

MINERAL SURVEY No. 3814

ARIZONA

Land District.

FIELD NOTES

OF THE SURVEY OF THE MINING CLAIM OF

Katherine Extension Mining Co.

617 Pacific Building, San Francisco, Cal.

KNOWN AS THE

Kit. Little Johnie, Katherine View No. 1, Katherine View No. 2, Katherine View No. 3, Katherine View Frac. #1, Katherine View Frac. #2 and Katherine View Frac. #3^{lodes} San Francisco Mining District,

Mohave County, Arizona

Section 4 & 5, Township 21 North, Range 21 West

Surveyed under instructions dated Nov. 1st, 19 21

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

Claim located see next page location notices, 19

Survey commenced Jan. 15, 19 22

Survey completed March 1st, 19 22

Address of claimant 617 Pacific Building San Francisco, California

DATES OF AMENDED LOCATIONS.

none

Date of location.

Katherine View No. 2	located	Feb. 25	1918
Katherine View No. 1	"	Feb. 25	1918
Katherine View No. 3	"	May 20	1918
Katherine View Frac. #1	"	July 22	1919
Katherine View Frac. #2	"	July 22	1919
Katherine View Frac. #3	"	July 22	1919
Kit	"	Sept. 23	1920
Little Johnie	"	April 10	1919

MINERAL SURVEY NO. 3814

Claims	M & B Desc.	Improvements	Loc. Notices
		pg. 12	Red Pg. 3
Katherine View No. 1	pg. 2	12	4
" " No. 2	3	12	5
" " 3	4	12	6
Katherine View Frac. #1	8	13	7
" " " #2	6	12	8
" " " #3	5	12	1
Kit	1	12	2
Little Johnie	9	13	

MINERAL SURVEY NO. 3814

feet

Kit 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 K-1-3814.

Identical with Cor. No. 1, Little Johnnie lode, this survey.

The 1/4 corner between sections 4 & 5, ^{T. 21 N., R. 21 W.} bears S. 28° 07' E. 218.88 ft.

Thence S. 74° 06' W.

I499.70 To Cor. No. 2.

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 K-2-3814.

Thence N. 22° 16' W.

300.00 To the west end center post of the location.

450.00 Cross road running N. 68° E.

544.00 To Cor. No. 3, Princess Katherine lode, Sur. No. 3638A.

600.00 To Cor. No. 3.

A pine 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 K-3-3814.

Identical with Cor. No. 2, Katherine View No. 1 lode this survey.

Thence N. 74° 06' E.

~~I420.00~~ 19.70 Cross road, running N. 63° E.

I499.70 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, K-4-3814.

Identical with Cors. No. I-I-²/₄, Katherine View Frac. #1, Katherine View No. 1 and Little Johnnie lodes, this survey, respectively.

MINERAL SURVEY No. 38I4

feet Kit lode, cont.,
 Thence S. 22° 16' E.
 300.00 To the east end center post of the location.
 600.00 To Cor. No. 1, the place of beginning.
 All corners are identical with the location.
 No bearing objects available.
 Variation, ^{at} all corners, 15° 30' E.

 Katherine View No. 1 lode
 Beginning ^{at} Cor. No. 1.
 A redwood post, previously described, scribed KV-1-1-38I4.
 Identical with Cors. No. 1-2-4, Katherine View Frac. #1, Little Johnie and Kit lodes, this survey, respectively.
 The I/4 corner between sections 4 & 5 ^{T. 21 N., R. 21 W.} bears S. 23° 50' E. 818.05 ft.
 Thence S. 74° 06' W.
 80.00 Cross road running N. 63° E.
 1499.70 To Cor. No. 2.
 A redwood post, previously described, scribed KV-1-2-38I4.
 Identical with Cor. No. 3, Kit lode, this survey.
 Thence N. 22° 16' W.
 300.00 To the west end center post of the location.
 544.00 To Cor. No. 2 and 4, Princess Katherine lode and Katherine Ext. No. 2 lode, Sur. No. 3638A, respectively.
 600.00 To Cor. No. 3.
 A pine 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 KV-1-3-38I4.
 Identical with Cor. No. 2, Katherine View No. 2 lode, this survey.
 Thence N. 74° 06' E.
 1499.70 To Cor. No. 4.

