

APR-4 1920

4-683

1

MINERAL SURVEY No. 3815

ARIZONA

Land District.

FIELD NOTES

OF THE SURVEY OF THE MINING CLAIM OF

Katherine Extension Mining Co.

~~617 Pacific Building, San Francisco~~

KNOWN AS THE

Utah, Utah #1, Utah #2, Utah #3, Utah #4 and Utah #5 lodes.

San Francisco

Mining District,

Mohave

County,

Arizona.

Section 5 & 6, Township 21 North, Range 21 West

Surveyed under instructions dated November 1st., 19 21

by Leon H. Foster

U. S. Mineral Surveyor.

Claim located ~~see next page~~ Jan. 25, 1921

Survey commenced Jan 10th., 19 22

Survey completed Feb. 20th., 19 22

Address of claimant 617 Pacific Bldg., San Francisco, Cal.

DATES OF AMENDED LOCATIONS.

All claims of this survey were located
January 25th. 1921.

MINERAL SURVEY No. 3815

feet

Utah #2 Lode

Beginning at Cor. No. 1.

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 U-2-1-3815.

The 1/4 corner between sections 6 & 7^{T. 21 N., R. 21 W.} bears S. 85° 31' E. 435.44 ft.

Thence N. 22° 16' W.

300.00 To the west end center post of the location.

600.00 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 U-2-2-3815.

Identical with Cor. No. 1, Utah #1 lode, this survey.

Thence N. 74° 36' E.

1429.98 To Cor. No. 3.

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 U-2-3-3815.

Identical with Cors. No. 4-2-3, Utah #1, Utah and Utah # 3 lodes, this survey, respectively.

Thence S. 22° 16' E.

300.00 To the east end center post of the location.

600.00 To Cor. No. 4.

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 U-2-4-3815.

Identical with Cor. No. 2, Utah #3 lode, this survey.

Thence S. 74° 36' W.

1429.98 To Cor. No. 1, the place of beginning.

All corners are identical with the location.

No. bearing objects available.

Variation, all corners - 15° 30' E.

MINERAL SURVEY NO. 3815

feet

Utah #1 lode

Beginning^{at} Cor. No. I.A redwood post, previously described, scribed
U-I-1-3815.Identical with Cor. No. 2, Utah # 2 lode, this
survey.The 1/4 corner between sections 6 & 7 bears
S. 48° 18' E. 885.89 ft.

Thence N. 22° 16' W.

300.00 To the west end center post of the location.

565.00 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 U-I-2-3815.Cor. No. ³/₂, Big Dam lode, Sur. No. 3264 bears
S. 89° 10' 30" W. 275.64 ft.

Thence N. 74° 36' E.

1429.98 To Cor. No. 3.

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 U-I-3-3815.Identical with Cor. No. 3, Utah lode, this
survey.

Thence S. 22° 16' E.

265.00 To the east end center post of the location.

565.00 To Cor. No. 4.

A redwood post, previously described, scribed
U-I-4-3815.Identical with Cors. No. 2-3-3, Utah, Utah #3
and Utah #2 lodes, this survey, respectively.

Thence S. 74° 36' W.

1429.98 To Cor. No. I, the place of beginning.

All corners are identical with the location.

Variation, all corners-15° 30' E.

No bearing objects available.

MINERAL SURVEY NO. 3815

feet	
	<p style="text-align: center;">Utah lode</p> <p>Beginning ^{at} Cor. No. 1.</p> <p>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 U-1-3815.</p> <p>Identical with Cors. No. 3-2-4, Dorothy ^{No. I} lode, Sur. No. 3638A, Utah #4 and Utah #3 lodes, this survey, respectively.</p> <p>The corner of sections 5-6-7-8 bears S. 21° 05' E. 1166.24 feet.</p> <p style="text-align: center;">Thence S. 86° 08' 30" W.</p>
I499.50	<p>To Cor. No. 2.</p> <p>A redwood post, previously described, scribed U-2-3815.</p> <p>Identical with Cors. No. 3-3-4, Utah #3, Utah #2 and Utah #1 lodes, this survey, respectively.</p> <p style="text-align: center;">Thence N. 22° 16' W.</p>
300.00	To the west end center post of the location.
565.00	<p>To Cor. No. 3.</p> <p>A redwood post, previously described, scribed U-3-3815.</p> <p>Identical with Cor. No. 3 Utah #1 lode, this survey.</p> <p style="text-align: center;">Thence N. 86° 08' 30" E.</p>
I288.71	<p style="text-align: right;"><small>Sur. No. 3638A</small></p> <p>Intersect line 3-4, Dorothy lode, at N. 22° 16' W. 66.56 ft. and S. 22° 16' E. 533.44 ft. from Cors No. 3 and 4, respectively</p>
I499.50	<p>To Cor. No. 4,</p> <p>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 U-4-3815.</p> <p>Identical with Cor. No. 4, Dorothy No. I lode, Sur. No. 3638A.</p> <p>Cor. No. 3, Dorothy lode, Sur. No. 3638A, bears S. 67° 44' W. 200.00 feet.</p> <p style="text-align: center;">Thence S. 22° 16' E.</p>

MINERAL SURVEY NO. 3815

feet Utah lode, cont.,

265.00 To the east end center post of the location.

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

No bearing objects available.

