

MINERAL SURVEY No. 3631

Arizona. Land District.

FIELD NOTES

OF THE SURVEY OF THE MINING CLAIM OF

Black Giant Mines Company

KNOWN AS THE

NORTH STAR, LITTLE GEM NO.1, ANNA MC, RED ROSE and BUCK Lodes.

Ellsworth Mining District,

Yuma County, Arizona.

Sections 7, 18, 12 all unsurveyed Township 7 N., Range 8 12 and 13 W. G.S.R.M.

Surveyed under instructions dated November 12, 1919.

" " " amended November 24, 1919.

by C. C. Thompson. U. S. Mineral Surveyor.

See Claim located Location notices, 19

Survey commenced December 9, 1919.

Survey completed December 18, 1919.

Address of claimant H. W. Rose, Atty., Yuma, Ariz.

DATES OF AMENDED LOCATIONS.

Mineral SURVEY NO. 3631.

NORTH STAR LODE.

Beginning at Cor. No. 1.

A stone 7 x 12 x 24 ins. set 14 ins. in the ground, with mound of stone, chiseled 1NS-3631 and a cross at corner point,

whence,

The 1/4 Cor. to Secs. 7 and 12, T. 7 N., Rs. 12 and 13 W., G. S. R. M., bears N. 62° 03' 00" E. 2048.10 ft.

No other bearings available.

Feet.

Thence S. 34° 49' W.

300 The east end center, being a stone monument, on line.

411.06 Intersect line 2-3 Little Gem No. 1 lode of this survey, and also line 3-4 Wisconsin lode Sur. No. 3530 at S. 81° 12' E. 136.52 ft. from Cor. No. 3.

480 Road running easterly and westerly.

600 To Cor. No. 3.

Identical with Cor. No. 4 Teddy lode Sur. No. 3530 and with the N. E. Cor. American Flag lode unsurveyed, Vindicator Mining Company claimant.

A 3/4 in. iron pipe showing 6 ins. above mound of earth and stone, stamped 2NS-3631 and T.4.3530.

No bearings available.

Thence N. 55° 11' W.

59.69 Intersect line 2-3 Wisconsin lode Sur. No. 3530 at S. 8° 48' W. 143.61 ft. from Cor. No. 3.

184 Road running easterly and westerly.

1500 To Cor. No. 3.

Identical with the N. W. Cor. American Flag lode unsurveyed.

A stone 12 x 14 x 24 ins. set 14 ins. in the ground, with mound of stone, chiseled 3NS-3631 and a cross at corner point.

No bearings available.

SURVEY NO. 3631.

	Thence N. 34° 49' E.
Feet.	
300	The west end center, being a stone monument, on line.
600	To Cor. No. 4.
	A stone 7 x 11 x 24 ins. set 14 ins. in the ground, with mound of stone, chiseled 4NS-3631 and a cross at corner point.
	No bearings available.

	Thence S. 55° 11' E.
1258.69	Intersect line 3-4 Little Gem No. 1 lode of this survey.
1500	To Cor. No. 1 the place of beginning.

	LITTLE GEM NO. 1 LODE.
	Beginning at Cor. No. 1.
	A stone 4 x 14 x 26 ins. set 16 ins. in the ground, with mound of stone, chiseled 1LGL-3631 and a cross at corner point,
	whence,
	The $\frac{1}{4}$ Cor. to Secs. 7 and 12, T. 7 N., Rs. 12 and 13 W., G. S. R. M., bears N. 28° 35' 10" E. 1057.20 ft.
	The S. E. Cor. Mobile Bay lode unsurveyed, John Jones and Thos. S. Leatherbury claimants, bears S. 71° 40' W. 461 ft.
	No other bearings available.

	Thence S. 8° 48' W.
293.60	Intersect line 3-4 Red Rose lode of this survey.
300	The east end center, being a stone monument, on line.
345.19	Intersect line 2-3 Anna Mo lode of this survey.
600	To Cor. No. 2.
	A stone 6 x 12 x 28 ins. set 16 ins. in the ground, with mound of stone, chiseled 2LGL-3631 and a cross at corner point,
	whence,
	Cor. No. 3-4 Anna Mo and Buck lodes respectively, both of this survey, bears N. 77° 09' E. 143.36 ft.