MINERAL SURVEY NO. 3814

feet

Katherine View No. 1 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 KV-1-4-3814.

Identical with Cors. No. 1, I and 2, Katherine View No. 2, Katherine View Frac. ~~No.~~[#]2 and Katherine View Frac. ~~No.~~[#]1 lodes, this survey, respectively.

Thence S. 22° 16 E.

300.00 To the east end center post of the location.

590.00 Cross road running N. 74° E.

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

All corners are identical with the location.

Variation, ^{at} all corners, 15° 30' E.

No bearing objects available.

Katherine View No. 2 lode

Beginning ^{at} Cor. No. 1.

A redwood post, previously described, scribed KV-2-1-3814.

The 1/4 corner between sections 4 and 5, ^{T. 21N., R. 21W.} bears S. 23° 10' E. 1417.92 ft.

Identical with Cors. No. 1, 2 and 4, Katherine View Frac. ~~No.~~[#]2, Katherine View Frac. ~~No.~~[#]1 and Katherine View No. 1 lodes, this survey, respectively.

Thence S. 74° 06' W.

I499.70 To Cor. No. 2.

A redwood post, previously described, scribed KV-2-2-3814.

Identical with Cor. No. 3, Katherine View No. 1 lode, this survey.

Thence N. 22° 16' W.

290.00 To the west end center post of the location.

524.00 To Cor. No. 3 and 4, Katherine Ext. No. 2 and Howard lodes, Survey No. 3638A, respectively.

590.00 To Cor. No. 3.

MINERAL SURVEY NO. 3814.

feet	<p>Katherine View No. 2 lode, cont.,</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 KV-2-3-3814.</p> <p>Identical with Cor. No. 3, Katherine View No. 3 lode, this survey.</p> <p>Thence N. 73° 43' E.</p>
1498.63	<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 KV-2-4-3814.</p> <p>Identical with Cors. No. 2, 3 and 2, Katherine View No. 3, Katherine View Frac. No. 3 and Katherine View Frac. No. 2 lodes, this survey, respectively.</p> <p>Thence S. 22° 16' E.</p>
300.00	<p>To the east end center post of the location.</p>
600.00	<p>To Cor. No. 1, the place of beginning.</p> <p>All corners are identical with the location.</p> <p>Variation, ^{at} all corners, 15° 30' E.</p> <p>No bearing objects available.</p>
	<p>*****</p>
	<p>Katherine View No. 3 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 KV-3-1-3814.</p> <p>The ^{closing} corner of sections 4 and 5 bears N. 38° 39' 30" ^{T. 21 N., R. 21 W.} E. 1629.68 ft.</p> <p>Thence S. 22° 16' E.</p>
300.00	<p>To the east end center post of the location.</p>
590.00	<p>To Cor. No. 2.</p> <p>A redwood post, previously described, scribed KV-3-2-3814.</p> <p>Identical with Cors. No. 3, 2 and 4, Katherine View Frac. No. 3, Katherine View Frac. No. 2 and</p>

MINERAL SURVEY NO. 3814.

feet Katherine View No. 3 lode, cont.,

Katherine View No. 2 lodes, respectively, *this survey*

Thence S. 73° 43' W.

I498.63 To Cor. No. 3.

A redwood post, previously described, scribed KV-3-3-3814.

Identical with Cor. No. 3 Katherine View No. 2 lode, this survey.

Thence N. 22° 16' W.

300.00 To the west end center post of the location.

534.00 To Cor. No. 3, Howard lode, Sur. No. 3638A.

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 KV-3-4-3814.

Thence N. 74° 06' E.

I499.70 To Cor. No. 1, the place of beginning.

All corners are identical with the location.

No bearing objects available.

Variation, ^{at} all corners, 15° 30' E.

* * * * *

Katherine View Frac. ~~3~~ ³

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, KVF-3-1-3814.

^{closing} The corner of sections 4 and 5 bears N. 13° 03' E. I079.87 ft.

Thence S. 22° 16' E.

300.00 To the east end center post of the location.

590.00 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 KVF-3-2-3814.

MINERAL SURVEY NO. 3814.

feet · Katherine View Frac ~~No. 2~~ ^{No. 3} lode, cont.,
 Identical with Cor. No. 3, Katherine View Frac.
~~No. 2~~ ^{No. 3} lode, this survey.

