

MINERAL SURVEY No. 3805Arizona

Land District,

## FIELD NOTES

OF THE SURVEY OF THE MINING CLAIM OF

Katherine Russell Mining Company

KNOWN AS THE

Queen Catherine & Baby Katherine lodesSan Francisco

Mining District,

MohaveCounty, ArizonaSection 293  
34 & 35, Township T21N  
T22N, Range R21W  
R21WSurveyed under instructions dated Sept 9, 1921by Richard L. Merritt  
U. S. Mineral Surveyor.Claim located See Location Notices 19Survey commenced Sept 13, 1921Survey completed Sept 15, 1921Address of claimant L. O. Tucker, Agent 412 Fleming Bldg  
Phoenix Arizona

DATES OF AMENDED LOCATIONS.

See location Notices



Mineral Survey <sup>No.</sup> 3805.

Feet.	Queen Catherine lode
	Beginning at Cor. No 1 a 4x4in. x 3 ft. post set 18 in. the ground, a mound of stones 3x3 ft. along side, scribed <i>Nail in top at exact point.</i> & 3, 1-Q C-3805. The Closing Cor. Secs 2, T 21 N, R 21 W brs. S43°58'W 293.2 ft. The S.E. Cor. Gold Chain No 5 lode uns. brs. S4°35'W 139.45'. The Loc. Mon, a mound of stones 3x3 ft., brs N84°07'E 60.ft. No bearings available
	Thence S6°25'E Va. 14°E
37.02	Intersect east side line of Gold chain No 5 lode, uns. at N8°30'E 103.35 ft' from the S.E. Cor.
118.4	To the E.C.E mound of stones 3x3 ft, identical with the Loc. Mon.
212.36	Intersect Township line bet. T21N, R21W & T22N, R21W, at 492.60 ft. to the 5th Cor. Secs. 34 & 35, T. 22 N., R. 21 W, West 227.28 ft to the Closing Cor. sec. 2, T21N, R21W & East 2147.4 ft. to the S. 1/4. Cor. Sec. 35 T22N, R21W.
418.40	To Cor. No 2, iden. with the loc. and with Cor. No 1 Baby Katherine lode of this survey, a 4x4in. x. 3ft. post, Set 18 ins. in the ground, with mound of stones alongside, scribed 2 Q C, 1 B K-3805, Nail in top at exact point. Loc. Mon. a mound of stones 3x3 ft. No bearings available.
	Thence S77°02'W Va. 14°E.
256.79	Intersect sec. line between Secs. 2 & 3 T21N, R21W, at N00°01'W 262.38 ft to the Closing Cor. & S00°01E 3395.34 ft to the 1/4 Cor.
691.61	Intersect the east side line of Gold Spar No 2 lode, uns., at S3°41'W 462.97 ft from the N.E. Cor.
1310.42	Intersect west side line Gold Spar No 2 lode uns. at S3°54'10"W. 710.62 ft from the N.W. Cor.
1472.40	To Cor. No 3 iden. with the Loc. and with Cor No 4 Baby Katherine lode of this Survey a 4x4in. x3ft. post set 18 ins. in the ground with mound of stones alongside, scribed 3 Q. C, 4 B K -3805. Nail in top at exact point. No bearings available Loc. Cor a mound of stones 3x3 ft.

-----



Feet	
300.00	Thence N6°25'W Va.14°E To the W.C.E. a mound of stones 3x3 ft.
538.52	Intersect township line between T21N,R21W & T22N,R21W at <del>West</del> <sup>East</sup> 979.43 ft from the <del>Std. Cor.</del> <sup>34 &amp;</sup> Secs 35 T22N,R21W & <del>east</del> <sup>West</sup> 1405.81 ft. from the <del>1/4</del> <sup>1/4</sup> Cor on the <del>north</del> <sup>South</sup> line Sec 34 T22N,R21W.
600.00	To Cor.No.4 a4x4in. x3ft.post set 18 ins. in the ground with mound of stones alongside, scribedd 4 Q C -3805. Loc. Cor. a mound of stones 3x3 ft brs.N85°30'W 233 ft. No bearings available.
266.37	Thence N84°07'E Va.14°E Intersect west side line Gold Spar No.2 lode unsurveyed 122.08 ft. at S3°54'10"W from the N.W.Cor.
696.74	Intersect north end line Gold Spar No 2 lode unsurveyed at N79°31'W 167.38 ft from the N.E.Cor, & S.E. Cor respectively <i>and south end line Gold Chain No.4</i>
869.43	Intersect East. side. line. Gold Chain No 4 lode uns. at. N8°30'E 48.69. ft from the S.E.Cor., iden. With the N.E. Cor. Gold Spar No 2 lode, unsurveyed.
970.60	Intersect south end line Gold Chain No 5 lode uns. at N79°31'W 486.65 ft. from the S.E.Cor.
991.48	Intersect Sec. line between secs. 34 & 35 T22N, R21W at S00°01'E 162.72 ft. to the Sec. Cor. and N00°01'W 2477.28' to the 1/4 Cor.
1462.86	To Cor. No.1 the place of beginning. Baby Katherine lode
	Beginning at Cor. No 1 identical with the lod. and with Cor. No 2 Queen Catherine lode of this survey hereinbefore described. Whence the N.W.Cor Sec. 2 T21N,R21W brs. N50°43'W 323.4 ft.
300.00	Thence S6°25'E Va. 14°E To the E.C.E a mound of stones 3x3 ft. iden. with Loc.
600.00	To Cor No 2, identical with the Loc., a post 4x4in x3ft. set 18 ins. in the ground, with mound of stones, scribed



