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Jan 13 1917

4-683

MINERAL SURVEY No. 3391

LOT No.

ARIZONA Land District.

FIELD NOTES

OF THE SURVEY OF THE MINING CLAIM OF

Mrs. E. M. Carrow

KNOWN AS THE

MAMMOTH lode

WALLAPAI Mining District,

MOHAVE County, ARIZONA

Section 15, Township 21 North, Range 17 West
Gila & Salt River Base and Meridian
Surveyed under instructions dated May 1, 1917

by Leon H. Foster,
U. S. Mineral Surveyor.

Claim located See location notice, 1917

Survey commenced May 15, 1917

Survey completed June 8, 1917

Address of claimant Kingman, Arizona.

DATES OF AMENDED LOCATIONS.

March 17, 1917.

6-822

Fen S. Hildreth,
Phoenix Arizona,
Attorney for Claimant.

Survey No. 3391

MAMMOTH LODE

FEET

Beginning at Cor. No. 1.
A redwood post, 4 ft. long, 4 ins. square, with nail at the exact corner, set 18 ins. in the ground, in a mound of earth and stone, scribed M-1-3391.
The Cor. of Sections 14, 15, 22, 23, T. 21 N., R. 17 W., bears S. 48° 52' E. 1886.5 ft.
A cross on porphyry ledge marked B.R. 1-3391 brs. N. 6° 35' E. 241.2 ft.

300

Thence N. 6° 35' E.
To the east end center of the location
A redwood post, 4 ft. long, 4 ins. square, with nail at the exact point, set 18 ins. in the ground, in a mound of earth and stone, scribed 3391.
The discovery cut bears N. 83° 25' W. 190 ft.

600

To Cor. No. 2.
A redwood post, 4 ft. long, 4 ins. square, with nail at the exact corner, set 18 ins. in the ground, in a mound of earth and stone, scribed M-2-3391.

1500

Thence N. 83° 25' W.
To Cor. No. 3.
A redwood post, 4 ft. long, 4 ins. square, with nail at the exact corner, set 18 ins. in the ground, in a mound of earth and stone, scribed M-3-3391.
A cross on decomposed andesite formation marked B.R. 3-3391 brs. S. 6° 35' W. 285 ft.

300

Thence S. 6° 35' W.
To the west end center of the location.
A redwood post, 4 ft. long, 4 ins. square, with a nail at the exact corner, set 18 ins. in the ground, in a mound of earth and stone, scribed 3391.
The discovery cut bears S. 83° 25' E. 1310 ft.

600

To Cor. No. 4.
A redwood post, 4 ft. long, 4 ins. square, with nail at the exact corner, set 18 ins. in the ground, in a mound of earth and stone, scribed M-4-3391.

1500

Thence S. 83° 25' E.
To Cor. No. 1.
The place of beginning.
All corners and end centers identical with the location.

LODE LINE

As near as can be determined, from present developments, the course of the vein in the Mammoth lode extends N. 83° 25' W. 1310 ft. and S. 83° 25' E. 190 ft. from the discovery cut.

AREA

Total area, Acres 20.661

LOCATION

This claim is located in Section 15, T. 21 N., R. 17 W. G. & S. R. B. & M., Wallapai Mining District, Mohave County, Arizona.

Survey No. 3391

Mammoth Lode - Continued.

Expenditure of Five Hundred Dollars.

I certify that the value of labor and improvements made upon or for the benefit of this claim by the claimant, or her grantor, is not less than Five Hundred Dollars, and are as follows:

No. 1. The discovery cut, 4½ ft. wide, 10 ft. face the center of which is on the lode line 190 ft. from the east end center, and extending North 20 ft. to its mouth.
Value, \$40.00

No. 2. A shaft 5 ft. wide 8 ft. long, 8 ft. deep on the lode line, 160 ft. from the east end center. The course of the long side is North.
Value, \$45.00

No. 3. A shaft 5 ft. wide, 6 ft. long, 8 ft. deep. The course of the long side is North. The Southeast corner bears N. 40° W. 450 ft. from Cor. No. 1.
Value, \$40.00

No. 4. A shaft 8 ft. wide, 9 ft. long, 18 ft. deep. The course of the long side is N. 85° W. The Southeast corner bears N. 62° W. 770 ft. from Cor. No. 1.
Value, \$200.00

No. 5. An open cut 4 ft. wide, 12 ft. face, the center of which is on the lode line 860 ft. from the east end center, extending S. 80° E. 45 ft. to its mouth.
A drift 4 ft. wide, 7 ft. high, extending N. 80° W. 18 ft. from the face.
Value, \$240.00

No. 6. A trench 3½ ft. wide, 2½ ft. deep, 160 ft. long, running N. 78° W. from the east end, which bears S. 39° 15' W. 275 ft. from Cor. No. 2.
Value, \$50.00

Other Improvements

An adobe barn 16 ft. wide, 36 ft. long, running S. 75° W. from the Southeast corner, which bears N. 62° W. 610 ft. from Cor. No. 1.