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Feet.	Cor. No. 4 Red Rose lode of this survey bears N. 84° 34' W. 293.29 ft. No other bearings available. ----- Thence N. 81° 12' W.
102.00	Cor. No. 4 Wisconsin lode Sur. No. 3530 on line.
277.17	Intersect line 3-4 Red Rose lode of this survey.
552	Road running northerly and southerly.
1463.48	Intersect line 1-2 North Star lode of this survey.
1500	To Cor. No. 3. On line 3-4 Wisconsin lode Sur No. 3530. A stone 7 x 10 x 24 ins. set 14 ins. in the ground, with mound of stone, chiseled 3LGL-3631 and a cross at corner point, whence, Cor. No. 3 North Star lode of this survey bears S. 24° 04' W. 176.02 ft. No other bearings available. ----- Thence N. 8° 48' E.
300	The west end center, being a stone monument, on line.
475.22	Intersect line 4-1 North Star lode of this survey.
600	To Cor. No. 4. A stone 6 x 11 x 24 ins. set 14 ins. in the ground, with mound of stone, chiseled 4LGL-3631 and a cross at corner point. No bearings available. ----- Thence S. 81° 12' E.
231.75	Intersect west side line Mobile Bay lode unsurveyed at N. 24° 39' W. 648.37 ft. from its S. W. Cor.
928	Road running northerly and southerly.
950.84	Intersect east side line Mobile Bay lode unsurveyed at N. 24° 39' W. 251.98 ft. from its S. E. Cor. <i>where NW cor said lode bears 165° 21' W. 600 ft.</i>
1271.91	Intersect line 2-3 Anna Mc lode of this survey.
1500	To Cor. No. 1 the place of beginning. -----

SURVEY NO. 3631.

Feet.

ANNA MC LODE.

Beginning at Cor. No. 1.

A stone 7 x 14 x 28 ins. set 16 ins. in the ground, with mound of stone, chiseled 1AM-3631 and a cross at corner point,

whence,

The $\frac{1}{4}$ Cor. to Secs. 7 and 12, T. 7 N., Rs. 12 and 13 W., G. S. R. M., bears S. 77° 00' E. 552 ft.

No other bearings available.

Thence S. 65° 21' W.

300 The north end center, being a stone monument, on line.

600 To Cor. No. 2.

A stone 8 x 12 x 24 ins. set 14 ins. in the ground, with mound of stone, chiseled 2AM-3631 and a cross at corner point.

No bearings available.

Thence S. 24° 39' E.

844.44 Intersect line 4-1 Little Gem No. 1 lode of this survey.

1222.41 Intersect line 3-4 Red Rose lode of this survey.

1258.14 Intersect line 1-2 Little Gem No. 1 lode of this survey.

1500 To Cor. No. 3.

Identical with Cor. No. 4 Buck lode of this survey.

A stone 6 x 12 x 24 ins. set 14 ins. in the ground, with mound of stone, chiseled 4B-3AM-3631 and a cross at corner point.

No bearings available.

Thence N. 65° 21' E.

270.58 Intersect line 2-3 Red Rose lode of this survey.

300 The south end center, being a stone monument, on line.

503.44 Intersect east boundary Sec. 12, T. 7 N. R. 13 W., G. S. R. M., at North 1393.78 ft. from its S. E. Cor. and at South 1279.42 ft. from the $\frac{1}{4}$ Cor. on said east boundary Sec. 12.

600 To Cor. No. 4.

SURVEY NO. 3631.

