

Blotted

AUG 8-1916

1

MAY 2 1916

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4-683.

Mineral Survey No. 3309

Lot No.

ARIZONA

Land District.

FIELD NOTES

OF THE SURVEY OF THE MINING CLAIM OF

BLACK RANGE MINING COMPANY

KNOWN AS THE

NETTIE, NETTIE No. 2, LADY SMITH, LADY SMITH No. 2 lodes.

SAN FRANCISCO

Mining District,

MOHAVE

County,

ARIZONA

10, 11, 14 & 15,

Sections Township

18 N.,

Range

20 W., unapp'd.

G. & S.R.

B. & M.

Surveyed under instructions dated JUNE 6th, 1916,

by EDWARD L. HAFF,

U. S. Deputy Mineral Surveyor

Claim located See Location Notices, 1

Survey commenced July 15th, 1916

Survey completed July 20th, 1916

6-169

ADDRESS OF CLAIMANT: BLACK RANGE MINING COMPANY,
D. P. Wright, Pres.,
Oatman, Arizona.

Handwritten scribbles at the bottom of the page.

Feet.N E T T I E L O D E .

BEGINNING at Corner No. 1.

Identical with Corner No. 1, Survey No. 2512, L. & R. lode. Black Range Mining Company claimant.

An andesite rock 12 x 14 x 14 ins., above ground, a mound of rock alongside, chiseled X on top for Corner point, L. & R. 1-2512, on south side, and N. 1-3309 on north side. Whence:-

U. S. L. M. 2512 bears S. 43° 31' E., 54.94 ft.

Corner No. 1 Survey No. 3282, ^{No. 3} Nellie lode, Nellie Mining Company claimant, bears N. 85° 52' E., 147.72 ft.

No bearing objects available.

Thence N. 25° 02' E.

103.45 Corner No. 1, Survey No. 3282, Bill Rush No. 1 lode, and intersect line 1-4 Survey No. 3282, Nellie No. 3 lode at N. 51° 16' W., 132.79 ft. from Corner No. 1.

300.00 West end center.

An andesite rock 12 x 12 x 32 ins., set 15 ins. in the ground, with mound of stone alongside, chiseled X on top for center point, and W. end C., N.-3309 on east side.

600.00 To Corner No. 2.

An andesite rock 8 x 10 x 30 ins., set 15 ins. in the ground, with mound of stone alongside, chiseled X on top for corner point, and N. 2-3309 on south side.

No bearing objects available.

Thence S. 64° 58' E.

109.32 Intersect line 1-4 Survey No. 3282, Bill Rush No. 1 lode, at N. 37° 27' E., 508.44 ft. from Corner No. 1.

1500.00 To Corner No. 3.

<u>Feet.</u>	On line 1-2 Nettie No. 2 lode of this Survey.
	<p>An andesite rock 8 x 14 x 25 ins., set 15 ins. in the ground, with mound of rock alongside, chiseled X on top for Corner point, and N. 3-3309 on south side. Whence:- The 1/4 Cor. between Secs. 10 & 11, unapproved T. 18 N., R. 20 W., G. & S. R. B. & M. bears N. 89° 33' E., 1699.90 ft.</p> <p>No bearing objects available.</p> <p>Thence S. 25° 02' W.</p>
184.00	West end center Nettie No. 2 lode of this Survey.
300.00	East end center.
	<p>An andesite rock 12 x 14 x 30 ins., set 15 ins. in the ground, with mound of rock alongside, chiseled X on top for center point, and E. end C.-N-3309 on west side.</p>
442.80	Corner No. 1 Nettie No. 2 lode of this Survey, and Cor. No. 1 Survey No. 2512, Golden Era lode.
600.00	To Corner No. 4.
	<p>Identical with Corner No. 2, Survey No. 2512, L. & R. lode.</p> <p>An andesite rock 14 x 16 x 13 ins., above ground, chiseled X on top for corner point, and L. & R. 2-2512 on south side and N. 4-3309 on north side.</p> <p>No bearing objects available.</p> <p>Thence N. 64° 58' W.</p>
1386.84	Intersect line 1-2 Survey No. 3282, Nellie No. 3 lode, at S. 37° 27' W., 73.70 ft. from Corner No. 1.
1500.00	To Corner No. 1, the place of beginning.

N E T T I E No. 2. L O D E .

BEGINNING AT Corner No. 1.

On line 3-4 Nettie lode of this Survey.

Identical with Corner No. 1, Survey No. 2512, Golden Era lode.

An andesite rock 14 x 14 x 14 ins., above ground, with mound of rock alongside, chiseled X on top for cor-

Feet.

ner point, and G.E. 1-2512 on south side, and N. 2-1-3309 on north side. Whence:-

U. S. L. M. 2512 bears N. $71^{\circ} 56' 30''$ W., 1459.68 ft.

No bearing objects available.

