

MINERAL SURVEY No. 3435

Arizona Land District.

FIELD NOTES

OF THE SURVEY OF THE MINING CLAIM OF

United Verde Extension Mining Company

KNOWN AS THE

TUNNEL FRACTION LODE

Verde Mining District,

Yavapai County, Arizona

Section 24, Township 16 N., Range 2 E. G&SRB&M.

Surveyed under instructions dated September 12th. 1917.

by Harry E. Jones,
U. S. Mineral Surveyor.

Claim located See location notice, 19

Survey commenced November 5th., 1917.

Survey completed November 5th., 1917.

Address of claimant Richard Lamson, Atty.
Prescott, Arizona.

DATES OF AMENDED LOCATIONS.

See location notice

MINERAL SURVEY NO. 3435

Feet

TUNNEL FRACTION LODE

Beginning at Cor. No. 1

Identical with location monument.

A 3½ ft. 1 in. iron pipe, stamped TF-1-3435; set 12 ins. in ground and surrounded with concrete base 12x14x14 ins. with a substantial mound of stone alongside.

The section corner common to Sections 13-14-23-24, T. 16 N. R. 2 E. G&SRB&M. bears N. 48° 56' W. 1609.50 ft.

No other bearings available.

Thence S. 28° 35' E.

28.68 To West End Center.

Identical with location monument, a substantial mound of stone.

46.66 Intersect line 2-3 Custer lode, Sur.No.3197; whence Cor.3 thereof bears N. 67° 33' E. 30.36 ft.

46.68 To Cor. No. 2

Identical with location monument.

On line 4-5 Twilight Fraction lode Sur.No. 3315; whence Cor.4 bears N. 8° 11' E. 50.42 ft.

A 3½ ft. 1 in. iron pipe, stamped TF-2-3435; set 12 ins. in ground and surrounded with concrete base 12x14x14 ins. with a substantial mound of stone alongside.

No bearings available.

Thence N. 67° 30' E.

30.36 To Cor. No. 3

Identical with location monument, and Cor.3 Custer lode, Sur.No.3197; On line 2-3 No.6.lode Sur.No.3350

Replaced stone with a 3½ ft. 1 in. iron pipe, stamped TF-3-3435 and C-3-3197; set 12 ins. in ground and surrounded with concrete base 12x14x14 ins. with a substantial mound of stone alongside. No bearings available.

Thence N. 28° 35' W.

Along line 2-3 No.6 lode Sur.No. 3350.

18.00 To East End Center.

Identical with location monument, a substantial mound of stone.

Feet
28.76 Intersect Cor.3 No.6 lode, and Cor.5 No.8 lode, both of Sur. No. 3350.

Along line 5-4 No. 8 lode, Sur.No. 3350.

43.61 To Cor. No. 4

Identical with location monument. and Cor.4 Twilight Fraction lode, Sur.No.3315.

Replaced stone with a 3½ ft. 1 in. iron pipe, stamped TF-4-3435 and TF-4-3315; set 12 ins. in ground, and surrounded with concrete base 12x14x14 ins. with a substantial mound of stone alongside.

Cor.3 Leo lode Sur.No.3315, bears N. 73° 11' E. 186.30 ft. No other bearings available.

Thence S. 73° 11' W.

30.83 To Cor. No. 1 the place of beginning.

Magnetic variation at all corners 14°45' E.

LODE LINE

As near as can be determined from the present development the vein of the location embraced in this claim extends as follows from the discovery point.

S. 67° 30' W. 25.0 ft. and N. 67° 30' E. 5.36 ft.

AREA

Total area Tunnel Fraction lode 0.031 Ac.

Area in conflict with ----

Twilight Fraction lode Sur.No.3315; 0.016

Custer lode Sur.No.3197; 0.000+

LOCATION

This survey is located in the NW¼ of Section 24, T. 16 N. R. 2 E. G&SRB&M. In the Verde Mining District. In the Prescott National Forest. Yavapai County, Arizona.

EXPENDITURE OF FIVE HUNDRED DOLLARS

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

No.1 Dis. Shaft 4x6x10 ft.deep, bears from the West End Center, N. 67° 30' E. 25.0 ft.

