

4-683

MINERAL SURVEY No. 3585

NOV-6 1920

Arizona Land District.

FIELD NOTES

OF THE SURVEY OF THE MINING CLAIM OF

Missouri-Mohave Mining and Milling Company

KNOWN AS THE

Alma C. and Ellen L. lodes

Wallapai Mining District,

Mohave County, Arizona

Sections 7 and 12, Township 22 North, Range s 17 and 18 West

Surveyed under instructions dated October 21, 19 20

by Leon H. Foster

U. S. Mineral Surveyor.

See location notices

~~Alma C. Jan. 1, 1910~~

Claim located ~~Ellen L. Jan. 1, 1915~~, 19

Survey commenced October 28, 19 20

Survey completed October 30, 19 20

Address of claimant C.W. Herndon, Kingman, Arizona.

DATES OF AMENDED LOCATIONS.

~~Alma C., November 20, 1910~~

Mineral Survey No. 3585

feet

Alma C. lode.

at
Beginning Cor. No.1

A redwood post, 4 ins. square, 4 ft. long, with a nail at the exact corner, set 15 ins. in the ground, in a mound of earth and stone, scribed A.C.-1-3585.

Identical with the location.

A granite boulder, 4 ft. wide, 6 ft. long and 4 ft. high, scribed B.R.-A.C.-1-3585 and a cross on the east face bears N. 27° 25'W. 69.45 ft.

The west $\frac{1}{4}$ section corner of section 7, T. 22 N., R. 17 W., G. & S. B. B. & M. bears N.60° 02 $\frac{1}{2}$ 'W. 275.20 ft.

Thence N. 50° 43' E.

300.18

To the south end center of the location.

A redwood post, 4 ins. square, 4 ft. long, set 12 ins. in the ground, in a mound of earth and stone, scribed 3585.

The discovery shaft bears N. 41° 13'W. 735 ft.

588.77

To Cor. No. 2.

A redwood post, 4 ins. square, 4 ft. long, with a nail at the exact corner, set 18 ins. in the ground in a mound of earth and stone, scribed A.C.-2-3585.

Identical with the location.

A granite boulder, 5 ft. wide, 8 ft. long and 5 ft. high, scribed with a cross and B.R.-A.C.-2-3585, bears N 87° 53'E. 40.30 ft.

On line 1-2 Flores West lode, Sur. No. 3320.

Thence N. 30° 03' W.

60.72

To Cor. No. 3.

A redwood post, 4 ins. square, 4 ft. long, with a nail at the exact corner, set in a mound of earth and stone, scribed A.C.-3-3585.

Identical with ^{the location, with} Cor. No.1, Ellen L. lode, this survey and with Cor. No.1 Flores West lode, Sur. No. 3320.

Thence N. 41° 13'W.

50.00

Cross wash running S. 45° W.

260.00

Cross wash running S. 45° W.

Survey No. 3585.

feet	Alma C. lode, continued.
728.40	To Cor. No. 4. A granite stone, 6 X 12 X 24 inches, set 12 ins. in the ground, in a mound of earth and stone, scribed with a cross at the exact corner with A.C.-4-3585 on the west face. Identical with Cor. No. 7, Ellen L. lode, this survey, and with the location.
174.67	Thence N 57° 38' W. To Cor. No. 6, Ellen L. lode, this survey.
330.01	Intersect line between sections 7 & 12, T. 22 N., R. 17 & 18 W., at N. 5° 21' 30" W. 1016.96 ft. ,and S. 5° 21' 30" E. 1549.45 ft. from west $\frac{1}{4}$ corner of section 7, T. 22 N., R. 17 W., and corner of sections 6 & 7, T. 22 N., R. 17 W., respectively.
708.76	To Cor. No. 5. A redwood post, 4 ins. square, 4 ft. long, with a nail at the exact corner, set 12 ins. in the ground, in a mound of earth and stone, scribed A.C.-5-3585. Identical with the location. A granite boulder, 3 ft. wide, 5 ft. long, and 2 ft. high scribed with a cross and B.R.A.C.#5-3585, bears S. 17° 18' W. 25.80 ft. Cor. No. 5, Ellen L. lode, this survey , bears N. 13° 10' E., 213.51 ft. Thence S. 50° 43' W.
316.07	To the north end center of the location. A redwood post, 4 ins. square, 4 ft. long, with a nail at the exact point, set 18 ins. in the ground, in a mound of earth and stone, scribed 3585. The discovery shaft bears S. 57° 38' E. 765.00 ft. Cross small wash running S. 20° E. A granite boulder, 3 ft. wide, 5 ft. long, 2 ft. high , marked with a cross and B.R.3585 bears N. 50° 43' E. 28.33 ft.