Feet

380. 2 B K -3805. No bearings available. Loc. Cor a mound of stones 3x3 ft. Nail in top at exact point.

-----  
Thence S77°02'W Va. 14°E

325.42 Intersect Sec. Line between Secs. 2 & 3 T21N,R21W at N00°01'W 874.02 ft <sup>to</sup> from the sec. Cor. & S00°01'E 2783.7 ft <sup>to</sup> from the  $\frac{1}{4}$  Cor.

801.49 Intersect east side line Gold Spar No 2 lode uns. at S3°41'W 1085.14' from the N.E.Cor.

1422.73 Intersect west side line Gold Spar No 2 lode, uns., at S3°54'10"W. 1333.51 ft. from the N.W.Cor.

1472.40 To Cor. No 3 identical with the loc., a post 4x4 ins.x 3 ft. set 18 ins. in the ground with mound of stones scribed 3 B K-3805. No bearings, <sup>available.</sup> Loc. Cor. a mound of stones, 3x3 ft.

-----  
Thence N6°25'W Va. 14°E

300.0 To the W.C.E, a mound of stones 3x3 ft, identical with the location.

600.0 To Cor. No 4 iden. with the loc, and with Cor. No 3 Queen Catherine lode of this survey hereinbefore described.

-----  
Thence N77°02'E Va. 14°E

161.98 Intersect West side line Gold Spar No 2 lode uns. at S3°54'10"W. 710.62<sup>ft.</sup> from the N.W.Cor.

780.79 Intersect east side line Gold Spar No 2 lode uns. at S3°41'W 462.97 ft. from the N.E.Cor.

1215.61 Intersect sec. line Bet. secs. 2 & 3 T21N,R21W at N00°01'W <sup>262.38'</sup> to Sec. Cor and S00°01'E 3395.34<sup>ft.</sup> to the  $\frac{1}{4}$  Cor.

1472.40 To Cor No 1 the place of beginning.

Area

Acres

Total area Queen Catherine lode ----- 17.099

Area in Conflict with Gold Spar <sup>No.</sup> #2 lode

unsurveyed.----- 7.372



Area in conflict with Gold Chain No 4 lode Acres  
 unsurveyed ----- .093 ✓

Area in conflict with Gold chain No 5 lode  
 unsurveyed ----- .786

Total Area Baby Katherine lode - -----20.149 ✓

Area in conflict with Gold Spar No 2 lode  
 unsurveyed ----- 8.485 ✓

#### Lode lines

As near as can be determined from the present  
 developments the veins of the several locations embraced  
 in this claim extend as follows from their respective  
 discovery points;

Queen Catherine lode N77°02'E 540 ft & S77°02'W 1932.4ft.

Baby Katherine lode N77°02'E 130 ft & S77°02'W 1342.4ft.

#### Location

This claim is located in the San Francisco mining  
 district in Sections 2 & 3 T21N, R21W & Secs. 34 & 35 T22N,  
 R21W.

Expenditure of five hundred dollars.

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

Queen Catherine lode.

No 1, the discovery shaft which is on the lode line  
 540.0 ft. from the E.C.E. 4x6x8 ft. Value \$50.00

No 2, a tunnel the mouth of which bears N73°30'W 170.ft.  
 from Cor. No 2, 4x6x30 ft, course N16°E Value \$300.00

1/2 the value shaft No.2 Baby Katherine lode, a  
 common improvement, is credited to this lode. \$500.00

Total value improvements credited this lode \$850.00

Baby Katherine lode

No 1 the discovery shaft which is on the lode line 130'  
 from the E.C.E. 4x6x8 ft Value \$50.00



No. 2, a shaft which brs. N76°30' W 130.0 ft from the E.C.E. 5x7x50 ft, timbered, value \$1000.00 this shaft is a common improvement and 1/2 its value \$500.00 is credited to this lode.

Total value of improvements credited this lode \$550.00

-----

#### Adjoining claims

This claim is bounded on the North by Jack Rabbit, Gold Spar No 2, Gold Chain No 4, Gold Chain No 5 lodes all unsurveyed.

On the East by Gold Chain Annex, Mille, Sister lodes, uns. On the South by Gold Eagle, Gold Spar No. 2 lodes, uns.

On the west by Eileen, Aladdin, lodes uns.