Value \$ 100.00

1/89th

An undivided interest in improvement No.1 TWO lode, Sur. No. 3436 hereinafter described.

Value \$ 4707.86

COMMON IMPROVEMENT

Improvement No.1 TWO lode, Sur.No.3436 is the portal end of a tunnel now in the course of construction, the terminal point of which will be the AUDREY shaft on the Iron Carbonate lode, Sur.No.1212 property of the claimant.

This improvement beginning at the lowest possible point for a tunnel site, is being driven to develop the lodes of the several groups owned by the claimant.

The portal of this tunnel is accessible by railroad and permits of more economical mining operations in the development of the several groups through which it passes.

It will give a maximum depth of about 1600 feet in the development of the higher lodes of the claimant and proportionately less depth as one approaches the portal. In its entire length of approximately 12700 feet it will develop a district geologically for a great distance on either side, thus enabling further lateral development, in view of the fact that it is a cross-cut tunnel and traverses an area to the East of the great North and South Fault of the Verde Mining District. It will develop the area geologically owing to the fact that surface conditions do not permit of a close study of the geological structures, and by so doing from the depth of this tunnel it will accordingly be a very great asset in mining operations.

This tunnel will be used as a haulage tunnel for the ores developed along its route and also is of considerable importance for drainage purposes, it having been proven that parts of the area traversed by this tunnel cannot be economically developed by shafts due to the enormous flow of water encountered.

Taking into consideration, geological conditions, haulage and drainage advantages, I consider this improvement a common improvement and of such character as to redound to the benefit of the following groups and lodes therein mentioned to wit:

Mineral Survey No. 3436

Denny, Mocking Bird, Reverse, Jimmy, One, Three, Four, Five, Six, Seven, Eight, Nine, Eleven, Twenty Seven, Thirty, Thirty One, Thirty One Extension, Thirty Two, Thirty Three, Thirty Four, Rose, Meadow Wash, Mary Ann, Indian Camp, Coal Digger, Margarite, Moon Fraction, Lime Kiln, Two, Ten, Twenty Eight, Twenty Nine, and Jerry lodes.

Mineral Survey No. 3350

No.1, No.4, No.5, No.6, and No.8 lodes.

Mineral Survey No. 3315

Sunset, Omego, Santa Anna, Virgo, Hummer, Leo, Antelope, Diamond, Spur, and Twilight Fraction lodes.

Mineral Survey No. 3435

Tunnel Fraction lode.

Mineral Survey No. 3431

June lode.

Mineral Survey No. 3197

Texas, Custer, Utah, Vermont, Idaho, Ohio, Hampshire, Maine Fraction, Oregon, and Arkansas lodes.

Mineral Survey No. 3305

Hancock, Houghton, Calumet, Laurium, Quincy, and Franklin lodes.

Mineral Survey No. 3200

Bouquet No.1, Bouquet No.2, Bouquet No.3, Bouquet No.5 and Bouquet No.6 lodes.

- Mineral Survey No. 3201
Contention lode.
- Mineral Survey No. 3202
Morgan lode.
- Mineral Survey No. 3203
Nellie Blye lode.
- Mineral Survey No. 1374
Lone Star lode.
- Mineral Survey No. 2251
Mountain View lode.
- Mineral Survey No. 3433
Taper Fraction lode.
- Mineral Survey No. 3432
Star lode.
- Mineral Survey No. 1395
16 to 1 lode.
- Mineral Survey No. 1076 A
Florescia lode.
- Mineral Survey No. 3358
Midget lode.
- Mineral Survey No. 3357
Elk lode.
- Mineral Survey No. 3359
Wedge lode.
- Mineral Survey No. 1212
March, Bitter Creek, Iron Carbonate, Conglomerate lodes.
- Mineral Survey No. 1445
Little Daisy lode.

Unsurveyed

Neglected Fraction lode.
All of said property being contiguous and owned by the United Verde Extension Mining Company, claimant of this survey.

The accompanying supplemental plat showing the location of this tunnel through the aforesaid lodes, and the amount of tunnel completed on June 30th. 1918.

Portal West 4993 feet.

Texas Shaft East 470

Texas Shaft West 572

Audrey Shaft East 2345

Making a total length of 8380 feet having a cross-section of 10 x 10 feet.