Feet.	<p>Identical with Cor. No. 3 Buck lode of this survey.</p> <p>A rock in place 10 x 12 ins. showing 4 ins. above ground, with mound of stone, chiseled 3B-4AM-3631 and a cross at corner point.</p> <p>No bearings available.</p> <p>-----</p> <p>Thence N. 24° 39' W.</p>
210.42	<p>Intersect east boundary Sec. 12, T. 7 N., R. 13 W., G. S. R. M., at North 1625.30 ft. from its S. E. Cor. and at South 1047.90 ft. from the $\frac{1}{4}$ Cor. on said east boundary Sec. 12.</p>
1500	<p>To Cor. No. 1 the place of beginning.</p> <p>-----</p> <p>RED ROSE LODGE.</p> <p>Beginning at Cor. No. 1.</p> <p>Identical with Cor. No. 1 Old Timer lode Sur. No. 3529.</p> <p>A $\frac{3}{4}$ in. iron pipe showing 6 ins. above mound of earth and stone, stamped LRR-3631 and O.T.1.3529, whence,</p> <p>The S. W. Cor. Sec. 7, T. 7 N., R. 12 W., G. S. R. M., bears S. 74° 53' W. 57.74 ft.</p> <p>No other bearings available.</p> <p>-----</p> <p>Thence N. 50° 56' E.</p>
21.34	<p>Intersect line 4-1 Buck lode of this survey.</p>
300	<p>The south end center, being a stone monument, on line.</p>
600	<p>To Cor. No. 2.</p> <p>A stone 7 x 10 x 26 ins. set 16 ins. in the ground, with mound of stone, chiseled 2RR-3631 and a cross at corner point.</p> <p>No bearings available.</p> <p>-----</p> <p>Thence N. 39° 04' W.</p>
827.97	<p>Intersect east boundary Sec. 12, T. 7 N., R. 13 W., G. S. R. M., at North 1035.93 ft. from its S. E. Cor. and</p>

SURVEY NO. 3631.

73

Feet. at South 1637.27 ft. from the $\frac{1}{4}$ Cor. on said east boundary Sec. 12.

1163.79 Intersect line 3-4 Buck and Anna Mc lodes of this survey.
1500 To Cor. No. 3.

A stone 5 x 14 x 26 ins. set 16 ins. in the ground, with mound of stone, chiseled 3RR-3631 and a cross at corner point.

No bearings available.

Thence S. 50° 56' W.

163.58 Intersect line 1-2 Little Gem No. 1 lode of this survey.

192.94 Intersect line 2-3 Anna Mc lode of this survey.

300 The north end center, being a stone monument, on line.

576.74 Intersect line 2-3 Little Gem No. 1 lode of this survey, and also line 3-4 Wisconsin lode Sur. No. 3530 at N. 81° 12' W. 175.17 ft. from Cor. No. 4.

600 To Cor. No. 4.

Identical with Cor. No. 4 Old Timer lode Sur. No. 3529.

A $\frac{3}{4}$ in. iron pipe showing 10 ins. above mound of earth and stone, stamped 4RR-3631 and O.T.4.3529, whence,

Cor. No. 4 Wisconsin lode Sur. No. 3530 bears S. 86° 22' E. 191.55 ft.

No other bearings available.

Thence S. 39° 04' E.

257.25 Intersect line 4-1 Wisconsin lode Sur. No. 3530 at S. 3° 48' W. 189.82 ft. from Cor. No. 4.

1411.55 Intersect east boundary Sec. 12, T. 7 N., R. 13 W., G. S. R. M., at North 83.73 ft. from its S. E. Cor. and at South 2589.47 ft. from the $\frac{1}{4}$ Cor. on said east boundary Sec. 12.

1500 To Cor. No. 1 the place of beginning.

BUCK LODGE.

SURVEY NO. 3631.

Feet. Beginning at Cor. No. 1.

A stone 4 x 6 x 24 ins. set 14 ins. in the ground, with mound of stone, chiseled 1B-3631 and a cross at corner point,

whence,

The S. W. Cor. Sec. 7, T. 7 N., R. 12 W., G. S. R. M., bears N. 43° 04' W. 245.67 ft.

Cor. No. 1 Red Rose lode of this survey bears N. 29° 56' W. 224.48 ft.

No other bearings available.

Thence N. 65° 21' E.

300 The south end center, being a stone monument, on line.
600 To Cor. No. 2.

A stone 5 x 12 x 28 ins. set 16 ins. in the ground, with mound of stone, chiseled 2B-3631 and a cross at corner point.

No bearings available.

Thence N. 24° 39' W.

1500 To Cor. No. 3.

Identical with Cor. No. 4 Anna Mc lode of this survey, previously described.

Thence S. 65° 21' W.

96.56 Intersect west boundary Sec. 7, T. 7 N., R. 12 W., G. S. R. M., at North 1393.78 ft. from its S. W. Cor. and at South 1279.42 ft. from the $\frac{1}{4}$ Cor. on said west boundary Sec. 7.

300 The north end center, being a stone monument, on line.

329.42 Intersect line 2-3 Red Rose lode of this survey.

600 To Cor. No. 4.

Identical with Cor. No. 3 Anna Mc lode of this survey, previously described.

