

MINERAL SURVEY No. 3628

Arizona Land District

FIELD NOTES

OF THE SURVEY OF THE MINING CLAIM OF

Black Giant Mines Company.

KNOWN AS THE

SUN SET NO.1, SUN SET NO.2, SUN SET NO.3, SUN SET EXTENSION NO.1, SUN SET EXTENSION NO.2, SUNSET EXTENSION NO.3, SUNSET EXTENSION NO.4, SUN SET EXTENSION NO.5, NORTH SUN SET, COPPER BLOSSOM GOSSAN NO.1, and COPPER BLOSSOM GOSSAN NO.2 Lodes,

Ellsworth Mining District

Yuma County, Arizona

Section 31 uns., 6 uns., 1 uns., 36 Township 8 N., 7 N., 8 N. Range 12 W., 12 W., 13 W.

Surveyed under instructions dated September 23, 1919. Amended November 24, 1919.

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

Claim located See location notices, 19

Survey commenced November 10, 1919.

Survey completed November 30, 1919.

Address of claimant's Atty. H. W. Rose, Yuma, Arizona.

DATES OF AMENDED LOCATIONS.

Empty lines for amended locations.

MINERAL SURVEY NO. 3628

Claims	M&B Desc.	Imprvmts.	Loc. Notices
Copper Blossom Gossan No. 1	Pg. 11	Pg. 17	Red Pg. 9
" " " " No. 2	12	17	10
North Sun Set	9	17	8
Sun Set No. 1	1	14	1
" " " 2	2	15	2
" " " 3	3	15	3
Sun Set Extension No. 1	4	16	4
" " " No. 2	5	16	5
Sunset " No. 3	6	16	6
" " " No. 4	7	16	12
Sun Set " No. 5	8	17	7

SUN SET NO. 1 LODGE.

Beginning at Cor. No. 1.

Identical with Cor. No. 1-1-1 Sun Set Extension No. 1, Sun Set Extension No. 2 and North Sun Set lodges, all of this survey.

A face of a cliff 2 x 2 ft. x 2 ft. above ground, with mound of stone, chiseled 1S1-1SE1-1SE2-1NS-3628 and a cross at corner point,

whence,

The N. W. Cor. Sec. 6, T. 7 N., R. 12 W., G. S. R. M., bears N. 84° 52' W. 418.50 ft.

No other bearings available.

Feet.

Thence N. 40° 42' E.

300

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

310

Road running northwesterly and southeasterly.

600

To Cor. No. 2.

Identical with Cor. No. 1-1-2 Sunset Extension No. 3, ~~Sun Set~~ ^{Sunset} Extension No. 4 and North Sun Set lodges respectively, all of this survey.

A stone 10 x 10 ins. x 26 ins. long, set 16 ins. in the ground, with mound of stone, chiseled 2S1-1SE3-1SE4-2NS-3628 and a cross at corner point,

whence,

A cross on the face of a boulder 2 x 6 ft. x 4 ft. high, chiseled 2S1-1SE3-1SE4-2NS-3628-BR, bears N. 40° 42' E. 4.4 ft.

No other bearings available.

Thence S. 42° 38' E.

1494

To Cor. No. 3.

Identical with Cor. No. 2-4-1 Sun Set No. 3, ~~Sun Set~~ ^{set} Extension No. 4 and Sun Set Extension No. 5 lodges respectively, all of this survey.

A stone 6 x 12 x 26 ins., set 16 ins. in the

SURVEY NO. 3628.

Feet. ground, with mound of stone, chiseled 3S1-2S2-4SE4-1SE5-3628 and a cross at corner point.

No bearings available.

Thence S. 40° 42' W.

300 The south end center, being a stone monument, on line.
600 To Cor. No. 4.

Identical with Cor. No. 1-4 Sun Set No. 2 and Sun Set Extension No. 1 lodes respectively, both of this survey.