Thence N. $25^{\circ} 02'$ E.

142.80 East end center Nettie lode of this survey.

258.80 West end center.

An andesite rock 8 x 26 x 32 ins., set 15 ins. in the ground, with mound of rock alongside, chiseled X on top for center point, and W.E.C.- N. 2-3309 on east side.

442.80 Corner No. 3, Nettie lode of this Survey.

476.56 To Corner No. 2.

An andesite rock 12' x 15 x 32 ins., set 18 ins. in the ground, with mound of rock alongside, chiseled X on top for Corner point, and N. 2-2-3309 on south side.

No bearing objects available.

Thence S. $49^{\circ} 21'$ E.

1470.98 To Corner No. 3.

An andesite rock 8 x 14 x 25 ins., set 12 ins. in the ground, with mound of rock alongside, chiseled X on top for corner point, and N. 2-3-3309 on south side. Whence the $1/4$ Cor. between Secs. 10 & 11, unapproved T. 18 N., R. 20 W., G. & S. R. B & M., bears N. $31^{\circ} 11'$ E., 1099.93 ft.

No bearing objects available.

Thence S. $25^{\circ} 02'$ W.

308.65 East end center.

An andesite rock 12 x 14 x 24 ins., set 12 ins. in the ground, with mound of rock alongside, chiseled X on top for center point, and E.E.C.- N.-2-3309 on

Feet.	west side.
570.00	Gulch, 10 ft. wide, course northwesterly and southeasterly.
616.52	Intersect line 4-1 Lady Smith lode of this survey, S47°03' W. 14.69 ft. from Cor. No. 1.
617.30	To Corner No. 4.
	An andesite rock in place, 6 x 8 x 4 ft. above ground, with mound of rock alongside, chiseled on top X for corner point and N. 2-4-3309.
	No bearing objects available.
	Thence N. 44° 13' W.
14.95	Corner No. 1 Lady Smith lode of this survey and Corner No. 2 Survey No. 2512, Golden Era lode.
120.00	Gulch, 10 ft. wide.
1514.95	To Corner No. 1, the place of beginning.
	<u>L A D Y S M I T H</u> L O D E.
	BEGINNING at Corner No. 1.
	On line 4-1 Nettie No. 2 lode of this Survey, N. 44° 13' W. 14.95 ft. from Cor. No. 4.
	Identical with Corner No. 2, Survey No. 2512, Golden Era lode.
	An andesite rock 12 x 14 x 12 ins., above ground, a mound of rock alongside, chiseled X on top for corner point and G. E. 2-2512 on south side, and L. 1 - 3309 on south east side. Whence:-
	U. S. L. M. 2512 bears N. 57° 53' 10" W., 2873.47
	ft. // Cor. No. 3, Sur. No. 2512, Golden Era lode, brs. S. 25° 02' W. 600 ft. Intersection of line 2-3 said Golden Era lode with line 1-4 Sur. No. 3307, Pinto lode, brs. S. 25° 02' W. 523.61 ft.
	No bearing objects available.
	Thence S. 39° 38' W.
300.00	West end center.
	An andesite rock 12 x 14 x 26 ins., set 15 ins. in the ground, a mound of rock alongside, chiseled X on top for center point, and W.E.C.- L.-3309 on east

feet.

side.

491.94 Intersect line 4-1, Survey No. 3307, Pinto lode, D. P. Wright claimant, at N. 43° 59' W., 396.54 ft. from Corner No. 4, and ~~N. 43° 59' W.~~, 132.81 ft. from its intersection with line 2-3, Survey No. 2512, Golden Era lode.

550.00 Wagon road, course easterly and westerly.

564.33 Intersect line 3-4 Survey No. 2512, Golden Era lode at N. 44° 13' W., 152.12 ft. from Corner No. 3.

600.00 To Corner No. 2.

An andesite rock 6 x 14 x 30 ins., set 15 ins. in the ground, with mound of rock alongside, chiseled X on top for corner point, and L.-2 - 3309 on north side, Whence Corner No. 3, Survey No. 3307, Pinto lode, bears S. 59° 35' E., 399.24 ft.

No bearing objects available.

Thence S. 47° 03' E.

385.07 Intersect line 4-3 Survey No. 3307, Pinto lode., at S. 46° 01' W., 86.80 ft. from Corner No. 4.

1500.00 To Corner No. 3.

! Identical with Corner No. 2 Ladysmith No. 2 lode of this survey.

An andesite rock in place, 26 x 28 x 20 ins. above ground, a mound of rock alongside, chiseled X on top for corner point, and L.-L.2 -3-2-3309 on north side.

No bearing objects available.

Thence N. 39° 38' E.