Thence S. 24° 39' E.

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<p>Feet. 1097.79</p>	<p>Intersect east boundary Sec. 12, T. 7 N., R. 13 W., G. S. R. M., at North 186.08 ft. from its S. E. Cor. and at South 2487.12 ft. from the $\frac{1}{4}$ Cor. on said east boundary Sec. 12.</p>
<p>1271.16</p>	<p>Intersect line 1-2 Red Rose lode of this survey.</p>
<p>1500</p>	<p>To Cor. No. 1 the place of beginning.</p>

All corners of this survey are identical with the corners of the locations.

Variation at all corners of this survey 15° E.

LODE LINES.

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

North Star lode, 400 ft. S. 55° 11' E. and 1100 ft. N. 55° 11' W.

Little Gem No. 1 lode, 195 ft. N. 81° 12' W. and 1305 ft. S. 81° 12' E.

Anna Mc lode, 310 ft. S. 24° 39' E. and 1190 ft. N. 24° 39' W.

Red Rose lode, 140 ft. N. 39° 04' W. and 1360 ft. S. 39° 04' E.

Buck lode, 252 ft. N. 24° 39' W. and 1248 ft. S. 24° 39' E.

AREA.

Total area North Star lode	20.661 Acres.
Area in conflict with Wisconsin lode	
Sur. No. 3530	0.355 Acres.

Total area Little Gem No. 1 lode	20.661 "
Area in conflict with North Star lode	
of this survey	1.338 Acres.
Area in conflict with Anna Mc lode	
of this survey	0.904 Acre.

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Area in conflict with Red Rose lode of this survey 0.975 Acre.

Area in conflict with Red Rose lode exclusive of its conflict with Anna Mc lode, both of this survey, 0.963 Acre.

Area in conflict with Mobile Bay lode unsurveyed 6.200 Acres.

Total area Anna Mc lode 20.661 Acres.

Total area Red Rose lode 20.661 "

Area in conflict with Anna Mc lode of this survey 1.607 Acres.

Area in conflict with Buck lode of this survey 11.678 Acres.

Area in conflict with Wisconsin lode Sur. No. 3530 0.450 Acre.

Total area Buck lode 20.661 "

LOCATION.

This claim is located in ~~the S. W. 1/4 and the N. W. 1/4~~ Secs. 7 and 18, T. 7 N., R. 12 W., and in ~~the S. 1/2 and N. E. 1/4~~ Sec. 12, T. 7 N., R. 13 W., G. S. R. M., all unsurveyed, Ellsworth Mining District, Yuma County, Arizona.

ADJOINING CLAIMS.

This claim is joined on the south and west by the Old Timer lode Sur. No. 3529, Wisconsin lode Sur. No. 3530, and by the American Flag lode unsurveyed, Vindicator Mining Company claimant, and on the north by the Mobile Bay lode unsurveyed, John Jones and Thos. S. Leatherbury claimants.

Other adjoining claims unknown.

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

SURVEY NO. 3631.

locations embraced in this claim by the claimant or its grantors, is not less than five hundred dollars and that said improvements consist of:

North Star lode.

No. 1. The discovery shaft is on the center line 400 ft. from the center of line 1-2, 4 x 6 ft. x 8 ft. deep.

Value \$80.00

No. 2. A shaft which from Cor. No. 2 bears N. 36° 40' W. 588 ft., 4 x 6 ft. x 8 ft. deep.

Value \$80.00

No. 3. A shaft which from Cor. No. 2 bears N. 33° W. 517 ft., 4 x 6 ft. x 8 ft. deep.

Value \$80.00

Note: An undivided one-ninth interest in the common improvement which is No. 1 on the Wisconsin lode Sur. No. 3530, value \$1497.22, is also credited to this claim.

Little Gem No. 1 lode.

No. 1. The discovery shaft is on the center line 195 ft. from the center of line 3-4, 4 x 6 ft. x 8 ft. deep.

Value \$80.00

Note: An undivided one-ninth interest in the common improvement which is No. 1 on the Wisconsin lode Sur. No. 3530, value \$1497.22, is also credited to this claim.

Anna Mo lode.

No. 1. The discovery shaft is on the center line 310 ft. from the center of line 3-4, 4 x 6 ft. x 7 ft. deep.