Thence S. 74° 06' W.

805.07 To Cor. No. 3.

A redwood post, previously described, scribed
 KVF-3-3-3814.

Identical with Cors. No. 2, 4 and 2, Katherine
 View Frac. ~~No. 2~~ ^{No. 3}, Katherine View No. 2 and Katherine View
 No. 3 lode, this survey, respectively.

Thence N. 22° 16' W.

290.00 To the west end center post of the location.

590.00 To Cor. No. 4.

A redwood post, previously described, scribed
 KVF-3-4-3814.

Identical with Cor. No. 1, Katherine View ~~No. 3~~
 lode, this survey.

Thence N. 74° 06' E.

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

All corners are identical with the location.

No bearing objects available.

Variation, ^{at} all corners, 15° 30' E.

* * * * *

Katherine View Frac. ~~No. 1~~ ^{No. 2} lode.

Beginning ^{at} Cor. No. 1.

A redwood post, previously described, scribed
 KVF-2-1-3814.

Identical with Cors. No. 2, 4 and 1, Katherine
 View Frac. ~~No. 1~~ ^{No. 2}, Katherine View No. 1 and Katherine View
 No. 2 lodes, this survey, respectively.

The 1/4 corner between sections 4 and 5, bears
 S. 23° 10' E. 1417.92 ft.

Thence N. 22° 16' W.

300.00 To the west end center post of the location.

T. 21 N., R. 21 W.

MINERAL SURVEY NO. 3814

feet Katherine View Frac. ~~No.~~^{No.} 2 lode, cont.,
 600.00 To Cor. No. 2.
 A redwood post, previously described, scribed
 KVF-2-2-3814.
 Identical with Cors. No. 4, 2 and 3, Katherine
 View ~~No.~~^{No.} 2, Katherine View ~~No.~~^{No.} 3 and Katherine View Frac.
~~No.~~^{No.} 3 lodes, this survey, respectively.
 Thence N. 74° 06' E.
 805.07 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 KVF-2-3-3814.
 Identical with Cor. No. 2, Katherine View Frac. #3 ~~lode~~
 this survey.
 Thence S. 22° 16' E.
 42.51 Intersect line between sections 4 and 5 at S. 0°
 08' 40" W. 1637.34 ft. and N. 0° 08' 40" E. 2040.04 ft.
 from the ^{closing} corner of sections 4 and 5 and the 1/4 corner
 between sections 4 and 5, respectively.
 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 KVF-2-4-3814.
 Identical with Cor. No. 3, Katherine View Frac.
 #1, ^{lode} this survey.
 Thence S. 74° 06' W.
 221.17 Intersect line between sections 4 and 5 at S. 0°
 08' 40" W. 2213.85 ft. and N. 0° 08' 40" E. 1463.53 ft.
 from the corner of sections 4 and 5 and the 1/4 corner
 between sections 4 and 5, respectively.
 805.07 To Cor. No. 1; the place of beginning.
 All corners are identical with the location.
 Variation, ^{at} All corners, 15° 30' E.
 No bearing objects available.

MINERAL SURVEY NO. 3814

feet

Katherine View Frac. #1 lode.

Beginning ^{at} Cor. No. 1.A redwood post, previously described, scribed
KVF-1-3814.Identical with Cors. No. 1, 4 and 2, Katherine
View No. 1, Kit and Little Johnnie lode, this survey,
respectively.The 1/4 corner between sections 4 and 5, ^{T 21 N, R. 21 W.} bears S.
23° 50' E. 818.05 ft.10.00 Thence N. 22° 16' W.
300.00 Cross road running N. 74° E.
To the west end center post of the location.

600.00 To Cor. No. 2.

A redwood post, previously described, scribed
KVF-1-2-3814.Identical with Cors. No. 4, I and I, Katherine
View No. 1, Katherine View No. 2 and Katherine View Frac.
#2, ^{lodes} this survey, respectively.

Thence N. 74° 06' E.

583.90 Intersect line between sections 4 and 5, at S. 0°
08' 40" W. 2213.85 ft. and N. 0° 08' 40" E. 1463.53 ft.
from the corner of sections 4 & 5 and the 1/4 corner between
respectively. (Secs. 4 & 5)

805.07 To Cor. No. 3.

A redwood post, previously described, scribed
KVF-1-3-3814.Identical with Cor. No. 4, Katherine View Frac. #2
lode, this survey.