300.00 East end center.

Identical with west end center LadySmith No. 2 lode of this survey.

An andesite rock 12 x 14 x 30 ins., set 15 ins. in the ground, with mound of rock alongside, chiseled X on top for center point, and E.E.C.L.-3309 on west side, and W.E.C.L. 2-3309 on east side.

<u>Feet.</u>	
600.00	To Corner No. 4. Identical with Corner No. 1, Lady Smith No. 2 lode of this survey. An andesite rock 10 x 12 x 25 ins., set 15 ins. in the ground, with mound of rock alongside, chiseled X on top for corner point, and L.-4-L.2-1-3309 on south side. Whence the Cor. Secs. 10, 11, 14 & 15, unapproved, T. 18 N., R. 20 W., G. & S. R. B. & M. bears S. 64° 40' W., 288.05 ft. No bearing objects available. Thence N. 47° 03' W.
890.00	Gulch, 10 ft. wide, course easterly and westerly.
1340.00	Gulch, 10 ft. wide, course northerly and southerly.
1485.31	Intersect line 3-4 Nettie No. 2 lode of this Survey, at N. 25° 02' E., 78 ft. from Cor. No. 4.
1500.00	To Corner No. 1, the place of beginning.

LADY SMITH NO. 2 LODE

BEGINNING at Corner No. 1.

Identical with Corner No. 4, Lady Smith lode of this Survey, previously described, Whence:-

U.S.L.M. No. 2512 bears N. 54° 10' 30" W., 4355.80 ft.

The Cor. Secs. 10, 11, 14 & 15, unapproved, T. 18 N., R. 20 W., G. & S. R. B. & M. bears S. 64° 40' W., 288.05 ft.

No bearing objects available.

Thence S. 39° 38' W.

300.00	West end center. Identical with east end center Lady Smith lode of this Survey, previously described.
600.00	To Corner No. 2. Identical with Corner No. 3, Lady Smith lode of this Survey, previously described.

Feet	Thence S. $57^{\circ} 35'$ E.
1500.00	To corner No. 3. An andesite rock 7 x 12 x 24 ins., set 12 ins. in the ground, with mound of rock along side, chiseled X on top, for corner point, and L.2 -3-3309 on north side No bearing objects available. Thence N. $39^{\circ} 38'$ E.
300.00	East end center. An andesite rock, 12 x 14 x 30 ins. set 18 ins. in the ground, with mound of rock alongside, chiseled X on top, for center point, and E. E.C. -L.2-3309 on west side.
567.32	To Corner No. 4 An andesite rock 7 x 15 x 30 ins., set 15 ins. in the ground, with mound of rock alongside, chiseled X on top for corner point and L.2 -4-3309 on south side. Thence N. $56^{\circ} 20' 30''$ W.
1496.25	To Corner No. 1, the place of beginning. Variation at all corners $14^{\circ} 45'$ E.

L O D E L I N E S

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

Nettie lode 52 ft. S. $64^{\circ} 58'$ E., 1448 ft. N. $64^{\circ} 58'$ W.

Nettie No. 2 lode 665 ft. S. 46° E., 833.02 ft. N. 46° W.

Lady Smith lode, 145 ft. N. $47^{\circ} 03'$ W., 1355 ft. S. $47^{\circ} 03'$ E.

Lady Smith No. 2 lode, 75 ft. N. $57^{\circ} 35'$ W., 1425 ft. S. $57^{\circ} 35'$ E.

Feet

A R E A S

Total Area Nettie lode,	20.661	acres
Area in conflict with		
Sur.No. 3282, Nellie No.3 lode,	0.247	acres
Sur.No.3282, Bill Rush No. 1 lode,	0.624	"
Total Area Nettie No. 2 lode	17.787	"
Total Area Lady Smith lode	20.627	"
Area in conflict with		
Nettie No. 2 lode, this survey	0.000+	"
Sur. No.2512, Golden Era lode	0.980	"
Sur. No.3307 Pinto lode,	0.871	"
Sur.No.3307, Pinto lode, exclusive of its conflict with Sur.No.2512, Golden Era lode,	0.637	"
Total Area Lady Smith No. 2 lode,	19.939	"

The survey of each lode of this location is identical with the respective location as staked upon the ground.

LOCATION

This survey is located in the E. and W. 1/2 of Sec. 10, S. W. 1/4 Sec. 11, N. W. 1/4 Sec. 14, and N.E. 1/4 Sec. 15, T. 18 N., R. 20 W., unapproved, G. & S. R. B. & M.

ADJOINING CLAIMS

On the North, Survey No. 3282, Bill Rush No. 1 lode.

On the South, Survey No. 2512, L. & R. and Golden Era lodes.

Survey No. 3282, Nellie No. 3 lode.

Survey No. 3307, Pinto lode.