Value \$70.00

No. 2. A shaft which from Cor. No. 4 bears N. 35° 15' W. 415 ft., 4 x 6 ft. x 7 ft. deep.

Value \$70.00

No. 3. A shaft which from Cor. No. 4 bears N. 39° 10' W. 500 ft., 4 x 6 ft. x 7 ft. deep.

Value \$70.00

Note: An undivided one-ninth interest in the common improvement which is No. 1 on the Wisconsin lode Sur.

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No. 3530, value \$1497.22, is also credited to this claim.

Red Rose lode.

No. 1. The discovery shaft is on the center line 140 ft. from the center of line 3-4, 4 x 6 ft. x 8 ft. deep.

Value \$80.00

Note: An undivided one-ninth interest in the common improvement which is No. 1 on the Wisconsin lode Sur.

No. 3530, value \$1497.22, is also credited to this claim.

Buck lode.

No. 1. The discovery shaft is on the center line 252 ft. from the center of line 3-4, 4 x 6 ft. x 7 ft. deep.

Value \$70.00

No. 2. A shaft which from Cor. No. 4 bears N. 75° E. 300 ft., 4 x 6 ft. x 30 ft. deep.

Value \$400.00

No. 3. A shaft which from Cor. No. 4 bears S. 87° 45' E. 349 ft., 4 x 6 ft. x 32 ft. deep.

Value \$425.00

Note: An undivided one-ninth interest in the common improvement which is No. 1 on the Wisconsin lode Sur.

No. 3530, value \$1497.22, is also credited to this claim.

The incline shaft, improvement No. 1 Wisconsin lode Sur. No. 3530, 5 x 7 ft. x a total depth of 190 ft. together with its first and second levels, has been credited to the Wisconsin and Teddy lodes Sur. No. 3530 and to the Old Timer and Junction lodes Sur. No. 3529, claimant herein. This improvement has been extended as follows:

From the 190 ft. point this shaft, 7 x 11 ft. in cross section, has been sunk in its N. 60° E. direction 36 ft. on an incline of 43° 30', thence 30 ft. on an incline of 60° to a total depth on this date of 256 ft. old and new work combined.

Further extension of this improvement consists of a drift 6 x 7 ft. which, from the N. W. side of the shaft at a point 161 ft. from the surface, has

SURVEY NO. 3631.

been driven 102 ft. to face in a N. 56° W. direction.

From the S. E. side of the shaft on the same level a drift 6 x 7 ft. has been driven 40 ft. in a S. 43° E. direction, thence S. 62° E. 34 ft. to face.

From a point at the S. E. side of the shaft at 246 ft. from the surface a drift 4 x 6 ft. runs S. 40° E. 20 ft. to face.

Total value of all new work \$4500.00

Total value of common improvement \$13,475.00

Value of an undivided one-ninth interest, \$1497.22, credited to each lode location of this claim and to each of the Wisconsin and Teddy lodes Sur. No. 3530 and also to each of the Old Timer and Junction lodes Sur. No. 3529.

The surface of this entire claim, consisting of the aforesaid 9 lode claims, is gently rolling ground and the central position of improvement No. 1 Wisconsin lode Sur. No. 3530 makes possible the most effective development of the entire claim with the greatest economy. Therefore, an undivided one-ninth interest in this common improvement, value \$1497.22, is credited to each lode location of the claim.

OTHER IMPROVEMENTS.

None.

INSTRUMENT.

This survey was made with a C. L. Berger & Sons No. 4 transit. The courses were deflected from a meridian established in connection with my survey No. 3628. The distances were measured with a Lufkin 660 ft. steel tape.

REPORT.

The S. E. Cor. to Sec. 7, T. 7 N., R. 12 W., and the $\frac{1}{4}$ Cor. to Secs. 7 and 12, T. 7 N., Rs. 12 and 13

SURVEY NO. 3631.

W., G. S. R. M., are the regular metallic posts as have been adopted by the General Land Office for use on the public surveys and are properly marked.

Cor. No. 3 Wisconsin lode Sur. No. 3530 is a $\frac{3}{4}$ in. iron pipe showing 6 ins. above mound of earth and stone, stamped W.3.3530.

Cor. No. 4 Wisconsin lode Sur. No. 3530 is a $\frac{3}{4}$ in. iron pipe showing 6 ins. above mound of earth and stone, stamped W.4.3530.