All corners are identical with the location.

Variation, all corners, 15° 30' E.

Utah #3 lode.

Beginning^{at} Cor. No. 1.

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 U-3-1-3815.

Identical with Cor. No. 1. Utah #4 lode, this survey.

The corner of sections 5-6-7-8 bears S. 19° 50' E. 566.50 feet.

Thence S. 86° 08' 30" W.

1499.50 To Cor. No. 2.

A redwood post; previously described, scribed U-3-2-3815.

Identical with Cor. No. 4, Utah #2 lode, this survey.

Thence N. 22° 16' W.

300.00 To the west end center post of the location.

600.00 To Cor. No. 3.

A redwood post; previously described, scribed U-3-3-3815.

Identical with Cors No. 3-4-2, Utah #2, Utah #1 and Utah lodes, this survey, respectively.

Thence N. 86° 08' 30" E.

1499.50 To Cor. No. 4.

A redwood post, previously described, scribed U-3-4-3815.

Identical with the location and with Cors. No. 3-1-2, Dorothy No. 1 lode, Sur. No. 3638A, Utah and Utah #4 lodes, this survey, respectively.

Thence S. 22° 16' E.

MINERAL SURVEY No. 3815.

feet	Utah #3 lode, cont.,
300.00	To the east end center post of the location.
600.00	To Cor. No. 1 the place of beginning.
	No bearing objects available.
	All corners are identical with the location.
	Variation, all corners, $15^{\circ} 30' E$.
	UTAH #4 lode
	Beginning ^{at} Cor. No. 1.
	A redwood post, previously described, scribed U-4-1-3815.
	Identical with Cor. No. 1 Utah #3 lode, this survey.
	The corner of sections 5-6-7-8 bears S. $19^{\circ} 50' E$. 566.50 ft.
	Thence N. $22^{\circ} 16' W$.
300.00	To the west end center post of the location.
600.00	To Cor. No. 2.
	A redwood post, previously described, scribed U-4-2-3815.
	Identical with Cors. No. 3-1-4, Dorothy No. 1 lode, Sur. No. 3638A, Utah and Utah #3 lode, this survey, respectively
	Thence N. $67^{\circ} 44' E$.
455.92	Intersect line between sections 5 and 6, at S. $0^{\circ} 06' 30'' W$. 1378.11 ft. and N. $0^{\circ} 06' 30'' E$. 1260.89 ft.
	from the 1/4 corner between sections 5 & 6 and the corner of sections 5-6-7-8, respectively.
1500.00	To Cor. No. 3.
	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 U-4-3-3815.
	Identical with Cor. No. 2, Dorothy No. 1 lode, Sur., No. 3638A.
	Thence S. $22^{\circ} 16' E$.
35.00	To Cors. No. 4 & I, Wilson lode, Sur. No. 3638A and Utah #5 lode, this survey, respectively.
300.00	To the east end center post of the location.

MINERAL SURVEY NO. 3815.

feet Utah #4 lode, cont.,

600.00 To Cor. No. 4.

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 U-4-4-3815.

Identical with Cor. No. 4, Utah # 5 lode, this survey.

Thence S. 67° 44' W.

I291.07 Intersect line between sections 5 and 6, at S. 0° 06' 30" W. 2026.94 ft. and N. 0° 06' 30" E. 612.06 ft. from the 1/4 corner between sections 5 & 6 and the corner of sections 5-6-7-8, respectively.

I500.00 To Cor. No. 1, the place of beginning.

No bearing objects available.

All corners are identical with the location.

Variation, all corners, 15° 30' E.

UTAH # 5 lode.

Beginning ^{at} Cor. No. 1.

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 U-5-1-3815.

Identical with Cor. No. 4, Wilson lode, Sur. No. 3638A and on line 3-4, Utah #4 lode, this survey, at S. 22° 16' E. 35 ft. from Cor. No. 3.

The 1/4 corner between sections 5 & 6 bears N. 43° 54' 30" W. 1408.70 ft.

Thence N. 67° 44' E.

I300.00 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 U-5-2-3815.

Identical with Cor. No. 3, Wilson lode, Sur. No. 3638A.

