

FEB. 24. 1916

APR. 20. 1916

(4-683.)

Platted

Mineral Survey No. 3266

Lot No. _____

Arizona Land District.

FIELD NOTES

OF THE SURVEY OF THE MINING CLAIM OF

New Comstock Mining Company

KNOWN AS THE

Katherine Lode

San Francisco Mining District,

Mohave County, Arizona,

Section 5, Township 21 N., Range 21 W. G. & S. R. M. *un-approved survey*

Surveyed under instructions dated Jan. 23, 1916.

by O. M. Enslow,

U. S. Deputy Mineral Surveyor

Claim located See location notice., 1

Survey commenced Jan. 25, 1916, 1

Survey completed Jan. 25 1916, 1

6-17

Address

Phillip I. Manson,

Attorney

807-808 Kohl Building,

San Francisco, Calif.

Feet	Survey No. 3266 / Katherine Lode.
	Beginning at Cor. No. 1.
	A quartz rock 30x16x12 ins., set 12 ins. in the ground with a conical mound of stone, 1½ ft. high, 2 ft. base alongside, chiseled, K-1-3266. The ¼ sec. cor. between secs. 5 & 6, T. 21 N. R. 21 W. G. & S. R. M. (un-approved survey), bears S. 86° 17' W., 187.9 ft. U. S. L. M. No. 3264, bears S. 89° 40' W. 8565 ft. The old location Cor. bears west 5 ft. No other bearings available.
	Thence N. 67° 23' E.
1500.00	To cor. No. 2. Identical with location corner.
	A volcanic rock 24x10x6 ins., set 12 ins. in the ground, with a conical mound of stone, 1½ ft. high, 2 ft. base alongside, chiseled K-2-3266. No bearings available.
	Thence S. 22° 37' E.
300	To east end center monument. A volcanic stone, 24x12x8 ins. set 12 ins. in the ground, with a conical mound of stone 1½ ft. high, 2 ft. base alongside, chiseled K-E-E-C-3266.
533	Cross wagon road 10 ft. wide, bearing N. 80° E. & S. 80° W.
600	To cor. No. 3, identical with location corner.
	A volcanic rock 24x14x8 ins. set 12 ins. in the ground, with a conical mound of stone, 1½ ft. high, 2 ft. base alongside, chiseled K-3-3266. No bearings available.
	Thence S. 67° 23' W.
680	Cross wagon road 10 ft. wide, bearing N. 57° E. & S. 57° W.
1462	Cross wagon road 10 ft. wide, bearing N. 79° 15' W. & S. 79° 15' E.
1500	To cor. No. 4.
	A volcanic rock, 24x10x8 ins. set 12 ins. in the ground, with a conical mound of stone, 1½ ft. high, 2 ft. base alongside, chiseled, K-4-3266. The old location cor. bears S. 17' W. 125' ft. No bearings available.
	Thence N. 22° 37' W.
25	Cross wagon road 10 ft. wide, bearing N. 79° 15' W. & S. 79° 15' E.
180	Low gravelly ridge bearing E. & W.
230	Wash 3 ft. wide, bearing W.

Feet Survey No. 3266, Katherine Lode, continued.

300 To W.E.C. monument. A volcanic stone 30x12x12 ins. set 12 ins. in the ground, with a conical mound of stone 1½ ft. high, 2 ft. base alongside, chiseled, K-W-E-C-3266.

359 Cross wagon road 10 ft. wide, bearing N. 70° E. & S. 70° W.

465 Foot of mesa bearing E. & W.

600 To cor. No. 1., the place of beginning.

Variation at all corners, 15° E.

LODE LINE.

As near as can be determined from present developments, the vein embraced in this claim extends as follows from the discovery point: N. 67° 23' E. 750 ft. & S. 67° 23' W. 750 ft.

AREA.

	Acres.
Total area Katherine Lode	20.661

LOCATION.

This survey is located in the S. ½ of the N.W. ¼, and the N. ½ of the S.W. ¼ of sec. 5, T. 21 N. R. 21 W. G. & S. R. M. (un-approved survey).

EXPENDITURE OF FIVE HUNDRED DOLLARS.