A concrete reservoir 40 ft. wide, 10 ft. deep, 75 ft. long, running N. 70° W. from the Southeast corner, which bears N. 70° W. 395 ft. from Cor. No. 1.

A house 44 ft. square, running West from the Southeast corner, which bears N. 73° W. 455 ft. from Cor. No. 1.

Survey No. 3391

Mammoth Lode - Continued.

An open cut, the South end of which bears N. 66° W. 340 ft. from Cor. No. 1.

Thence NØ. 12° W. 150 ft. long, 4 ft. wide, 5½ ft. deep.

Thence West 45 ft. long, 8 ft. wide and 12 ft. deep.

A spring bearing N. 47° W. 415 ft. from Cor.No. 1.

Instrument and Meridian.

This survey was made with a Berger and Sons mining transit, and a 500 and 100 ft. steel tape.

The Meridian was determined by direct observation on the sun.

Variation at all corners 14° 30' East.
Report.

The side and end lines of this claim, and all the other lines were run direct on the ground.

The corner of Sections 14 - 15 - 22 - 23 is a Tufa slab, 8x15 ins., 30 ins. long, in a mound of stone, with three notches chiseled in the South side, and two notches in the east side.



U. S. Mineral Surveyor.

Box 813
Kingman, Arizona.

62-3 1917

FINAL OATHS FOR SURVEYS.

LIST OF NAMES.

A list of the names of the individuals employed by Leon H. Foster
 United States ~~Deputy~~ 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 Mrs. E. M. Carrow
 known as the MAMMOTH lode
 and showing the respective capacities in which they acted.

- A. B. McAdams , Chainman.
- XXXXXXXXXXXXXXXXXXXX , Chainman.
- XXXXXXXXXXXXXXXXXXXX , Axman.
- XXXXXXXXXXXXXXXXXXXX , Flagman.

FINAL OATHS OF ASSISTANTS.

~~Wx~~ I, A. B. McAdams
~~xxx~~ , do solemnly swear that ~~we~~ ^I assisted
Leon H. Foster , United States ~~Deputy~~ Mineral Surveyor, in marking the corners and surveying
 the boundaries of the mining claim of Mrs. E. M. Carrow
 known as the MAMMOTH lode
 represented in the foregoing field notes as having been surveyed by said ~~deputy~~ 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 instructions
 furnished by the United States Surveyor-General for Arizona

- A. B. McAdams , Chainman.
- XXXXXXXXXXXXXXXXXXXX , Chainman.
- XXXXXXXXXXXXXXXXXXXX , Axman.
- XXXXXXXXXXXXXXXXXXXX , Flagman.

Subscribed and sworn to by the above-named persons before me this 8th

day of June , 1917.

J. J. Whitney
 Notary Public

JUN 13 1917

(4-686.)

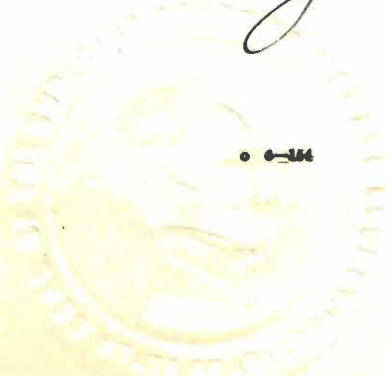
FINAL OATH OF U. S. ~~DEPUTY~~ MINERAL SURVEYOR

I, Leon H. Foster, U. S. ~~Deputy~~ Mineral Surveyor, do solemnly swear that, in pursuance of instructions received from the United States Surveyor General for Arizona, dated May 1st, 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 Mrs. E. M. Carrow, known as the MAMMOTH lode, situate in Wallapai Mining District, Mohave County, Arizona, in Section 15, Township No. 21 N., Range No. 17 West, G. & S. R. B. & M. and designated as Survey No. 3391, 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 her 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.

Leon H. Foster
L. H. Foster
 U. S. ~~Deputy~~ Mineral Surveyor.

