

AUG 9-1909 1

SEP 11. 1909

4-683.

MINERAL SURVEY No. 2662

LOT No. _____

Arizona Land District.

FIELD NOTES

OF THE SURVEY OF THE MINING CLAIM OF

Cardinal Mining Co

KNOWN AS THE

Express

Big Bug

Mining District,

Yavapai

County,

Arizona

Section _____, Township _____, Range _____

on the Prescott National Forest

Surveyed under instructions dated May 18th, 1909

by William H. Merritt

U. S. Mineral Surveyor.

Claim located October 2nd, 1903

Survey commenced Aug 3, 1909

Survey completed Aug 4th, 1909

6-522

Address of Claimant
Norris & Ross Atty
Prescott Arizona

SURVEY No.2662 EXPRESS LODE

(1)

Feet	<p>Beginning at Cor.No.1</p> <p>Identical with Cor.No.2 Fitzhugh Lee lode sur.No.1784</p> <p>A granite bluff chiseled X-2-F-L-1784.with mound of stones.</p> <p>I chiseled it 1-E-2662, on the side facing this claim.</p> <p>Whence:- U.S.M.M.No.2 brs.S 8°32'E 1040.7 feet.</p> <p>No bearings available.Loc.cor mon.of stones 2 X 3 ft.high.</p> <p style="text-align: center;">Thence S 85°13'W</p>
300	<p>S C.End Identical with the location a monument of stones</p> <p style="text-align: center;">2 X 2 ft.</p>
325	<p>Cr.Blue Rock Gulch 20 ft.wide course S 8°E.</p>
445	<p>Cr. Blue Rock Gulch 20 ft.wide course. N 52°E.</p>
490.3	<p>Cor.No.2 sur.No.408 Plata Bonito lode X-No.2 -P chiseled</p> <p>on granite rock in place 2 X 3 X 4 ft above the ground</p> <p>with mound of stones.</p>
508	<p>Cr.Blue Rock Gulchs,20 ft.wide course S 57°E</p>
600	<p>To Cor.No.2.</p> <p>Identical with the loc.</p> <p>A granite stone 6 X 6 X 24 ins.set 12 ins.in the ground</p> <p>with mound of stones,chiseled 2-E-2662,Whence:-</p> <p style="text-align: center;">E</p> <p>An Oak tree 6 ins.diam.scribed X-B-T-2-2662 brs.S 75°30'E</p> <p style="text-align: center;">^</p> <p>13.9 feet.</p> <p>An Oak tree 8 ins.diam.scribed X-B-T-2-E-2662.brs.</p> <p style="text-align: center;">S 25°30'E 32.8 feet.Loc.cor.mon.of stones 2X3 ft.</p> <p style="text-align: center;">Thence N 6°34'E</p>
81.24	<p style="text-align: center;"><i>Fitzhugh Lee lode</i></p> <p>Intersect line 2-3-Sur.No.1784 at N 87°01'W 589.41 ft.</p>
85.66	<p>from cor.No.2 and 6.72 from intersection of line 2-3 Fitzhugh Lee lode</p> <p style="text-align: center;"><i>with line 2-3 Plata Bonito lode sur No. 408</i></p> <p>Intersect line 2-3-Sur.No.408 Plata Bonito lode at</p>
165	<p>N 52°39'W 125.19 ft. from cor.No.2 and 7.81 ft from intersection of line</p> <p style="text-align: center;"><i>2-3 Plata Bonito with line 2-3 Fitzhugh Lee lode sur No. 1784</i></p> <p>Cr.Blue Rock Gulchs 20.ft.wide course S 36°E</p>
750.	<p><i>to point</i></p> <p>Whence W.C.Side location a monument of stones 2 X 2 ft.</p> <p style="text-align: center;">S. 83°W</p> <p>bars. 83°W 18 feet.</p>
1500	<p>To Cor.No.3.</p>

(2)

Survey No.2662 Express lode.

Identical with the location.

A granite stone 4 X10 X 24 ins.set 12 ins.in the ground with mound of stones ,chiseled 3-E-2662.

No bearings available.Loc.cor.mon.of stones 2 X 2 ft.