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

No. 1. The discovery cut, of the Katherine Lode, the south edge of which being the discovery point, is on the lode line 750 ft. from ~~line 2-3, 300 ft. from cor. No. 2,~~ ^{the E. E. C.} 10 ft. wide, 25 ft. deep, bearing S. 67° 23' W. 25 ft. & N. 67° 23' E. 55 ft.

Value of cut \$ 5000.00

No. 2-A cross cut, the center of which is on the center line, 464 ft. from line 2-3, 300 ft. from cor. No. 2, 4 ft. wide, 6 ft. deep, bearing S. 22° 37' E. 10 ft., and N. 22° 37' W. 10 ft.

Value of cut, \$ 25.00

No. 3-A tunnel. the face of which is on the center line, 454 ft. from line 2-3, 300 ft. from cor. No. 2, 4x6 ft. running N. 20 ft. to mouth.

Value of tunnel \$ 200.00

Sur.No.3266 Katherine Lode-continued.

No.4-A shaft on the center line,445 ft.from line 2-3,300 ft. from cor.No.2,4x6 ft.6 ft.deep.

Value of shaft, \$ 20.00

No.5-Working shaft,the center of which bears from a point on the center line,750 ft.from E.E.C. ~~3,300 ft.from cor.No.2,~~ S.27° 30' E.45 ft.4x8 ft.400 ft.deep.

Value of shaft, \$12000.00

OTHER IMPROVEMENTS.

A hoist building,the N.W.corner of which,bears from a point on the center line,750 ft.from line 2-3,300 ft.from cor.No.2, S.37° 15' E.35 ft.,12x48 ft.,course of long side,N.15° 45' E.

INSTRUMENT.

This survey was made with a Lietz Mining Transit,No.460. The courses were deflected from the true meridian,as determined from astronomical observations. The distances were measured with 50 ft.and 200 ft.steel tapes.

MERIDIAN.

Jan.24,1916,I wish to observe Polaris at western elongation.

My latitude,U.S.G.S. is 35° 15' N.

From Table 5,U.C.Feb.I.	H.	M.
Reduction to Jan.24	4	47
Time to add until elongation		31.6
	5	55
Time of western elongation	II	13.6

About 10 30 P.M.,I commence observing the western progress of Polaris; When the star begins to recede,I mark the maximum position in azimuth upon the ground.

From Table 4 the corresponding azimuth is found to be I°-24'.

Jan.25,I lay off the meridian I°-24' to the east of the line of observation.

REPORT.

The lode line of this location was run directly upon the ground,and the several corners established by means of offsets from the lode line.All tie lines were run either directly upon the ground,or by traverses run upon the ground and submitted in a separate report herewith.

Survey No. 3266, Katherine Lode, continued.

The $\frac{1}{4}$ sec. cor. to sec. 5, T. 21 N. R. 21 W. G. & S. R. M. is an iron pipe one inch in diam. 18 ins. above ground, with brass top, stamped $\frac{1}{4}$ S.S. 5 on the E., and S. 6 on the W. of a line N. & S., with a mound of stone 3 ft. high, 2 ft. base alongside.

The location corners were rock mounds, 3 ft. high, 4 ft. base, with pieces of wood, written upon designating the respective corners. ~~The evidence of the end center or side center monuments could be found.~~ The U.S.L.M. is a natural rock in place of a granitic nature or texture, 20 ft. square at the base, 2 ft. square at the top, and 25 ft. high. It is widely known as the Pyramid, standing on the right bank of Sheep Trail Wash and the left bank of the Colorado River in latitude $35^{\circ} 15' N.$ chiseled U.S.L.M. No. 3264, with cross for exact center point.

As it was at least 40 miles to any place where the assistants could be sworn, I took their affidavits upon the ground.

O. M. Enslow

U.S. Mineral Surveyor.

FINAL OATHS FOR SURVEYS.

LIST OF NAMES.

A list of the names of the individuals employed by O.M. Enslow

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

New Constock Mining Company

known as the Katherine Lode

and showing the respective capacities in which they acted.

W.C. Howard , *Chainman.*

Chas. P. Sherman , *Chainman.*

..... , *Arman.*

..... , *Flagman.*

FINAL OATHS OF ASSISTANTS.