Value \$ 419,000.00

An equal undivided 1/89th. interest in the above improvement.

Value \$ 4707.86

NO OTHER IMPROVEMENTS

INSTRUMENT

This survey was made with a light mountain W. & L. E. Gurley transit. The courses were deflected from a triangulation system the courses of which were determined from a true meridian as determined by an observation on Polaris at Eastern Elongation October 5th. to 8th. inclusive 1917. The distances were measured with 50 and 600 ft. steel tapes.

REPORT

The lines of this claim were run directly upon the ground and the corners established by direct measurements upon these lines. All tie lines were run directly upon the ground. The Public land corner^{to} which I had occasion to tie this survey to was a bronze capped pipe properly set and marked. (Insert *)

Harry E. Jones
U. S. Mineral Surveyor.

* ADJOINING CLAIMS.

This survey is adjoined ~~on the North by the Ice lode, Sur. No. 3315,~~ on the East by the No. 8 and No. 6 lodes, Sur. No. 3350, on the South by the Custer lode, Sur. No. 3197, on the West by the Twilight Fraction lode, Sur. No. 3315.

FINAL OATHS FOR SURVEYS.

LIST OF NAMES.

A list of the names of the individuals employed by Harry E. Jones,
 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 _____
United Verde Extension Mining Co.
 known as the TUNNEL FRACTION LODE
 and showing the respective capacities in which they acted.

- _____ Chas. Troy _____, *Chainman.*
- _____ Lee Bailey _____, *Chainman.*
- _____ _____, *Acman.*
- _____ _____, *Flagman.*

FINAL OATHS OF ASSISTANTS.

We, Chas. Troy
 and Lee Bailey, do solemnly swear that we assisted _____
Harry E. Jones, United States Mineral Surveyor, in marking the corners and surveying
 the boundaries of the mining claim of _____
United Verde Extension Mining Co.
 known as the TUNNEL FRACTION 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.

- Chas. Troy, *Chainman.*
- Lee Bailey, *Chainman.*
- _____, *Acman.*
- _____, *Flagman.*

Subscribed and sworn to by the above-named persons before me this _____
 day of November, 1917.

[Handwritten Signature]

 Notary Public.

My commission expires the 7 day of May 1918.

FINAL OATH OF U. S. MINERAL SURVEYOR.

I, Harry E. Jones, U. S. Mineral Surveyor, do solemnly swear that, in pursuance of instructions received from the United States Surveyor General for Arizona, dated September 13th. 1917., 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 United Verde Extension Mining Company, known as the TUNNEL FRACTION LODE, situate in VERDE Mining District, Yavapai County, Arizona, in Section 34, Township No. 16 N., Range No. 2 E. G. & S.R.B. & M., and designated as Survey No. 3435, 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.

Harry E. Jones
U. S. Mineral Surveyor.

Subscribed and sworn to by the said Harry E. Jones,
U. S. Mineral Surveyor, before me _____
_____ this 6th
day of November, 1917.

[Signature]
Notary Public.

My commission expires the 7 day of May 1918.

Notice of Mining Location

LODE CLAIM

AUG 27 1917

TO ALL WHOM IT MAY CONCERN:

This Mining Claim, the name of which is the Tunnel 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 Extension Mining Company? A Corporation Organized Under The Laws Of The State Of Delaware

(Locator must insert either "a citizen of the United States," or "who has declared his intention to become a citizen of the United States.")

the undersigned, on the 10th day of May, 1917

The length of this claim is 50 feet,
and we claim 25 feet,
in a westerly direction and 25

.....
feet in a easterly direction from
the center of the discovery shaft, at which this notice is posted, lengthwise of the claim, together with
50 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
easterly to the westerly

.....
The claim is situated and located in the Verde Mining District,
in Yavapai County, in the State of Arizona, about 2 miles
in a easterly direction from Town of Jerome, being that
fractional area lying between the Custer Leo. Twilight
Fraction No. 6 and No. 8 lodes

The surface boundaries of the claim are marked upon the ground as follows: Beginning at
a monument of stone

.....
at a point in a westerly direction 25 feet from
the discovery shaft (at which this notice is posted), being in the center of the westerly
end line of said claim; thence northerly 25 feet to a mon of stone
....., being the northwest corner of said claim;
thence easterly 50 feet to a mon of stone, being at the
northeast corner of said claim; thence southerly 25 feet
to a mon. of stone at the center of the easterly end of said claim;
thence southerly 25 feet to a mon. of stone, being at the
southeast corner of said claim; thence westerly 50
feet to a mon. of stone at the Southwest corner of
said claim; thence northerly 25 feet to the place of the 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.~~

Dated and posted on the ground^s this 30 day of May, 1917

United Verde Extension
Mining Co
L. A. Kehr Agt

STATE OF ARIZONA

County of _____

ss.