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 KVF-1-4-3814.Identical with Cor. No. 3, Little Johnnie lode,
this survey.

MINERAL SURVEY NO. 3814.

feet Katherine View Frac. #1 lode, cont.,

Thence S. 74° 06' W.

459.20 Intersect line between sections 4 and 5 at S. 0° 08' 40" W. 2834.32 ft. and N. 0° 08' 40" E. 848.06 ft. from the ^{closing} corner of sections 4 and 5 and the 1/4 corner between sections 4 and 5, respectively.

545.07 Cross road running east.

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

All corners are identical with the location.

Variation, ^{at} all corners, 15° 30' E/

No bearing objects available.

Little Johnnie lode.

^{at} Beginning Cor. No. 1.

A redwood post, previously described, scribed LJ-1-3814.

Identical with Cor. No. 1, Kit lode, this survey.

T. 21 N., R. 21 W.

The 1/4 corner between sections 4 and 5, bears S. 28° 07' E. 218.88 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, previously described, scribed LJ-2-3814.

Identical with Cors. No. 4, I and I, Kit, Katherine View No. 1 and Katherine View Frac. #1. lodes, this survey respectively.

Thence N. 74° 06' E.

260.00 Cross road running east.

345.87 Intersect line between sections 4 and 5, at S. 0° 08' 40" W. 2834.32 ft. and N. 0° 08' 40" E. 848.06 ft. from the ^{closing} corner of sections 4 and 5 and the 1/4 corner between sections 4 and 5, respectively.

805.07 To Cor. No. 3.

MINERAL SURVEY NO. 3814

feet

Little Johnie lode, cont.,

A redwood post, previously described, scribed LJ-3-3814.

Identical with Cor. No. 4, Katherine View Frac. #1 lode, this survey.

Thence S. 22° 16' E.

116.00

Cross road running east.

300.00

To the east end center post of the location.

600.00

To Cor. No. 4.

A redwood post, 4ins. 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 LJ-4-3814.

Thence S. 74° 06' W.

697.23

Intersect line between sections 4 and 5, at S. 0° 08' 40" W. 3454.79 ft. and N. 0° 08' 40" E. 222.59 ft. from the ^{closing} corner of sections 4 and 5 and the 1/4 corner between sections 4 and 5, respectively.

805.07

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

All corners are identical with the location.

Variation, ^{at} all corners, 15° 30' E.

No bearing objects available.

LODE LINES.

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

Kit lode;

~~North~~ 74° 06' E. 10 ft. and S. 74° 06' W. 1489.70 ft. from the discovery shaft.

Katherine View No. 1 lode

N. 74° 06' E. 1409.70 ft. and S. 74° 06' W. 90 ft. from the discovery shaft.

Katherine View No. 2; lode

N. 73° 43' E. 1402.63 ^{ft} and S. 73° 43' W.

MINERAL SURVEY NO. 3814.

LODE LINES cont.,

96 ft. from the discovery shaft.

Katherine View ~~No.~~ 3 lode

N. 74° 06' E. 1219.70 ft. and S. 74° 06' W.

280 ft. from the discovery cut.

Katherine View Frac. #3; lode

N. 74° 06' E. 713.07 ft. and S. 74° 06' W.

92 ft. from the discovery shaft.

Katherine View Frac. #2; lode

N. 74° 06' E. 709.07 ft. and S. 74° 06' W.

96 ft. from the discovery shaft.

Katherine View Frac. #1; lode

N. 74° 06' E. 715.07 ft. and S. 74° 06' W.

90 ft. from the discovery shaft.

Little Johnnie; lode

N. 74° 06' E. 53 ft. and S. 74° 06' W.

752.07 ft. from the discovery shaft.

* * * * *

LOCATION.

This survey is located in the San Francisco Mining District, Mohave County, Arizona, in sections 4 and 5, T. 21 N. R. 21 W. G. & S. R. B. & M.