A rock face 2 x 3 ft. x 3 ft. high, with mound of stone, chiseled 4S1-1S2-4SE1-3628 and a cross at corner point.

No bearings available.

Thence N. 42° 38' W.

1494 To Cor. No. 1 the place of beginning.

SUN SET NO. 2 LODE.

Beginning at Cor. No. 1.

Identical with Cor. No. 4-4 Sun Set No. 1 and Sun Set Extension No. 1 lodes both of this survey, previously described,
whence,

The N. W. Cor. Sec. 6, T. 7 N., R. 12 W., G. S. R. M., bears N. 51° 29' 50" W. 1825.65 ft.

Thence N. 40° 42' E.

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

Identical with Cor. No. 3-4-1 Sun Set No. 1, Sun Set Extension No. 4 and Sun Set Extension No. 5 lodes respectively all of this survey, previously described.

Thence S. 56° 42' E.

1471.2 To Cor. No. 3.

SURVEY NO. 3628.

Feet.	Identical with Cor. No. 2-4 Sun Set No. 3 and Sun Set Extension No. 5 lodes respectively, both of this survey.
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A rock face 2 x 3 ft. x 3 ft. above ground, with mound of stone, chiseled 3S2-2S3-4SE5-3628 and a cross at corner point.

No bearings available.

Thence S. 40° 42' W.

300	The east end center, being a stone monument, on line.
600	To Cor. No. 4.

Identical with Cor. No. 1 Sun Set No. 3 lode of this survey.

A stone 6 x 12 x 26 ins. set 16 ins. in the ground, with mound of stone, chiseled 4S2-1S3-3628 and a cross at corner point.

No bearings available.

Thence N. 56° 42' W.

1471.2	To Cor. No. 1 the place of beginning.
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SUN SET NO. 3 LODE.

Beginning at Cor. No. 1.

Identical with Cor. No. 4 Sun Set No. 2 lode of this survey previously described, whence,

The $\frac{1}{4}$ Sec. Cor. to Secs. 6 and 1, T. 7 N., Rs. 12 and 13 W., G. S. R. M., bears S. 75° 38' 10" W. 2744.13 ft.

Thence N. 40° 42' E.

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

Identical with Cor. No. 3-4 Sun Set No. 2 and Sun Set Extension No. 5 lodes respectively, both of this survey, previously described.

SURVEY NO. 3628.

Feet. Thence S. 44° 07' E.

1431 To Cor. No. 3.

A rock face 3 x 5 ft. x 10 ft. high, with mound of stone, chiseled 3S3-3628 and a cross at corner point.

No bearings available.

Thence S. 40° 42' W.

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

600 To Cor. No. 4.

A rock face 3 x 3 ft. x 2 ft. high, with mound of stone, chiseled 4S3-3628 and a cross at corner point.

No bearings available.

Thence N. 44° 07' W.

1431 To Cor. No. 1, the place of beginning.

SUN SET EXTENSION NO. 1

Beginning at Cor. No. 1.

Identical with Cor. No. 1-1-1 Sun Set No. 1, Sun Set Extension No. 2 and North Sun Set lodes, all of this survey, previously described, whence,

The N. W. Cor. Sec. 6, T. 7 N., R. 12 W., G. S. R. M., bears N. 84° 53' W. 418.50 ft.

Thence S. 40° 42' W.

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

600 To Cor. No. 2.

Identical with Cor. No. 2 Sun Set Extension No. 3 lode of this survey.

A stone 5 x 12 x 26 ins. set 16 ins. in the ground, with mound of stone, chiseled 2SE1-2SE2-3628 and a cross at corner point.

No bearings available.

Thence S. 42° 38' E.

SURVEY NO. 3628.

Feet.
1494

To Cor. No. 3.

A stone 12 x 14 x 28 ins. set 16 ins. in the ground, with mound of stone, chiseled 3SE1-3628 and a cross at corner point.

No bearings available.

Thence N. 40° 42' E.