Thence N 85°13'E

300. N.C.E. whence :-location a monument 3 X 3 ft.brs. N 6°34'E 6 feet.

600 To Cor.No.4.

Identical with the loc.

A granite stone 4 X 12 X 24 ins.set 12 ins in the ground with mound of stones ,chiseled 4-E-2662.

No bearings available.Loc.cor.mon.of stones 3 X 3 ft.

Thence S 6°34'W

750 ^{To Point} Whence E S.C.location a monument of stones 2 X 2 ft. brs. 83°E 25 ft.

1500 To Cor.No.1 the place of beginning.

Variation at all corners 14°E

Total area of EXPRESS lode20.257 acres.

Area in conflict with.

Sur.No.408 Plata Bonito lode:.....0.106 acres.

" " 1784 Fitzhugh Lee..... 0.548 "

^{Common}
^{Conflict} " " " and Sur.No.408

Plata Bonito lodes:..... 0.105 "

The ledge brs from the discovery point N 6°34'E 1456' ft. and S 6°34'W 44 ft.

This claim is bounded on the North by the Great unsurveyed Western lode claimant unknown. On the east and west by U.S.Land and on the south by sur.No.1784 Fitzhugh Lee and sur No.408 Plata Bonito

This claim is situated approximately in T.12 N R.1.W on unsurveyed land, Big Bug Mining District .Prescott, National Forest ,Yavapai Co.Arizona

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

No. 1 discovery tunnel which is on the lode line distance 44 ft. from S.C. end. course N. 62° 30' E 5 X 7 X 100 ft.

value \$1000.00

This survey was made with a Gurley solar transit, the courses were deflected from the true meridian as determined by direct solar observations, The distances were measured 100-ft. and 500-ft. steel tapes.

Note:

I have been unable to find cor. N: 3 of Golden Rule lode sur N: 1604

William H. Merritt
U.S. Mineral Surveyor.

William H. Merritt

FINAL OATHS FOR SURVEYS.

LIST OF NAMES.

A list of the names of the individuals employed by William A Merritt
 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 _____
Cardinal Mining Co
 known as the Express
 and showing the respective capacities in which they acted.

_____, Chairman.
Richard Merritt, Chairman.
 _____, Axman.
 _____, Flagman.

FINAL OATHS OF ASSISTANTS.

We, I Richard Merritt
 and _____, do solemnly swear that I assisted William
A Merritt, United States Mineral Surveyor, in marking the corners and surveying
 the boundaries of the mining claim of Cardinal Mining Co.
 known as the Express
 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~~^{my} 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

_____, Chairman.
Richard Merritt, Chairman.
 _____, Axman.
 _____, Flagman

Subscribed and sworn to by the above-named persons before me this 7th
 day of August, 1909

My Comm Expres
June 28-1913

W A Merritt
Notary Public

FINAL OATH OF U. S. MINERAL SURVEYOR.

I, William H Merritt, U. S. Mineral Surveyor,
do solemnly swear that, in pursuance of instructions received from the United States
Surveyor General for Arizona, dated
May 18th 1909, 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 Cardinal Mining Co
, known as the
Express
situate in Big Bug Mining District,
Yavapai County, Arizona, in Section
on the Prescott National Forest
Township No. _____ Range No. _____
and designated as Survey No. 2662, 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.

William H Merritt
U. S. Mineral Surveyor.

Subscribed and sworn to by the said William H Merritt
U. S. Mineral Surveyor, before me a Notary Public in and for
Yavapai County, Arizona this Sixth
day of August, 1909.

Ziba O Brown
Notary Public

My Commission
6-1044
Expires Nov. 1 - 1909.

Affidavit of Five Hundred Dollars Improvements.

We, E. Anderson and Mark Bradley

of lawful age, being first duly sworn according to law, depose and say: That we are

acquainted with the Express mining claim,

situate in Big Bug Mining district, Yavapai County,

Arizona Territory, for which Cardinal Mining Co

has made application for survey prior to application for patent under the provisions of the act of Congress, approved May 10, 1872; and that the labor done and improvements made thereon by the applicant and its grantor exceed Five Hundred Dollars in value, and further that we are not personally interested in said mine.