* * * * *

AREAS

Kit lode	-----	20.530	Acres
Katherine View No. 1 lode	-----	20.530	"
Katherine View No 2	"	20.359	"
Katherine View No. 3	"	20.359	"
Katherine View Frac. No. #3 lode	-----	10.837	"
Katherine View Frac. #2	Lode	11.021	"
Katherine View Frac. #1	"	11.021	"
Little Johnnie lode	-----	11.021	"

125.678

* * * * *

MINERAL SURVEY NO. 3814

IMPROVEMENTS

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 grantor is not less than five hundred dollars ^{upon or for each location} and consists of the following;

Kit. lode;

No. I. The discovery shaft, 4 ft. wide, 6 ft. long and 8 ft. deep, ^{on the lode line 10 ft. from the E.E.C.} Value ----- \$30.00

I/8 interest in the working shaft.

Value ----- \$2377.00

Katherine View No. 1 lode.

No. I. The discovery shaft, 4 ft. wide, 6 ft. long and 8 ft. deep, ^{on the lode line 90 ft. from the W.E.C.} Value ----- \$30.00

I/8 interest in the working shaft.

Value ----- \$2377.00

Katherine View No. 2 lode;

No. I. The discovery shaft, 4 ft. wide, 6 ft. long and 8 ft. deep, ^{on the lode line 96 ft. from the W.E.C.} Value ----- \$30.00

No. 2. The main working shaft, two compartment, ^{5 x 8 x 247 ft. deep} timbered, with a crosscut running N. 22° W. 106 ft. and crosscut running S 22° E. 770 ft. The center of the shaft at collar bears N. 43° E. 285 ft. from Cor. No. 2. Value \$19016

I/8 Value ----- \$2377.00

Katherine View No. 3. lode.

No. I. The discovery cut, 5 ft. wide, 10 ft. face and extending S. 16° E. 10 ft. to its mouth, ^{on the lode line 280 ft. from the W.E.C.} Value ----- \$30.00

I/8 ^{interest in the} value in working shaft ^{value} ----- \$2377.00

Katherine View Frac. #3. lode

No. I. The discovery shaft, 4 ft. wide, 6 ft. long and 8 ft. deep, ^{on the lode line 92 ft. from the W.E.C.} Value ----- \$30.00

I/8 ^{the} interest in working shaft ^{value} ----- \$2377.00

Katherine View Frac. #2. lode.

No. I. The discovery shaft, 4 ft. wide, 6 ft.

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Improvements, continued.

long and 8 ft. deep. *on the lode line 96 ft. from the W.E.C.* Value ----- \$30.00

I/8 interest in ^{the} working shaft *value* ----- \$2377.00

Katherine View Frac. #1. *lode.*

No. 1. The discovery shaft, 4 ft. wide, 6 ft. long *on the lode line 90 ft. from the W.E.C.* and 8 ft. deep, ----- Value ----- \$30.00

I/8 interest in ^{the} working shaft *value* ----- \$2377.00

Little Johnie lode .

No. 1. The discovery shaft, 4 ft. wide, 6 ft. long *on the lode line 53 ft. from the E.E.C.* and 8 ft. deep, ----- Value ----- \$30.00

I/8 interest in ^{the} working shaft *value* ----- \$2377.00

* * * * *

OTHER IMPROVEMENTS

Katherine View No. 2 lode.

~~No. 1.~~ A combination hoist and compressor house, 23 ft wide, 30 ft. long. Course of long side N. 64° 30' E. The southwest corner bears N. 24° E. 325 ft. from Cor. No. 2.

~~No. 2~~ - Blacksmith shop, 15 by 18 ft. Course of long side N. 64° 30' E. The southwest corner bears N. 12° 30' E. 271 ft. from Cor. No. 2.

~~No. 3.~~ Change house, 12 by 16 ft. Course of long side N. 64° 30' E. The southwest corner bears N. 29° 30' E. 368 ft. from Cor. No. 2.

* * * * *

INSTRUMENT & MERIDIAN.

This survey was made with a Berger & Sons mining transit and a 500 and 5 ft. tape.

The Meridian was determined by direct observation on the sun.

* * * * *

ADJOINING & CONFLICTING CLAIMS

This survey is joined on the west by the Howard, Katherine Ext. No. 2 and the Princess Katherine lodes, Sur. No. 3638A.

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On the north by the La Cadena No. I and the North Side lodes, unsurveyed, Claimant unknown.