Subscribed and sworn to by the said Leon H. Foster,
 U. S. ~~Deputy~~ Mineral Surveyor, before me L. M. Teale, Clerk of the
Superior Court this 9th
 day of June, 1917.

L. M. Teale
 Clerk of the Superior Court
 of Mohave County, State
 of Arizona



APR 30 1917

AMENDED LOCATION CERTIFICATE.

KNOW ALL MEN BY THESE PRESENTS, That Mrs. E. M. Carrow the undersigned citizen of the United States, over the age of twenty-one years, having complied with all the requirements of the laws of the United States and the State of Arizona, relating to mining claims, and with the local laws, customs, rules and regulations of Wallapai Mining District, hereby make and file this amended location of the Mammoth Lode, claiming by right of discovery, location, primal appropriation and possession 1500 feet, linear and horizontal measurement, on this vein or lode of quartz, or other rock in place, bearing gold and other valuable minerals, with all dips, variations and angles the same being 190 feet along the ledge in an easterly direction from the discovery stake and 1310 feet along the ledge in a westerly direction therefrom, together with 300 feet in width on each side of the middle of said ledge, and all veins, lodes, ledges, mineral deposits, mineral and surface ground, within the lines of said claim.

Situate in Wallapai Mining District, County of Mohave, State of Arizona, in Sec. 15 T. 21 N. R. 17 W. G. & S. R. B. & M, and more particularly described as follows, to-wit:

Beg. at the Southeast corner, whence the southeast corner of Sec. 15 T. 21 N. R. 17 W. bears Southeast about 3/8 mile.

- Thence northerly 300' to the east end center
- " " 600' " " northeast corner
- " westerly 1500' " " northwest corner
- " southerly 300' " " West end center
- " " 600' " " S. W. corner
- " easterly 1500' " " S. E. corner, the place of beginning.

All corners are 4 X 4 redwood posts 4' long properly set.

THIS AMENDED LOCATION is made in conformity with the original location, made Sept. 24, 1907, recorded Dec. 25, 1907, in Book Y, Page 676, of Quartz Locations, in the office of the Recorder of said County, and it is made for the purpose of appropriating all ground within the boundaries hereinbefore described, and of more definitely describing the situation and boundaries of said lode, correcting any irregularities, informalities

or errors, supplying omissions and correcting any defects which may have existed in the original location, or the record thereof, hereby waiving no rights acquired under and by virtue of said original location. And if the original location or the certificate thereof is void, then this location shall be an original location and this certificate an original certificate.

Date of Original Discovery Sept. 24, A. D. 1907.

Date of Amended Location Mar. 17, A. D. 1917.

Attest:

Mrs. E. M. Carrow.

Recorded at the request of E. M. Carrow at 11 o'clock A. M. March 17th, 1917, in Book S.S. of Mining Claims Page 139. Records of Mohave County, Arizona.

H. L. Underwood,
County Recorder.

STATE OF ARIZONA, }
County of Mohave. } ss.

I, H. L. Underwood, Recorder of Mohave County, State of Arizona, do hereby certify that I have compared the foregoing copy.....

Amended Location Certificate of the Mammoth Lode Mining Claim,
and of the endorsement thereupon with the original records of the same on file in this office, and that the same are correct transcripts therefrom and of the whole of said original records.

WITNESS my hand and the seal of said office this 19th
day of March, 1917.

H. L. Underwood
Recorder of Mohave County.



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

Department of the Interior,

OFFICE OF U. S. SURVEYOR-GENERAL,

Phoenix, Arizona,

October 4, 1917.

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

MRS. E. M. CARROW, known as the MAMMOTH LODE, WALLAPAI,

situate in MOHAVE County, ARIZONA,

Mining District, in Section 15, Township No. 21 N., Range No. 17 W., G&SRB&M, and designated as Survey No. 3391,

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 her grantors, and that said improvements consist of 2 cuts, 3 shafts, 1 drift and 1 trench, total value \$615.

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.

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 4, 1917.

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

MRS. E. M. CARROW

, known as the

MAMMOTH LODE,

situate in WALLA PAI mining district,

MOHAVE County, ARIZONA,

in Section 15, Township No. 21 N., Range No. 17 W.,

~~C&S D&M~~, designated as Survey No. 3391

executed by Leon H. Foster, United States Mineral

Surveyor, May 15, - June 8, 1917, under my instructions dated

May 1, 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.

Frank G. Frost

U. S. Surveyor-General for Arizona.