The S. E. Cor. Mobile Bay lode unsurveyed is a stone monument.

The course S. 54° 47' E., of the north side line American Flag lode unsurveyed, shown on the official plat of Sur. No. 3530, is in error.

I find the line between the $\frac{1}{4}$ Cor. to Secs. 7 and 12 and the corner to Secs. 7, 18, 13 and 12, T. 7 N., Rs. 12 and 13 W., G. S. R. M., to be North 2673.2 ft. and that the length of the same line shown on the official plat of Sur. No. 3529 is in error.

Note: The disagreement between these field notes and the location notices is due to errors in the latter.

FINAL OATHS FOR SURVEYS.

LIST OF NAMES.

A list of the names of the individuals employed by C. C. Thompson
 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 _____
 _____ Black Giant Mines Company _____
 known as the North Star, Little Gem No. 1, Anna Mc, Red Rose, Buck lodes
 and showing the respective capacities in which they acted.

J. Byard Swift _____, *Chainman.*
 _____, *Chainman.*
 _____, *Arman.*
 _____, *Flagman.*

FINAL OATHS OF ASSISTANTS.

We, I. J. Byard Swift, _____
 and _____, do solemnly swear that we assisted _____
C. C. Thompson, United States Mineral Surveyor, in marking the corners and surveying
 the boundaries of the mining claim of Black Giant Mines Company

 known as the North Star, Little Gem No. 1, Anna Mc, Red Rose, Buck 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.

J. Byard Swift _____, *Chainman.*
 _____, *Chainman.*
 _____, *Arman.*
 _____, *Flagman.*

Subscribed and sworn to by the above-named persons before me this 26
 day of December, 19 19.

Tom Dordson

 Notary Public.



FINAL OATH OF U. S. MINERAL SURVEYOR.

I, C. C. Thomson, U. S. Mineral Surveyor,
do solemnly swear that, in pursuance of instructions received from the United States
Surveyor General for Arizona, dated
November 12, 1919, ~~Amended November 24, 1919.~~, 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 Giant Mines Company

North Star, Little Gem No. 1, Anna Mo, Red Rose, Buck lodes,
situate in Ellsworth Mining District,

all uns., Yuma County, Arizona, in Section 8
7, 18, 19, Township No. 7 N., Range No. 12 and 13 W., G. S. R. M.,
and designated as Survey No. 3631

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. except that portion of the common improvement shown in notes of Sur. Nos. 3529 and 3530.

C. C. Thomson
U. S. Mineral Surveyor.

Subscribed and sworn to by the said C. C. Thomson
U. S. Mineral Surveyor, before me a Notary Public
this 26
day of December, 19 19.

Tommy Johnson
Notary Public.

My Commission expires March 29, 1922.



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

Department of the Interior,

OFFICE OF U. S. SURVEYOR-GENERAL,

Phoenix, Arizona,

April 22., 1920

I, U. S. Surveyor-General for Arizona

do hereby certify that the foregoing transcript of the Field Notes, return and approval of the survey of the mining claim of Black Giant Mines Company

known as the NORTH STAR, LITTLE GEM NO.1, ANNA MC, RED ROSE, BUCK Lodes situate in Ellsworth

Mining District, Yuma County, Arizona

in Section s 7, 18, 12, Township No. 7 N., Range No. 12 and 13 W., GSRM and

designated as Survey No. 3631, 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 11 shafts & 5/9 interest in incline shaft, No. 1 Wisconsin lode, Sur. No. 3530. Value \$ 8991.10

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.

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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,

April 22, 1920.

I, U. S. Surveyor General for Arizona,

do hereby certify that the foregoing and hereto attached Field Notes and Return of the Survey of the Mining Claim of Black Giant Mines Company

known as the NORTH STAR, LITTLE GEM NO.1, ANNA MC, RED ROSE and BUCK Lodes

situate in Ellsworth mining district, Yuma County, Arizona

in Sections 7, 18, 12 all uns., Township No. 7 N., Range No. 12 and 13 W. G. S. R. M. designated as Survey No. 3631

executed by C. C. Thompson, U. S. Mineral Surveyor, December 9, -18, 1919, under my instructions dated

November 12, 1919, 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.

Handwritten signature of the Surveyor General

U. S. Surveyor General for Arizona.