On the West, Survey No. 3282, Nellie No. 3 and Bill Rush No. 1 lodes.

EXPENDITURE OF FIVE HUNDRE 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:--

On the Nettie lode

No. 1

The discovery shaft which is on the lode line, N. 64° 58' W. 52 ft. from East End Center, 5 x 8 x 8 ft. deep, in quartz and mineralized andesite.

Value \$70.00

No. 2

A cut, the mouth of which bears from the East End Center, S. 84° 50' W. 145 ft., 5 ft. wide, 8 ft. face, running N. 84° 50' E. 14 ft. from mouth to face, in quartz vein.

Value, \$70.00

No. 3

A shaft, 5 x 7 x 9 ft. deep, which bears from East End Center, S. 75° 07' W. 165 ft., in mineralized andesite.

Value \$70.00

No. 4

A shaft which bears from Corner No. 4, S. 3° 48' W., 126.60 ft., 4 x 6 ft. 310 ft. deep, timbered. At the 115 ft. level, a cross-cut 4 x 6 ft. runs S. 25° W., 80 ft. to face, in rock. At the 290 ft. level, a cross-cut 4 x 6 ft. runs S. 24° W., 30 ft. to face, in rock, and a cross-cut 4 x 6 ft. runs N. 24° E. 173 ft. to a point. Whence a drift 4 x 6 ft. runs S. 44° E. 110 ft. to face, thence N. 24° E., 69 ft. to face of cross-cut.

Value of shaft, drifts, and cross-cuts \$18,400.00

An undivided 1/8th interest is assigned to this claim,

Value \$2,500.00

This shaft is located near the bottom of the gulch, and near the center of the group of eight claims, namely, the L & R., Golden Era, ^{lodes, Sur. No. 2512,} Nettie, Nettie No. 2, ^{lode, Sur. No. 3309,} Lady Smith, Lady Smith No. 2, ^{Sur. No. 3308,} Saint Patrick and Saint Patrick No. 2 lodes, ^{Sur. No. 3308,} owned by the claimant herein, and is being operated for the joint development of the entire group.

The ground rises very rapidly both north, south and east from this shaft, and the cross-cuts and drifts extended from this shaft will cut the veins of this survey at great depth. This, therefore, is a joint improvement, and a 1/8th interest in this last mentioned work should properly be accredited to each claim in this survey.

On Nettie No. 2 lode.

No. 1 The discovery cut, the mouth of which is on the lode line 665 ft. N. 46° W. from the East End Center, 4 ft. wide, 8 ft. face, running east 13 ft. from mouth to face, in quartz and mineralized andesite.

Value, \$65.00

No. 2 A cut, the mouth of which bears from the east end center N. 43° 30' W. 645 ft., 5 ft. wide, 9 ft. face, running east 13 ft. from mouth to face, in mineralized andesite.

Value, \$70.00

No. 3 A cut, the mouth of which bears from East End Center, N. 44° W., 625 ft., 5 ft. wide, 8 ft. face, running East 13 ft. from mouth to face, in mineralized andesite.

Value \$65.00

An undivided 1/8th interest in improvement No. 4, Nettie lode of this survey is assigned to this claim.

Value \$2300.00

On the Lady Smith lode.

No. 1 The discovery shaft which is on the lode line, 145 ft. S. 47° 03' E. from the West End Center, 5 x 7 x 8 ft. deep, in mineralized andesite.

Value, \$ 64.00

No. 2 A cut, the mouth of which bears from Corner No. 4 S. 85° 40' W. 275 ft., 4 ft. wide, 10 ft. face, running S. 35° E. 17 ft. from mouth to face, in mineralized andesite and vein matter.

Value, \$ 85.00

An undivided 1/8th interest in improvement No. 4 Nettie lode of this survey, is assigned to this claim.

Value, \$2300.00

On the Lady Smith No. 2 lode.

No. 1 The discovery cut, the mouth of which is on the lode line, 75 ft. S. 57° 35' E. from West End Center, 3.5 ft. wide, 10 ft. face, running S. 33° W. 15 ft. from mouth to face.

In mineralized andesite.

Value, \$ 75.00

No. 2 A cut, the mouth of which bears from Corner No. 3, N. 45° 35' W., 483 ft., 4 ft. wide, running N. 50° W. 17 ft. to a 10 ft. face. In mineralized andesite, quartz and calcite.

Value, \$ 80.00

An undivided 1/8th interest in improvement No. 4 Nettie lode of this Survey, is assigned to this claim.

Value, \$2300.00

I N S T R U M E N T

This survey was made with a C. L. Berger Mining Transit. The courses were deflected from the true mer-

idian as determined by direct solar observations. The distances were measured with 100 ft. and 500 ft. steel tapes.