E. Anderson

Mark Bradley

TERRITORY OF ARIZONA, }
County of Yavapai } ss:

Sworn to and subscribed before me, this 7th

day of August, 1909



W. J. Merritt
Notary Public

27669b1m2-07 My Comm. Expires
June 28 - 1913

"Express" (Amended)

Amended Notice of Mining Location
Lode Claim.

To all whom it may Concern:

This mining claim, the name of which is the Express Mining Claim, situate on lands ~~belonging~~ of the United States of America, and in which there are valuable mineral deposits, was entered upon, located and amended for the purpose of exploration and purchase by M.D.C.Putman, a citizen of the United States, the undersigned, on the 2nd day of October 1903.

The length of this claim is 1500 feet and I claim 500 feet in a northerly direction and 1000 feet in a southerly 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 north to the south.

The claim is situated and located in the Big Bug Mining District, in Yavapai County, Arizona Territory, about 2000 feet in a westerly direction from the Boland Tunnel ~~claim~~, and adjoins the Light Weight on the north, and the Fitzhugh Lee claim on the South, and was formerly abandoned and forfeited ground and property and was located by me as such. The name or names under which the ground was formerly held, and the name of the claim or claims are unknown to me.

The surface boundaries of the claim are marked upon the ground as follows: Beginning at a monument of stone and post at a point in a northerly direction 500 feet from the discovery shaft (at which this notice is posted), being in the center of the north end line of said claim; thence westerly 300 feet to a monument of stone, being the N.W. corner of said claim; thence Southerly 750 feet to a monument of stone at the center of the west side line of said claim; thence southerly 750 feet to a monument of stone, being the S.W. corner of said claim; thence easterly 300 feet to a monument of stone at the center of the south end of said claim; thence easterly 300 feet to a monument of stone, being the S.E. corner of said claim; thence northerly 750 feet to a monument of stone, being at the center of the east side line of said claim; thence northerly 750 feet to a monument of stone at the N.E. corner of said claim; thence westerly 300 feet to the place of beginning.

This amended notice of location is filed without any waiver of any previous rights, for the purpose of correcting and making more more specific the locus and boundaries of said lode as originally located upon the ground by notice of location recorded in Book 57 of Mines, at page 80, Records of Yavapai County, Arizona.

Date of original location, December 29-1900.

Date of this amended certificate or amended notice of location,
October 2, 1903

M.D.C.Putman

Recorded at request of M.D.C.Putman Oct 2nd A.D. 1903, at 2:15 o'clock P.M. in Book 64 of Mines pages 491-493, Records of Yavapai County, Arizona.

(SEAL)

P.J.Farley

County Recorder

By P.J.Keohane
Deputy

TERRITORY OF ARIZONA, }
 COUNTY OF YAVAPAI, } ss.

I, J. C. Bradbury, County Recorder in and for the County of Yavapai, Territory of Arizona, and custodian of the records of such office, do hereby certify that I have compared the forgoing copy with, and that the same is a full, true and correct copy of the Amended Notice of Location of the "EXPRESS" Lode Mining Claim, situated in the Big Bug Mining District, Yavapai Co. Ariz filed for record on Oct. 2, A. D. 1903, and as the same appears of record in my office in Book 64 of Mines, , at pages 491-493, and of the whole thereof.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my Official Seal this 17th day of May, A. D., 1909.

J. C. Bradbury
 County Recorder.



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

Department of the Interior,

OFFICE OF U. S. SURVEYOR-GENERAL,

Phoenix, Arizona,

October 21, 1909.

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

Cardinal Mining Co.

known as the EXPRESS

situate in Big Bug

Mining District, Yavapai County, Arizona

in Section Approx., Township No. 12 N., Range No. 1 W., Unsur., and within the Prescott National Forest designated as Survey No. 2662

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 tunnel, value \$1000.

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 S. Ingalls,

United States Surveyor-General for Arizona.

4-687.

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 21, 1909.

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

Cardinal Mining Co.

, known as the

EXPRESS

situate in Big Bug Mining District,

Yavapai County, Arizona,

in Section Approx., Township No. 12 N., Range No. 1 W., Unsur., within the Prescott National Forest, designated as Survey No. 2662

executed by William H. Merritt, U. S. Deputy Mineral

Surveyor, Aug. 3 - 4, 1909, under my instructions dated

May 18, 1909, 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. 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.