Survey No. 3585.

feet

Alma C. lode, continued

632.14

To Cor. No. 6.

A redwood post, 4 ins. square, 4 ft. long, with a nail at the exact corner, set 18 ins. in the ground, in a mound of earth and stone, scribed A.C.-6-3585.

Identical with the location.

Thence S. 57° 38' E.

575.00

Cross wash running S. 20° E.

821.24

To Cor. No. 7.

A redwood post, 4 ins square, 4 ft. long, with a nail at the exact corner, set 18 ins. in the ground in a mound of earth and stone, scribed A.C.-7-3585.

Identical with the location.

A granite boulder, 3 ft. wide, 5 ft. long, and 2 ft. high, marked with a cross and B.R.-A.C.-7-3585, bears N. 1° 10' E. 4.83 ft.

Thence S. 41° 13 E.

298.25

Intersect line between sections 12 and 7, T 22 N.

R. 17 & 18 W, G. & S. R. B. & M. at N. 5° 21' 30" W. 151.60 ft. and S. 5° 21' 30" E. 2414.81 ft. from the west 1/4 section betcorner of section 7 and the corner of sections 6 & 7, respectively.

485.00

Cross wash running S. 45° W.

672.00

Cross wash running S. 45° W.

681.60

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

Variation^{at} all corners, 14° 30' E.

Ellen L. lode

Beginning^{at} Cor. No. 1.

A redwood post, previously described, scribed E.L.-1-3585.

Identical with the location and with Cor. No. 3 and 1, Alma C. lode, this survey and Flores West^{lode}, Sur. 3320, respectively.

Survey No. 3585

feet

Ellen L. lode, continued,

The west $\frac{1}{4}$ section corner of section 7, 12 and 7,
T. 22 N. R. 17 W. bears S. $66^{\circ} 33'$ W. 723.50 ft.

Thence N. $71^{\circ} 34'$ E.

233.98

To the south end center of the location.

A granite stone, 4 ins. wide, 15 ins. long, 22 ins.
deep, with a cross cut at the exact point, set 12 ins. in
the ground, in a mound of earth and stone, marked 3585.

The discovery cut bears N. $39^{\circ} 11'$ W. 350 ft.

303.28

To Cor. No. 2.

A redwood post, 4 ins. square, 4 ft. long, with a
nail at the exact corner, set 24 ins. in the ground, in a
mound of earth and stone, scribed E.L.-2-3585.

Identical with the location

Cor. No. 4, Flores West lode, Sur. No. 3320, bears
N. $71^{\circ} 34'$ E. 162.23 ft.

On line I-2, Flores North lode, Sur. No. 3320, at
N. $27^{\circ} 38'$ W. 163.65 ft. and S. $27^{\circ} 38'$ E. 1102.70 ft. from
Cor. No. 1 and 2, respectively.

A granite boulder, 3 ft. square and 3 ft. above
ground, with a cross cut on the west face, and marked B.R.
E.L.2-3585, bears N. $68^{\circ} 07'$ E. 37.30 ft.

Thence N. $27^{\circ} 38'$ W.

250.00

Cross gulch running S. 45° W.

1102.70

To Cor. No. 3.