R E P O R T

The lode line of each location of this claim was run upon the ground, and the several corners established by means of offsets from the lode lines.

All the lines were run upon the ground, and the courses and distances were found to be as herein stated.

U. S. L. M. 2512 is an andesite rock 16 x 17 ins., set in a conical mound of stone 6 ft. at base and 5 ft. high, chiseled X on top, and U. S. L. M. 2512 on the North face.

The 1/4 corner between Secs. 10 and 11, unapproved T. 18 N., R. 20 W., G. & S. R. B. & M., is a 1 in. iron pipe, with brass cap, properly set and marked.

The corner to Sections 10, 11, 14 and 15, unapproved T. 18 N., R. 20 W., G. & S. R. B. & M., is a 2 in. iron pipe, with brass cap, properly set and marked.

Survey No. 2512, L. & R. and Golden Era lodes. All corners are andesite rocks, properly set and marked.

I find the courses and distances of the boundary lines to be correct, as approved.

I disagree very slightly with the connections to U. S. L. M. No. 2512, but the amount is too small to make note of, and I have checked over my work very completely.

Survey no. 3282, Nellie No. 3 and Bill Rush Fraction lodes.

All corners are redwood posts, properly set and marked.

Survey No. 3307, Pinto lode.

All corners are andesite rocks, properly set and marked.

N O T E : The disagreement between these field notes and the amended location certificates, are due to errors in the latter.

FINAL OATHS FOR SURVEYS.

LIST OF NAMES.

A list of the names of the individuals employed by EDWARD L. HAFF

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.....

BLACK RANGE MINING COMPANY

known as the NETTIE, NETTIE No. 2, LADY SMITH, LADY SMITH No. 2 lodes

and showing the respective capacities in which they acted.

R. L. D'ARCY....., *Chainman.*

....., *Chainman.*

....., *Arman.*

....., *Flagman.*

FINAL OATHS OF ASSISTANTS.

~~xxx~~ I, R. L. D'ARCY,

I

and....., do solemnly swear that ~~we~~ assisted EDWARD L.

HAFF

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

the boundaries of the mining claim of BLACK RANGE MINING COMPANY

known as the NETTIE, NETTIE No. 2, LADY SMITH, LADY SMITH No. 2 lodes.

represented in the foregoing field notes as having been surveyed by said ~~deputy~~ mineral surveyor and under his
my

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

R. L. D'Arcy....., *Chainman.*

....., *Chainman.*

....., *Arman.*

....., *Flagman.*

Subscribed and sworn to by the above-named persons before me this 5th

day of August, 1916.

R. M. Reeves

Notary Public

My commission Expires March 13th 1920

(4-686.)

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

I, EDWARD L. HAFF, U. S. ~~Deputy~~ Mineral Surveyor, do solemnly swear that, in pursuance of instructions received from the United States Surveyor General for ARIZONA, dated JUNE 6th, 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 BLACK RANGE MINING COMPANY, known as the NETTIE, NETTIE No. 2, LADYSMITH, LADY SMITH No. 2 lodes, situate in San Francisco Mining District, Mohave County, Arizona, in Sections 10, 11, 14 & 15, Township No. 18 N., Range No. 20 W., ^{unapp'd.} G. & S. R. B. & M., and designated as Survey No. 3309, 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.

Edward L. Haff

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

Subscribed and sworn to by the said Edward L. Haff,
U. S. ~~Deputy~~ Mineral Surveyor, before me a Notary Public in and
for Mohave County, Arizona this 5th
day of August, 1916.

R. M. Leaves
Notary Public

My commission Expires March 13th 1920

Amended Location Certificate

JUN 6 - 1916

KNOW ALL MEN BY THESE PRESENTS: That the Black Range Mining Co. by

D. P. Wright, its president and general manager, a

~~XXXXXX~~ citizen... of the United States, over the age of twenty-one years, having complied with all the requirements of the laws of the United States and the State of Arizona, relating to mining claims, and with the local laws, customs, rules and regulations of San Francisco Mining District, hereby make and file this amended location of the Nettie Lode, claiming by right of discovery, location, primal appropriation and possession 1500 feet, linear and horizontal measurement, on this vein or lode of quartz, or other rock in place, bearing gold and other valuable minerals, with all dips, variations and angles, the same being 1460 feet along the ledge in a N. 64° 58' W. direction from the discovery ~~sex~~ Mon. and 40 feet along the ledge in a S. 64° 58' E. direction therefrom, together with 300 feet in width on each side of the middle of said ledge, and all veins, lodes, ledges, mineral deposits, mineral and surface ground within the lines of said claim.