On the east by the Katrina, Kitty, Kate and Little Johnie No. 2 lodes, unsurveyed, Claimant unknown.

South side is public domain.

REPORT

All lines were run direct on the ground.

The corners of Sur. No. 3638A tied to in this survey are 4" X 4" posts, properly marked and set.

The ^{closing} corner of sections 4 and 5 and the 1/4 corner between sections 4 and 5 ^{T. 21 N., R. 21 W.} are iron pipe, properly set and marked.

Improvement No. 2, Katherine View No. 2 lode, is the main working shaft, 5 X 8 ft. timbered, 247 ft. deep with a cross cut from the bottom running N. 22° W. 106 ft. and S. 22° E. 770 ft.

This shaft is in a position and to depth that will make it possible to prospect the other claims of this group by drifting and crosscutting and is valued as a common improvement. I value this work at \$19016.00 and proportion 1/8 of its value or \$2377.00 to each claim.

The difference between this survey and the location notices is due to error in the latter.

U. S. MINERAL SURVEYOR

KINGMAN, ARIZONA.

P. O. Box. No. 589.

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.,
Kit, Little Johnnie, Katherine Views No. 1, 2 and 3 Katherine View No. 2, Katherine View
known as the Katherine View Frac. #1, #2 and #3 lodes.

and showing the respective capacities in which they acted.

- _____ E. R. Rice _____, *Chainman.*
- _____ _____, *Chainman.*
- _____ _____, *Arman.*
- _____ _____, *Flagman.*

FINAL OATHS OF ASSISTANTS.

~~we~~ I, E. R. Rice

and XXXXXXXXXX, do solemnly swear that ~~we~~ I

Leon H. Foster, United States Mineral Surveyor, in marking the corners and surveying
the boundaries of the mining claim of the Katherine Extension Mining Co.,

Kit, Little Johnnie, Katherine View No. 1, Katherine View No. 2
known as the Katherine View No. 3, Katherine View Frac. #1, Katherine
View Frac. #2, and Katherine View Frac. #3, 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.*
- _____ XXXXXXXXXXXX _____, *Chainman.*
- _____ XXXXXXXXXXXX _____, *Arman.*
- _____ XXXXXXXXXXXX _____, *Flagman.*

Subscribed and sworn to by the above-named persons before me this 12th

day of April, 1922

My Commission Expires July 2, 1924

Louis L. Wallace
Notary Public
in and for Mohave County,
State of Arizona.

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., Kit, Little Johnie, Katherine View No. 1, Katherine View No. 2, Katherine View No. 3, Katherine View Frac. #1, Katherine View Frac. #2 and Katherine View Frac. #3 lodes situate in San Francisco Mining District, Mohave County, Arizona, in Section 4 & 5, Township No. 21 N., Range No. 21 W., G. & S. R. B. & M., and designated as Survey No. 3814, 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 Louis L. Wallace,
a notary public, this 15th
day of April, 1922

Louis L. Wallace
Notary Public
in and for Mohave County,
State of 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 24, 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 KIT, LITTLE JOHNNIE, KATHERINE VIEW NO.1, KATHERINE
VIEW NO. 2, KATHERINE VIEW #3, KATHERINE VIEW FRAC.#1, KATHERINE
VIEW FRAC.#2, and KATHERINE VIEW FRAC.#3 lodes
situate in San Francisco

Mining District, Mohave County,
Arizona, in Sections 4 & 5, Township No. 21 N,
Range No. 21 West, and designated as Survey

No. 3814, 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 for each of
or improvements made upon said mining claim by claimant or its grantors, and
that said improvements consist of 8 shafts, 2 crosscuts, and 1 cut,
total value \$19,256.

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.

May 24, 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 KIT, LITTLE JOHNNIE, KATHERINE VIEW NO.1, known as the KATHERINE VIEW NO.2, KATHERINE VIEW 3, KATHERINE VIEW FRAC.#1, KATHERINE VIEW FRAC.#2. and KATHERINE VIEW FRAC. #3 lodes

situate in San Francisco mining district, Mohave County, Arizona

in Sections 4 & 5, Township No. 21 N., Range No. 21 W., designated as Survey No. 3814

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

Surveyor, January 15 - March 1, 1922, under my instructions dated

November 1, 1922, 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.

Frank O. Frost

U. S. Surveyor General for Arizona.