A redwood post, 4 ins. square, 4 ft. long, with
a nail at the exact corner, set in a mound of earth and
stone, scribed E.L.3-3585.

Identical with Cors. No. 2 and 3, Flores North
and Flores North No. 2 lodes, Sur. No. 3320, respectively.
and with the location.

Thence N. $43^{\circ} 02'$ W.

346.21

To Cor. No. 4.

A redwood post, 4 ins. square, 4 ft. long, with a
nail at the exact corner, set 15 ins. in the ground, in a
mound of earth and stone, scribed E.L.-4-³⁵⁸⁵ identical with
the location. Sur. No. 3320,

Cor.No. 4, Flores North No. 2 lode, bears N. 43°
 $02'$ W. 842.49 ft.

Survey No. 3585.

feet

Ellen L. lode, continued,

Thence S. 71° 34' W.

280.01

To the north end center of the location.

A redwood post, 4 ins. square, 4 ft. long, with a nail at the exact point, set 18 ins. in the ground in a mound of earth and stone, scribed 3585.

The discovery cut bears S. 39° 11' E. 1150 ft.

362.89

Intersect line between sections 7 and 12, at N. 5° 21' 30" W. 1504.98 ft. and S. 5° 21' 30" E. 1061.43 ft. from the west $\frac{1}{4}$ section corner of section 7, and ~~and~~ the corner of sections 6 and 7, respectively.

600.82

To Cor. No. 5.

A redwood post, 4 ins. square, 4 ft. long, with a nail at the exact corner, set 10 ins. in the ground, in a mound of earth and stone.

Identical with the location.

A granite stone, 2 ft. wide, 5 ft. long, and $1\frac{1}{2}$ ft. above ground scribed X-B.R.-E.L.-5-3585, bears N. 13° 08' E. 10.29 ft.

Cor. No. 5, Alma C. lode, this survey, bears S. 13° 10' W. 213.51 ft.

Thence S. 39° 11' E.

416.33

Intersect line between sections 7 and 12 at N. 5° 21' 30" W. 1105.29 ft. and S. 5° 21' 30" E. 1461.12 ft. from the west $\frac{1}{4}$ section corner of section 7 and the corner of sections 6 and 7, respectively.

637.07

To Cor. No. 6.

On line 4-5 Alma C. lode, this survey, N. 57° 38' W. 174.67 ft. from Cor. No. 4.

Identical with the location.

A granite stone, 6 X 9 X 18 inches, with a cross cut at the exact corner, set 10 inches in the ground, in a mound of earth and stone, scribed E.L.-6-3585.

Thence S. 57° 38' E.

174.67

To Cor. No. 7.

Identical with Cor. No. 4, Alma C. lode, this survey, previously described, marked E.L.-7-3585.

Survey No. 3585.

feet.

Ellen L. lode, continued,

Identical with the location.

Thence S. 41° 13' E.

468.40 Cross gulch, running S. 45° W.

678.40 Cross gulch, running S. 45° W.

728.40 To Cor. No. 1, the place of beginning.

Variation at all corners, 14° 30' E.

Lode Lines.

As near as can be determined from the present development, the veins of the two claims of this survey extend from their respective discovery work as follows;

Alma C. lode:-

N. 57° 38' W. 765.00 ft. and S. 41° 13' E. 735.00 ft. from the discovery shaft.

Ellen L. lode:-

N. 39° 11' W. 1150.00 ft. and S. 39° 11' E. 350.00 ft. from the discovery cut.

Areas.

Total area Alma C. lode----- Acres. 20.658

Total area Ellen L. lode----- 15.903

Location.

This survey is located in sections 7 and 12, T. 22 N., Rs. 17 & 18 W., G. & S.R.B. & M., Wallapai Mining District, Mohave County, Arizona.

Expenditure of Five Hundred Dollars.

I certify that the value of the improvements and labor, made upon and for the benefit of this group of lode claims by the claimant Company or its grantors, is not less than five hundred dollars and consist of the following;

Survey No. 3585.