Situate in San Francisco Mining District, County of Mohave, State of Arizona, ~~XX~~

and more particularly described as follows, to-wit:

Beginning at the west corner, identical with Cor. No. 1 Sur. No. 2512 L. & R. lode, Whence U.S.L.M. No. 2512 bears S. 44° 02' E. 55.20 ft. Thence N. 25° 02' E. 300 ft. to the west end center, Thence N. 25° 02' E. 300 ft. to the north corner, Thence S 64° 58' E. 1500 ft. to the east corner Thence S. 25° 02' W. 300 ft. to the east end center Thence S. 25° 02' W. 300 ft. to the south corner, Thence N. 64° 58' W. 1500 ft. to the place of beginning.

Variation at all corners 14° 40' E. All corners and both end centers are 4 in. sq. posts 4 ft. long properly set and marked.

by Black Range Mining Co.
by D.P. Wright Pres.

THIS AMENDED LOCATION is made in conformity with the original location, made April 1-, 1. 915, recorded April 9-, 1. 915, in Book K.K., Page 34, of Quartz Locations, in the office of the Recorder of said county, and it is made for the purpose of appropriating all ground within the boundaries hereinbefore described, and of more definitely describing the situation and boundaries of said lode, correcting any irregularities, informalities or errors, supplying omissions and correcting any defects which may have existed in the original location, or the record thereof, hereby waiving no rights acquired under and by virtue of said original location. And if the original location or the certificate thereof is void, then this location shall be an original location and this certificate an original certificate.

Date of Original Discovery April 1, A. D. 1. 915.

Date of Amended Location April 26, A. D. 19 16.

Attest: Black Range Mining Co.
By D. P. Wright Pres.

Recorded at the request of Bruce Glidden, at ~~XXXXXX~~ One o'clock P. M., April 28th, 1916, in Book P.P. of Mining Claims, Page 202-203 Records of Mohave County, Arizona.

J. W. Morgan
County Recorder.
By J. T. Morgan, Deputy.

Amended Location Certificate

KNOW ALL MEN BY THESE PRESENTS: That **THE BLACK RANGE MINING CO.** by

D. P. Wright its president and general manager,

~~residence~~ citizen... of the United States, over the age of twenty-one years, having complied with all the requirements of the laws of the United States and the State of Arizona, relating to mining claims, and with the local laws, customs, rules and regulations of **San Francisco** Mining District, hereby make and file this amended location of the **Nettie No. 2** Lode, claiming by right of discovery, location, primal appropriation and possession **1497.74** feet, linear and horizontal measurement, on this vein or lode of quartz, or other rock in place, bearing **gold** and other valuable minerals, with all dips, variations and angles, the same being **665** feet along the ledge in a **S. 46° 00' E.** direction from the discovery ~~made~~ **cut** and **832.74** feet along the ledge in a **N. 46° 00' W.** direction therefrom, together with **300** feet in width on each side of the middle of said ledge, and all veins, lodes, ledges, mineral deposits, mineral and surface ground within the lines of said claim.

Situate in **San Francisco** Mining District, County of Mohave, State of Arizona

and more particularly described as follows, to-wit:

Beginning at the west corner, identical with Cor. No. 1 Sur. No. 2512 Golden Era lode, Thence N. 25° 02' E. 258.80 ft. to the West end center, Thence N. 25° 02' E. 217.76 ft to the North corner Thence S. 49° 21' E. 1470.92 ft. to the east corner, thence S. 25° 02' W. 308.65 ft. to the east end center, Thence S. 25° 02' W. 308.65 ft. to the south corner thence N. 44° 13' W. 1514.95 ft. to the place of beginning.

Variation at all corners 14° 40' E. All corners and both end centers are 4 in sq. posts 4 ft. long properly set and marked.

By **Black Range Mining Co.**
By **D. P. Wright Pres.**

THIS AMENDED LOCATION is made in conformity with the original location, made **April 1**, 1915, recorded **April 9**, 1915, in Book **K.K.**, Page **35**, of Quartz Locations, in the office of the Recorder of said county, and it is made for the purpose of appropriating all ground within the boundaries hereinbefore described, and of more definitely describing the situation and boundaries of said lode, correcting any irregularities, informalities or errors, supplying omissions and correcting any defects which may have existed in the original location, or the record thereof, hereby waiving no rights acquired under and by virtue of said original location. And if the original location or the certificate thereof is void, then this location shall be an original location and this certificate an original certificate.

Date of Original Discovery **April 1**, A. D. 1915.
Date of Amended Location **April 26**, A. D. 1916.

Attest: **Black Range Mining Co.**
By D.P.Wright Pres.

Recorded at the request of **Bruce Glidden**, at ~~points~~ **One** o'clock **P.** M., **April 28th 1916** in Book **P.P.** of Mining Claims, Page **198**, Records of Mohave County, Arizona.