Thence S. 22° 16' E.

265.00 To the east end center post of the location.

565.00 To Cor. No. 3.

MINERAL SURVEY NO. 3815

feet

Utah # 5 lode, cont.,

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 U-5-3-3815.

Thence S. 67° 44' W.

I300.00

To Cor. No. 4.

A redwood post, previously described, scribed U-5-4-3815.

Identical with Cor. No. 4, Utah # 4 lode, this survey..

Thence N. 22° 16' W.

300.00

To the west end center post of the location.

565.00

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

No Bearing objects available.

All corners are identical with the location.

Variation, all corners, 15° 30' E.

LODE LINES

As near as can be determined from present developments, the veins of the various claims embraced in this survey, extend as follows;-

Utah #2 lode;- N. 74° 36' E. 25 ft. and S. 74° 36' W. I404.98 ft. from the discovery shaft.

Utah #1 lode;- N. 74° 36'E.25 ft. and S. 74° 36' W. I404.98 ft. from the discovery shaft.

Utah #3 lode;-N. 86° 08' 30" E. 54 ft. and S. 86° 08' 30" W. I445.50 ft. from the discovery shaft.

Utah lode ; - N. 86° 08' 30" E. 60 ft. and S. 86° 08' 30" W. I439.50 ft. from the discovery shaft.

Utah #4 lode;- N. 67° 44' E. I483 ft. and S. 67° 44' W. I7 ft. from the discovery shaft.

Utah # 5 lode ; - N. 67° 44' E. I270 ft. and S. 67° 44' W. 30 ft. from the discovery shaft.

MINERAL SURVEY No. 3815.

LOCATION.

This survey is located in the San Francisco Mining District, Mohave County, Arizona, in sections 5 and 6, T. 21 N. R. 21 W. G. & S. R. B. & M.

AREAS	ACRES
Utah #2 lode -----	19.555 ✓
Utah #1 lode -----	18.415 ✓
Utah lode -----	18.450 ✓

In conflict with Dorothy No. 110 lode Sur. No. 3638A ----- 0.153 Ac.

Utah #3 lode -----	19.597 ✓
Utah #4 lode -----	20.661 ✓
Utah #5 lode -----	16.862 ✓

113 544

FIVE HUNDRED DOLLARS IMPROVEMENT

I certify that the value of labor and improvements made upon and for the benefit of this group of lode claims by the claimant or its grantors is less than five hundred dollars each and consists of the following;-

Utah #2 lode;-

No. 1, the discovery shaft; 4 ft. wide; 6 ft. long, and 10 ft. deep. The center is on the lode line at 25 ft. from the east end center. Value ----- \$30.00

Utah #1 lode;-

No. 1= The discovery shaft, 4 by 6 ft. by 10 ft. deep. The center is on the lode line at 25 ft. from the east end center. Value ----- \$30.00

Utah lode;-

No. 1= The discovery shaft, 4 by 6 ft. by 10 ft. deep. The center is on the lode line at 60 ft. from the east end center. Value ----- \$30.00

MINERAL SURVEY NO. 3815

Improvements, continued

Utah #3 lode;-

No. I= The discovery shaft, 4 by 6 ft. by 10 ft deep. The center is on the lode line at 54 ft. from the east end center. Value -----\$30.00

Utah #4 lode;

No. I= The discovery shaft, 4 by 6 ft. by 10 ft. deep. The center is on the lode line at 17 ft. from the west end center. Value \$30.00

Utah #5; lode;

No. I = The discovery shaft, 4 by 6 ft. by 10 ft. deep. The center is on the lode line, at 30 ft. from the west end center. Value \$30.00

* * * * *

Instrument & Meridian.

This survey was made with a Buff & Buff mining transit and with a 500 ft. and 5 ft. steel tape.

The meridian was determined by direct solar observation.

* * * * *

Adjoining and Conflicting claims.

This survey is adjoined on the north by the Wilson, Dorothy No. I and the Dorothy lodes, Sur. No. 3638A. and by the Little Joe No. I and Little Joe lodes, unsurveyed, claimant unknown.

On the south by the Potluck No. 1-2-3-& 4 lodes, unsurveyed, claimant unknown.

All other sides are public domain.

* * * * *

REPORT

All side lines and end lines and all other lines were run direct on the ground.

All corners of Sur. N. 3638A are redwood posts, 4 ins. square, properly set and marked.

MINERAL SURVEY NO. 3815.

Report, cont.,

The section corner and 1/4 section corners are of pipe with a brass cap, properly set and marked.

The ties to section line between sections 5 and 6 as shown in Sur. No. 3638A are in error.

Leon H. Foster
U. S. MINERAL SURVEYOR.

P.O. Box 589,
Kingman, Arizona.