Improvements, Continued.

Alma C. lode;

90-1
Discovery shaft No. 1, the center of which is on the lode line, 735.00 ft from the south end center, 5 ft. wide, 9 ft. long, 100 ft. deep, timbered, with a 20 ft. crosscut at bottom running N. 40° E. and a 20 ft. drift running N. 57° W. valued at \$ 3900.00

1/2 value to this claim ----- \$1950.00

No. 2 shaft, on lode line at 560 ft. from the south end center, 4 ft. wide, 5 ft. long, 40 ft. deep, with a 50 ft. drift running N. 80° W.

Value----- \$1300.00

No. 3 shaft, on lode line at 450 ft. from the north end center, 4 ft. wide, 6 ft. long, 25 ft. deep

Value----- \$500.00

No. 4 shaft, the center of which bears N. 19° 30' W. 455 ft. from Cor. No. 7, 4 ft. wide, 6 ft. long and 8 ft. deep.

Value----- \$35.00

No. 5, a shaft, the center of which is on the lode line at 510 ft. from the north end center, 4 ft. wide, 6 ft. long and 28 ft. deep.

Value----- \$560.00

No. 6, a shaft, the center of which bears N 4° 45' E. 320 ft. from Cor. No. 7, 4 ft. wide, 9 ft. long and 6 ft. deep.

Value----- \$25.00

No. 7, a shaft, the center of which bears N. 11° E. 310 ft. from Cor. No. 7, 4 ft. wide, 6 ft. long and 6 ft. deep.

Value----- \$ 25.00

No. 8, a shaft, the center of which bears N. 11° E. 280 ft. from Cor. No. 7, 4 ft. wide, 6 ft. long and 7 ft. deep.

Value----- \$25.00

No. 9, a shaft, the center of which is on the

Survey No. 3585.

Improvements, continued,

lode line at 700 ft. from the north end center, 4 ft. wide, 6 ft. long and 6 ft. deep.

Value-----\$25.00

No. 10, a shaft, the center of which bears S. 4° 30' W. 355 ft. from Cor. No. 4, 4 ft. wide, 8 ft. long and 8 ft. deep; with a 10 ft. drift running N. 60° W.

Value-----\$100.00

No. 11, an open cut, 4 ft. wide, 7 ft. face, the center of which bears S. 5° 15' E. 360 ft. from Cor. No. 4 and extends S. 40° E. 15 ft. to its mouth.

Value-----\$25.00

Ellen L. lode.

1/2 interest in No. 1 Imp. Alma C. lode.

Value-----\$1950.00

No. 1, the discovery cut, 4 ft. wide, 10 ft. face, the center of which is on the lode line at 350 ft. from the south end center and extending S. 39° E. 15 ft. to its mouth. From the face a tunnel running N. 39° W. 20 ft. 4 ft. wide, 6 ft. high.

Value-----\$175.00

No. 2, an open cut, 4 ft. wide, 10 ft. face, the center of which bears N. 33° 30' E. 240 ft. from Cor. No. 7 and extends S. 33° W. 22 ft. to its mouth. From the face a tunnel, 4 ft. wide, 6 ft. high, extends N. 39° W. 10 Ft.

Value-----\$100.00

No. 3, a shaft, the center of which bears N. 23° 30' E. 255 ft. from Cor. No. 7, 5 ft. wide, 7 ft. long and 28 ft. deep.

Value-----\$335.00

Survey No. 3585.

Other improvements.

Alma C. lode:-

A house, 20 X 15 ft. of which the south west corner bears N. 16° W. 185 ft. from Cor. No. 1.

A well, 5 X 5 ft. the center of which bears N. 11° 30' W. 71 ft. from Cor. No. 1.

Report.

The side and end lines and all other lines were measured directly on the ground.

Improvement No.1, the main working shaft, the collar of which is on the lower side of this group of claims, has been sunk to develop the two claims of this survey and I therefore divide the value of \$ 3900.00 between them making \$ 1950.00 to each.

