follows: Beginning at a monument at a point in a easterly direction 100 feet from the discovery shaft (at which this notice is posted), being in the center of the east end line of said claim; thence northerly 300 feet to a monument, being the northeast corner of said claim; thence westerly 700 feet to a monument, being at the northwest corner of said claim; thence southerly 300 feet to a monument at the center of the west end of said claim; thence southerly 300 feet to a monument being at the southwest corner of said claim; thence easterly 700 feet to a monument at the southeast corner of said claim; thence northerly 300 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 Rex Fraction Mining Claim, located by Will L. Clark on the 15th day of April, 1915, and recorded in Book 97 of Records of Mines, at page 443, 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 29th day of January, 1918.

Witness, J. Edwin Wallace

United Verde Copper Company  
By C. V. Hopkins  
Chief Engineer, As Agent



Filed and recorded at request of ANDERSON & ELLIS

FEBRUARY 8th., A. D. 1918, at 11:15 o'clock

A. M., Book 99 OF MINES pages 404

Records of Yavapai County, Arizona.

(SEAL)

E. A. McSWIGGIN,  
County Recorder.

By Lula McIntosh  
Deputy Recorder.

STATE OF ARIZONA, }  
COUNTY OF YAVAPAI, } ss

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 Additional and Amended Notice of Mining Location of the "REX FRACTION" Lode Mining Claim

filed for record on February 8th., 1918 and as the same appears of record in my office in Book 99 of MINES at pages 404 and of the whole thereof.



IN WITNESS WHEREOF, I have hereunto set my hand and affixed my Official Seal this 8th day of February, A. D. 1918



E. A. McSwiggin  
County Recorder.

By \_\_\_\_\_  
Deputy Recorder.

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

Department of the Interior,

OFFICE OF U. S. SURVEYOR-GENERAL,

Phoenix, Arizona,

October 18, 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 REX FRACTION lode

situate in Verde

Mining District, Yavapai County, Arizona

in Section s 21&22, Un<sup>sur</sup> Township No. 16 N., Range No. 2 E., and

designated as Survey No. 3472, 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 shaft, total value \$595.

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.

10A

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,

October 18, 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

REX FRACTION lode

situate in Verde mining district,

Yavapai County, Arizona

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

, designated as Survey No. 3472

executed by Joseph McCarthy, U. S. Mineral

Surveyor, March 21 - 23, 1918, under my instructions dated

February 11, 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.

[Handwritten signature]

U. S. Surveyor General for Arizona.