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 _____
Katherine Extension Mining Co
 known as the Utah, Utah #1, Utah #2, Utah #3, Utah #4, & Utah #5 lodes.
 and showing the respective capacities in which they acted.

E. R. RICE _____, *Chainman.*
~~XXXXXXXXXXXXXXXXXXXX~~ _____, *Chainman.*
~~XXXXXXXXXXXXXXXXXXXX~~ _____, *Aceman.*
 _____, *Flagman.*

FINAL OATHS OF ASSISTANTS.

~~xxx~~ I, E. R. Rice _____
 and ~~xxxxxxxxxxxx~~ _____, do solemnly swear that ^I~~we~~ assisted
Leon H. Foster _____, United States Mineral Surveyor, in marking the corners and surveying
 the boundaries of the mining claim of Katherine Extension Mining Co.,
 known as the Utah, Utah #1, Utah #2, Utah #3, Utah #4 and Utah #5 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

E. R. Rice _____, *Chainman.*
~~XXXXXXXXXXXXXXXXXXXX~~ _____, *Chainman.*
 _____, *Aceman.*
 _____, *Flagman*

Subscribed and sworn to by the above-named persons before me this 31st
 day of March, 1922

Jessie L. Wallace
 Notary Public, in and for
 Mohave County, Arizona

My Commission Expires July 2, 1924

FINAL DATA FOR SURVEYS

LIST OF NAMES

John J. Foster

United States Geological Survey, Washington, D.C.

Geological Survey, Washington, D.C.

Geological Survey, Washington, D.C.

Geological Survey, Washington, D.C.

Geological Survey, Washington, D.C.

Name

Address

City

State

FINAL DATA FOR SURVEYS

John J. Foster

Geological Survey, Washington, D.C.

Geological Survey, Washington, D.C.

Geological Survey, Washington, D.C.

Geological Survey, Washington, D.C.

Geological Survey, Washington, D.C.

Geological Survey, Washington, D.C.

Geological Survey, Washington, D.C.

Geological Survey, Washington, D.C.

Name

Address

City

State

Submitted and accepted for publication

day of



Handwritten signatures and notes at the bottom left of the page.

4-686.

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 Nov. 1st. 1921, 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 Katherine Extension Mining Co., known as the Utah, Utah #1, Utah #2, Utah #3, Utah #4 and Utah #5 lodes, situate in San Francisco Mining District, Mohave County, Arizona, in Section 5 & 6, Township No. 21 N., Range No. 21 W. G. & S. R. B. & M., and designated as Survey No. 3815, 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
U. S. Mineral Surveyor.

Subscribed and sworn to by the said Leon H. Foster
U. S. Mineral Surveyor, before me Paris L. Wallace
a notary public this 31st
day of March, 1922

Paris L. Wallace
Notary Public in and for
Mohave County, Arizona

My Commission Expires July 2, 1924

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

DEPARTMENT OF THE INTERIOR,

OFFICE OF U. S. SURVEYOR GENERAL,

Phoenix, Arizona.

May 18, 1922.

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

Katherine Extension Mining Co.

, known as the UTAH, UTAH #1, UTAH #2, UTAH #3, UTAH #4, and UTAH #5 lodes, situate in San Francisco

Mining District, Mohave County,

Arizona, in Section s 5 & 6, Township No. 21 N,

Range No. 21 W., and designated as Survey

No. 3815, 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 ^{less than} five hundred dollars' worth of labor has been expended ^{each of} or improvements made upon said mining claims by claimant or its grantors, and that said improvements consist of, at time of survey, 6 shafts, total value \$180.00

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.

FEDERAL BUREAU OF INVESTIGATION

REPORT

MEMORANDUM FOR THE DIRECTOR

DATE: 10/15/54

TO: SAC, NEW YORK

FROM: SA, NEW YORK

SUBJECT: [Illegible]

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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.

May 18, 1922

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

Katherine Extension Mining Co.

known as the UTAH, UTAH #1, UTAH #2, UTAH #3, UTAH #4, and UTAH #5 lodes

situate in San Francisco mining district,

Mohave County, Arizona

in Section S 5 & 6, Township No. 21 N., Range No. 21 W.

designated as Survey No. 3815

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

Surveyor, January 10 - February 20, 1922, under my instructions dated

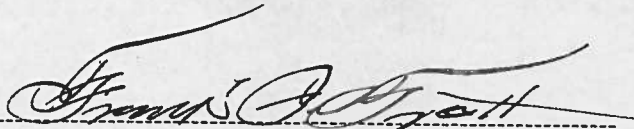
November 1, 1921, have been critically examined and the necessary

corrections and explanations made, and the said Field Notes and Return, and the survey they describe,

are hereby approved. 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