J. W. MORGAN
County Recorder.
By **J.T.Morgan, Deputy.**

Amended Location Certificate

KNOW ALL MEN BY THESE PRESENTS: That the Black Range Mining Co. by D. P. Wright, its President and general agent, a ~~competent~~ citizen... of the United States, over the age of twenty-one years, having complied with all the requirements of the laws of the United States and the State of Arizona, relating to mining claims, and with the local laws, customs, rules and regulations of San Francisco Mining District, hereby make and file this amended location of the Lady Smith Lode, claiming by right of discovery, location, primal appropriation and possession 1500 feet, linear and horizontal measurement, on this vein or lode of quartz, or other rock in place, bearing gold and other valuable minerals, with all dips, variations and angles, the same being 125 feet along the ledge in a N 47° 03' W. direction from the discovery stake and 1375 feet along the ledge in a S 47° 03' E. direction therefrom, together with 300 feet in width on each side of the middle of said ledge, and all veins, lodes, ledges, mineral deposits, mineral and surface ground within the lines of said claim.

Situate in San Francisco Mining District, County of Mohave, State of Arizona, ~~and~~ and more particularly described as follows, to-wit:
Beginning at the north corner, identical with Cor. No. 2 Sur. No. 2512 Golden Era lode. Thence S. 47° 03' E. 1500 ft. to the east corner. Thence S. 39° 38' W. 300 ft. to the east end center. Thence S. 39° 38' W. 300 ft. to the south corner. Thence N. 47° 03' W. 1500 ft. to the west corner. Thence N. 39° 38' E. 300 ft. to the West end center. Thence N. 39° 38' E. 300 ft. to the place of beginning.
Variation at all corners 14° 40' E.
All corners and both end centers are 4 in. sq. posts, 4 ft. long, properly set and marked.

THIS AMENDED LOCATION is made in conformity with the original location, made January 4, 1915, recorded January 6, 1915, in Book J.J., Page 498, of Quartz Locations, in the office of the Recorder of said county, and it is made for the purpose of appropriating all ground within the boundaries hereinbefore described, and of more definitely describing the situation and boundaries of said lode, correcting any irregularities, informalities or errors, supplying omissions and correcting any defects which may have existed in the original location, or the record thereof, hereby waiving no rights acquired under and by virtue of said original location. And if the original location or the certificate thereof is void, then this location shall be an original location and this certificate an original certificate.

Date of Original Discovery January 4-1915, A. D. 1. ---
 Date of Amended Location April 26, A. D. 1916.
 Attest: Black Range Mining Co.
By D. P. Wright, Pres.

Recorded at the request of Bruce Glidden, at San Francisco One o'clock P. M., April 28th 1916, in Book P.P. of Mining Claims, Page 199, Records of Mohave County, Arizona.

J. W. Morgan
 County Recorder.
 By J. T. Morgan, Deputy.

Amended Location Certificate

KNOW ALL MEN BY THESE PRESENTS: That the Black Range Mining Co. by D. P. Wright, its president and general manager, a ~~citizen~~ citizen... of the United States, over the age of twenty-one years, having complied with all the requirements of the laws of the United States and the State of Arizona, relating to mining claims, and with the local laws, customs, rules and regulations of San Francisco Mining District, hereby make and file this amended location of the Lady Smith No. 2 Lode, claiming by right of discovery, location, primal appropriation and possession 1500 feet, linear and horizontal measurement, on this vein or lode of quartz, or other rock in place, bearing gold, and other valuable minerals, with all dips, variations and angles, the same being 55 feet along the ledge in a N. 57° 35' W. direction from the discovery stake and 1445 feet along the ledge in a S. 57° 35' E. direction therefrom, together with 300 feet in width on each side of the middle of said ledge, and all veins, lodes, ledges, mineral deposits, mineral and surface ground within the lines of said claim.

Situate in San Francisco Mining District, County of Mohave, State of Arizona, ~~and~~ and more particularly described as follows, to-wit:

Beginning at the north corner, identical with the East corner of the Lady Smith lode, Whence Cor. No. 2 Sur. No. 2512, Golden Era lode, bears N. 47° 03' W. 1500 ft. Thence S. 56° 20' 30" E 1496.25 ft. to the east corner Thence S. 39° 38' W. 267.32 ft to the east end center, Thence S. 39° 38' W. 300 ft. to the South corner Thence N. 57° 35' W. 1500 ft. to the West corner, Thence N. 39° 38' E. 300 ft. to the West end center Thence N. 39° 38' E. 300 ft. to the place of beginning.

Variation at all corners 14° 40' E. All corners and both end centers are 4 in. sq. posts, 4 ft. long properly set and marked.

by Black Range Mining Co.
by D.P. Wright Pres.