We, W.C. Howard,

and Chas. P. Sherman

..... , do solemnly swear that we assisted

O.M. Enslow

..... , United States ~~Deputy~~ Mineral Surveyor, in marking the corners and surveying

the boundaries of the mining claim of New Constock Mining Company

known as the Katherine 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

W.C. Howard , *Chainman.*

Chas. P. Sherman , *Chainman.*

..... , *Arman.*

..... , *Flagman.*

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

day of January 1916. , 190.....

O.M. Enslow
U.S. Mineral Surveyor

(4-686.)

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

I, O. M. Enslow, U. S. ~~Deputy~~ Mineral Surveyor, do solemnly swear that, in pursuance of instructions received from the United States Surveyor General for Arizona, dated Jan. 22, 1916, 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 New Comstock Mining Company, known as the Katherine lode, situate in San Francisco Mining District, Mohave County, Arizona, in Section 5, Township No. 21 N., Range No. 21 W. G. & S. R. M. (un-approved survey) and designated as Survey No. 3266, 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.

O. M. Enslow

U. S. ~~Deputy~~ Mineral Surveyor.

Subscribed and sworn to by the said O. M. Enslow

U. S. ~~Deputy~~ Mineral Surveyor, before me

a Notary Public

this

22

day of Feb. 1916

E. Elmer Ballinger
Notary Public.

my Comm. Expires 7/15/19

NOTICE OF MINING LOCATION

QUARTZ CLAIM

To All Whom It May Concern:

This Mining Claim, the name of which is the Katherine 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 S. C. Bagg a citizen of the United States,

the undersigned, on the 16th day of September 1900.

The length of this claim is 1500 feet, and I claim 750 feet in a South westerly direction and 750 feet in a North Easterly 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 East to the South west

The claim is situated and located in the San Francisco Mining District, in Mohave County, in the Territory of Arizona, about 1 3/4 miles in a Easterly direction from the Sheeptrail Mill and Pyramid, on the Colorado river. The southwest end of this claim is crossed by the stage road leading to the mill.

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

A Monument of stones

at a point in a North Easterly direction 750 feet from the discovery shaft (at which this notice is posted), being in the center of the North East end line of said claim; thence North westerly ³⁰⁰ feet to a monument of stones being the North west corner of said claim; thence South West 750 feet to a monument of stones at the center of the North West side line of said claim; thence South west 750 feet to a Monument of stones being at the South west corner of said claim; thence South East 300 feet to a Monument of stones at the center of the S. W. end of said claim; thence South Easterly 300 feet to a Monument of stones being at the South East corner of said claim; thence North East 750 feet to a Monument of stones being at the center of the South East side line of said claim; thence North East 750 feet to a monument of stones at the N. East corner of said claim; thence North westerly 300 feet to the place of 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 Concerning Mines," approved March 20, 1895. and Amended March 2 - 1899.

Dated and posted on the ground, this 16th day of September 1900.

Witness S. C. Bagg

J. S. Bagg.



Filed and recorded at request of J. S. Bagg, Dec 5th ~~thxxx~~ ~~xtax~~

A. D. 1900, at 9 o'clock - - - A. M.

Book 0 at page 625.

Jno P. Feeny

County Recorder.

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

Department of the Interior,

OFFICE OF U. S. SURVEYOR-GENERAL,

Phoenix, Arizona,

July 1, 1916

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 NEW COMSTOCK MINING COMPANY
known as the KATHERINE LODGE
situate in SAN FRANCISCO
Mining District, MOHAVE County, ARIZONA
in Section 5, Township No. 21 N., Range No. 21 W., unapp'd., and
designated as Survey No. 3266, 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 improve-
ments made upon said mining claim by claimant or its grantors, and that said improvements
consist of 1 cut, 1 crosscut, 1 tunnel and 2 shafts, total value
\$17245.

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,

July 1, 1916

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

NEW COMSTOCK MINING COMPANY

, known as the

KATHERINE LODE

situate in SAN FRANCISCO mining district,

MOHAVE County, ARIZONA.

in Section 5, Township No. 21 N., Range No. 21 W. unapp'd.

, designated as Survey No. 3266

executed by O. M. Enslow, U. S. Deputy Mineral

Surveyor, January 25, 1916, under my instructions dated

January 22, 1916, 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 O. Frost

U. S. Surveyor-General for Arizona.