All of the corners of survey No. 3320 tied into this survey are redwood posts, properly set and marked.

The west 1/4 section corner of section 7 is a one inch iron post with a brass cap marked 1/4 S 12-7

The corner of sections 6 and 7 is a granite boulder set in the ground marked with proper notches.

Instrument and Meridian.

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

The Meridian was determined by direct observation on the sun.

Adjoining and Conflicting Claims.

This group is joined on the north east by the Flores North No. 2 and The Flores North and on the south east by Flores West, all of survey No. 3320.

All other sides of this group is Public Domain.

The difference between this survey and the notices issue to error in the latter.

Kingman, Arizona.

Leon N. Foster
U. S. Mineral Surveyor

FINAL OATHS FOR SURVEYS.

LIST OF NAMES.

A list of the names of the individuals employed by Leon H. Foster
 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
Missouri-Mohave Mining [&] and Milling Company
 known as the Alma C. and Ellen L. lodes
 and showing the respective capacities in which they acted.

L. A. Newton , Chainman.
 , Chainman.
 , Acman.
 , Flagman.

FINAL OATHS OF ASSISTANTS.

~~xxx~~ I, L. A. Newton,
 and XXXXXXXXXXXXXXXXXXXX, do solemnly swear that ~~we~~ ^I assisted
Leon H. Foster , United States Mineral Surveyor, in marking the corners and surveying
 the boundaries of the mining claim of
Missouri-Mohave Mining [&] and Milling Company
 known as the Alma C. and Ellen L. lodes
 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

L. A. Newton , Chainman.
 , Chainman.
 , Acman.
 , Flagman.

Subscribed and sworn to by the above-named persons before me this 1st
 day of November , 1920

My Commission Expires Nov. 20th, 1923.

Mary P. Cannon
 Notary Public

FINAL OATH OF U. S. MINERAL SURVEYOR.

I, Leon H. Foster, U. S. Mineral Surveyor, do solemnly swear that, in pursuance of instructions received from the United States Surveyor General for Arizona, dated October 21, 1920, 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 Missouri-Mohave Mining & Milling Company, known as the Alma C. lode and Ellen L. lodes, situate in Wallapai Mining District, Mohave County, Arizona, in Section 7 and 12, Township No. 22 N., Range No. 17 and 18 W., and designated as Survey No. 3585, 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.

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

Subscribed and sworn to by the said Leon H. Foster
U. S. Mineral Surveyor, before me Mary E. Cannon
Notary Public this 1st
day of November, 1920

My Commission Expires Nov. 20th, 1923

Mary E. Cannon
Notary Public



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

Department of the Interior,

OFFICE OF U. S. SURVEYOR-GENERAL,

Phoenix, Arizona,

December 9, 1920

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 Missouri-Mohave Mining & Milling Company

known as the ALMA C., and ELLEN L. Lodes

situate in Wallapai

Mining District, Mohave County, Arizona,

in Section 7 and 12, Township No. 22 N., Range Nos. 17 & 18 W., and designated as Survey No. 3585, 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 claims by claimant or its grantors, and that said improvements consist of 11 shafts, 3 cuts, 2 tunnels, 1 crosscut and 2 drifts,

total value \$7130.

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,

December 9, 1920

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

Missouri-Mohave Mining & Milling Company

, known as the

ALMA C., and ELLEN L. Lodes

situate in Wallapai mining district,

Mohave County, Arizona

in Section S 7 and 12, Township No. 22 N., Range No. S. 17 and 18 W.

, designated as Survey No. 3585

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

Surveyor, October 28 - 30, 1920, under my instructions dated

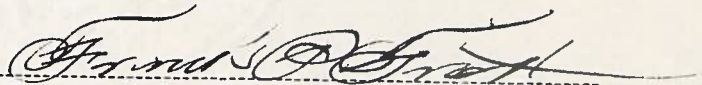
October 21, 1920, have been critically examined and the necessary cor-

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.



U. S. Surveyor General for Arizona.