I, _____, County Recorder in and for the County and State aforesaid, do hereby certify that the within instrument was filed for record at _____ o'clock _____ M. on this _____ day of _____, 191____, and duly recorded in Book No. _____ of _____ Records of _____ County, Arizona, at pages _____

Witness my hand and official seal the day and year first above written.

County Recorder.

Notice of Location

LODE CLAIM

Dated _____, 191____

Filed and Recorded at request of

Richard Jamson

JULY 13 _____, A. D. 1917

at _____ 9 o'clock _____ A _____ M.

Book 107 of Mines

Pages 607 RECORDS OF YAVAPAI COUNTY, ARIZONA

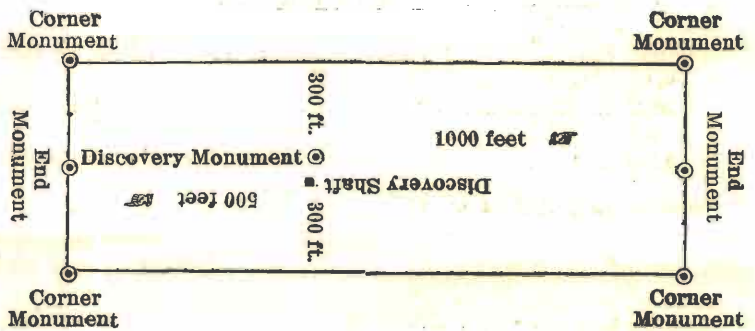
Edith Rufner

(SEAL) County Recorder

By Anna Henry

Deputy Recorder

Printed by Prescott Courier



This diagram is to give locator a general idea of plan of location under the new law. The Discovery Shaft can be in the center of claim or any distance from either end desired. In the diagram it is placed 500 feet from one end and 1000 feet from the other. Commence description of claim at a center end monument, giving its distance and direction from center of Discovery Shaft; thence bound the claim in either direction. In description be careful to state locality of claim with reference to some natural object, or permanent monument, as will identify the claim.

STATE OF ARIZONA)
 : SS
COUNTY OF YAVAPAI)

I, EDITH RUFFNER, County Recorder in and for the aforesaid County of Yavapai and 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 true , full and correct Copy of the Original Location Notice of the TUNNEL FRACTION Lode Mining Claim, as the same appears of record in Book 107 of Mines, at Page 607, of the records of my said office.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my Official Seal, this 21st day of August, 1917.

Edith Ruffner
COUNTY RECORDER
OF
YAVAPAI COUNTY
ARIZONA



By Lillie Butler
Deputy Recorder

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

Department of the Interior,

OFFICE OF U. S. SURVEYOR-GENERAL,

Phoenix, Arizona.

FEB 19 1920, 191

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 EXTENSION MINING CO.,

known as the TUNNEL FRACTION LODE,

situate in VERDE

Mining District, YAVAPAI County, ARIZONA,

in Section 24, Township No. 16 N, Range No. 2 E., G&SRB&M, and

designated as Survey No. 3435, 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 a shaft and an undivided 1-89th interest in improvement No. 1, Sur. No. 3436, TWO lode, Value \$4807.86.

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,

FEB 19 1920

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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 EXTENSION MINING CO.,

, known as the

TUNNEL FRACTION LODE,

situate in VERDE mining district,

YAVAPAI County, ARIZONA,

in Section 24, Township No. 16 N., Range No. 2 E., G. & S.

R. B. & M., designated as Survey No. 3435

executed by Harry E. Jones, United States Mineral

Surveyor, November 5th, 1917, under my instructions dated

September 12th, 1917, 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.



U. S. Surveyor-General for Arizona.