THIS AMENDED LOCATION is made in conformity with the original location, made January 4, 1. 915 recorded January 6, 1. 915, in Book J.J., Page 499, of Quartz Locations, in the office of the Recorder of said county, and it is made for the purpose of appropriating all ground within the boundaries hereinbefore described, and of more definitely describing the situation and boundaries of said lode, correcting any irregularities, informalities or errors, supplying omissions and correcting any defects which may have existed in the original location, or the record thereof, hereby waiving no rights acquired under and by virtue of said original location. And if the original location or the certificate thereof is void, then this location shall be an original location and this certificate an original certificate.

Date of Original Discovery January 4, A. D. 1915.
Date of Amended Location April 26, A. D. 1916.

Attest: Black Range Mining Co.
By D. P. Wright, Pres.

Recorded at the request of Bruce Glidden, at ~~xxxxxxx~~ One o'clock P. M. April 28th, 1916, in Book P.P. of Mining Claims, Page 199-200 Records of Mohave County, Arizona.

J. W. Morgan
County Recorder.
By J. T. Morgan, Deputy.

RECORDER'S CERTIFICATE.

STATE OF ARIZONA,)
)-ss.
 County of Mohave.)

I, J. W. Morgan, Recorder of Mohave County, State of Arizona, do hereby certify that I have compared the foregoing copies of amended location certificates of the NETTIE, NETTIE NO. 2, LADY SMITH and LADY SMITH NO. 2 lode mining claims, located and situated in the San Francisco mining district, County of Mohave, State of Arizona, and of the endorsements thereon with the original records thereof on file in this office and that the same are correct transcripts therefrom and of the whole of said original records.

WITNESS my hand and official seal this 12th day of May, A. D. 1916.



J. W. MORGAN,

Recorder of Mohave County,
 State of Arizona.

By J. W. Morgan
 Deputy.



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

Department of the Interior,

OFFICE OF U. S. SURVEYOR-GENERAL,

Phoenix, Arizona,

June 12, 1917.

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

BLACK RANGE MINING COMPANY

known as the NETTIE, NETTIE NO. 2, LADY SMITH, LADY SMITH NO. 2 LODES.

situate in SAN FRANCISCO

Mining District, MOHAVE County, ARIZONA

in Sections 10, 11, 14 & 15, Township No. 18 N., Range No. 20 W. unapp'd., and

designated as Survey No. 3309, 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 claim by claimant or its grantors, and that said improvements consist of 3 shafts, 7 cuts and 4/8 interest in the common improvement, total value \$9914. Said common improvement, a shaft with workings therefrom, is situated on the Golden Era lode, Sur. No. 2512, and is for the common benefit and development of a group of eight claims, viz., L. & R. and Golden Era lodes, Sur. No. 2512, Saint Patrick and Saint Patrick No. 2 lodes, Sur. No. 3308, and the four claims of this survey, therefore an undivided one-eighth interest therein, value \$2300, is properly credited to each of said claims.

and that no portion of said labor or improvements has been included in the estimate of expenditures upon any other claim, except the common improvement, which then represented an expenditure of only \$600, was included in expenditures on the Golden Era lode, Sur. No. 2512.

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.

June 12, 1917.

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

BLACK RANGE MINING COMPANY

, known as the

NETTIE, NETTIE NO. 2, LADY SMITH, LADY SMITH NO. 2 LODES.

situate in SAN FRANCISCO mining district,

MOHAVE County, ARIZONA.

in Sections 10, 11, 14 & 15, Township No. 18 N., Range No. 20 W. unapp'd.

, designated as Survey No. 3309

executed by Edward L. Haff, U. S. Deputy Mineral

Surveyor, July 15-20, 1916, under my instructions dated

June 6, 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.



U. S. Surveyor-General for Arizona.

UNITED STATES DEPARTMENT OF THE INTERIOR 9605 (956)
BUREAU OF LAND MANAGEMENT M.S. 3309
ARIZONA STATE OFFICE

NOTICE OF CANCELLATION OF MINERAL SURVEY

The Nettie, Nettie No. 2, Lady Smith and Lady Smith No. 2 lodes, Mineral Survey No. 3309, located in sections 10, 11, 14, and 15, Township 18 North, Range 20 West, Gila and Salt River Meridian, Arizona, are hereby canceled.

These claims have not been filed with the Arizona State Office, Bureau of Land Management, in accordance with Section 314, 90 STAT. 2769, (43 U.S.C. 1744).

This cancellation was necessitated to clear the record.

The Mineral Survey Plat should be noted as follows:

"Nettie, Nettie No. 2, Lady Smith and Lady Smith No. 2 lodes, M.S. 3309, were canceled February 7, 2007, by memo 9605 (956) M.S. 3309, which is now a part of the original field notes."

February 7, 2007
Date

Stephen K. Hansen
Chief Cadastral Surveyor of Arizona