Claimant of bounding claims is as follows;

Gold Spar No2, Gold Chain No. 4, Gold Chain No. 5, the Gold Chain Mining company.

Jack Rabbit & Gold Eagle, claimant unknown.

Aladdin, Eileen, Sister & Mille, Katherine Russell Mining Company.

Gold Chain Annex, Gold Chain Annex Mining Co.

#### Report.

The lode lines of each location of this claim were run direct upon the ground and the several corners were established by means of offsets therefrom. All tie lines were run direct upon the ground.

All corners of conflicting claims are 4x4in.4 ft. Red wood posts. The Corners of this survey are pine posts. Section and 1/4 Cors. are iron pipes properly marked.

Improvement No.2 on the Baby Katherine lode is so located that by drifting and cross cutting the entire group will be developed.

-----

#### Instrument

This survey was made with a light mountain Gurley Transit. The courses were deflected from the meridian as determined by direct solar observations. The distances were measured with 500 ft. & 50 ft. Steel tapes

Richard L. Merrill



# FINAL OATHS FOR SURVEYS.

## LIST OF NAMES.

A list of the names of the individuals employed by Richard L. 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  
Katherine Russell Mining Company  
 known as the Queen Catherine & Baby Katherine lodes  
 and showing the respective capacities in which they acted.

W A Merritt, Chainman.  
 \_\_\_\_\_, Chainman.  
 \_\_\_\_\_, Axman.  
 \_\_\_\_\_, Flagman.

## FINAL OATHS OF ASSISTANTS.

I  
 We, W A Merritt  
 and \_\_\_\_\_, do solemnly swear that I assisted Richard  
L. Merritt, United States Mineral Surveyor, in marking the corners and surveying  
 the boundaries of the mining claim of Katherine Russell  
Mining Company  
 known as the Queen Catherine & Baby Katherine 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.

\_\_\_\_\_, Chainman.  
W A Merritt, Chainman.  
 \_\_\_\_\_, Axman.  
 \_\_\_\_\_, Flagman.

Subscribed and sworn to by the above-named persons before me this 15th.  
 day of October A. D., \_\_\_\_\_, 19 21.

E. M. Swiggins  
 NOTARY PUBLIC





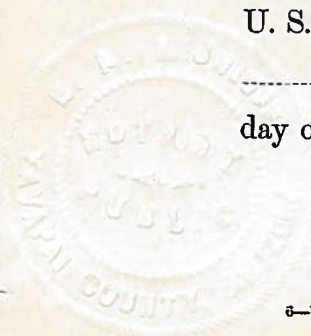
FINAL OATH OF U. S. MINERAL SURVEYOR.

I, Richard L. Merritt, U. S. Mineral Surveyor,  
do solemnly swear that, in pursuance of instructions received from the United States  
Surveyor General for Arizona, dated  
Sept 9-1921, 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 Russell Mining Company  
, known as the  
Queen Katherine & Baby Katherine lodes,  
situate in San Francisco Mining District,  
Mohave County, Arizona, in Section  
2 + 3, Township No. 21 N, Range No. 21 W  
34 & 35, Township No. 22 N, Range No. 21 W  
and designated as Survey No. 3805, 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.

Richard L. Merritt  
U. S. Mineral Surveyor.

Subscribed and sworn to by the said Richard L. Merritt,  
U. S. Mineral Surveyor, before me E. A. MCSWIGGIN, a Notary Public,  
this 15th.  
day of October A. D., 1921.

E. A. McSwiggin  
NOTARY PUBLIC.





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

DEPARTMENT OF THE INTERIOR,  
OFFICE OF U. S. SURVEYOR GENERAL,

Phoenix, Arizona,

January 16, 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 Russell Mining Company

, known as the QUEEN CATHERINE and BABY KATHERINE Lodes

, situate in San Francisco

Mining District, Mohave County,

Arizona, in Sections 2 and 3, Township No. 21 N.

21 W.,

Range No. 21 W., and designated as Survey

No. 3805, 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 3 shafts and 1 tunnel, total value  
\$1400.00

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.



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.

January 16, 19 22

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 Russell Mining Company

, known as the

QUEEN CATHERINE and BABY KATHERINE Lodes

situate in San Francisco mining district,

Mohave County, Arizona

in Section ~~2 and 3~~ <sup>2 and 3</sup> ~~34 and 35~~, Township No. <sup>21 N.</sup> ~~22 N.~~, Range No. <sup>21 W.</sup> ~~21 W.~~

, designated as Survey No. 3805

executed by Richard L. Merritt, U. S. Mineral

Surveyor, September 13-15, 19 21, under my instructions dated

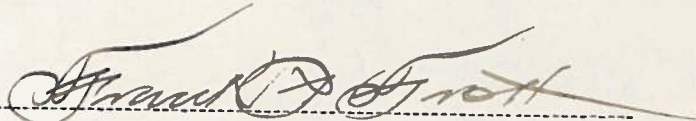
September 9, 1921, have been critically examined and the necessary cor-

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.