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

600 To Cor. No. 4.

Identical with Cor. No. 4-1 Sun Set No. 1 and Sun Set No. 2 lodes respectively, both of this survey, previously described.

Thence N. 42° 38' W.

1494 To Cor. No. 1 the place of beginning.

SUN SET EXTENSION NO. 2 LODGE.

Beginning at Cor. No. 1..

Identical with Cor. No. 1-1-1 Sun Set No. 1, Sun Set Extension No. 1 and North Sun Set lodes, all of this survey, previously described, whence,

The N. W. Cor. Sec. 6, T. 7 N., R. 12 W., G. S. R. M., bears N. 84° 52' W. 418.50 ft.

Thence S. 40° 42' W.

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

600 To Cor. No. 2.

Identical with Cor. No. 2 Sun Set Extension No. 1 lode of this survey, previously described.

Thence N. 48° 24' W.

34.12 Intersect west boundary Sec.6, T. 7 N., R. 12 W., G. S. R. M., at South 469.68 ft. from its N. W. Cor. and at North 2155.32 ft. from the $\frac{1}{4}$ Cor. on said west boundary Sec. 6.

742.01 Intersect south boundary Sec. 36, T. 8 N., R. 13 W., G. S. R. M., at N. 89° 58' W. 529.36 ft. from its S. E. Cor. and at S. 89° 58' E. 2126.84 ft. from the $\frac{1}{4}$ Cor.

SURVEY NO. 3628.

<p>Feet. 1500</p>	<p>on said south boundary Sec. 36. To Cor. No. 3. A stone 6 x 7 x 26 ins. set 14 ins. in the ground, with mound of stone, chiseled 3SE2-3628 and a cross at corner point. No bearings available.</p>
<p>300 600</p>	<p>Thence N. 40° 42' E. The west end center, being a stone monument, on line. To Cor. No. 4. Identical with Cor. No. 4 North Sun Set lode of this survey. A stone 8 x 14 x 24 ins. set 14 ins. in the ground, with mound of stone, chiseled 4SE2-4NS-3628 and a cross at corner point. No bearings available.</p>
<p>942.60</p>	<p>Thence S. 48° 24' E. Intersect east boundary Sec. 36, T. 8 N., R. 13 W., G. S. R. M., at North 332.62 ft. from its S. E. Cor. and at South 2320.08 ft. from the $\frac{1}{4}$ Cor. on said east boundary Sec. 36.</p>
<p>1500</p>	<p>To Cor. No. 1 the place of beginning. ----- SUNSET EXTENSION NO. 3 LODE. Beginning at Cor. No. 1. Identical with Cor. No. 2-1-2 Sun Set No. 1, Sun Set Extension No. 4 and North Sun Set lodes respectively, all of this survey, previously described, whence, The N. W. Cor. Sec. 6, T. 7 N., R. 12 W., G. S. R. M., bears S. 62° 40' 50" W. 909.53 ft.</p>
<p>6 306</p>	<p>Thence N. 40° 42' E. The east end center, being a stone monument, on line. To Cor. No. 2. On line 1-2 ^{Sunset} Sun Set Extension No. 4 lode of this survey. A stone 5 x 12 x 26 ins. set 16 ins. in the ground, with mound of stone, chiseled 2SE3-3628 and a cross at</p>

SURVEY NO. 3628.

Feet. corner point.
 No bearings available.

 Thence N. 48° 24' W.

503.40 Intersect south side line Jessie lode unsurveyed, Ranier
 Mines Corporation claimant, at N. 80° 00' W. 21.39 ft.
 from its S. E. Cor.
 775 To Cor. No. 3.
 A stone 7 x 12 x 26 ins. set 16 ins. in the ground,
 with mound of stone, chiseled 3SE3-3628 and a cross at
 corner point, whence,
 A cross on a boulder 5 x 6 ft. x 3 ft. high, chi-
 seled 3SE3-3628-BR, bears N. 40° 42' E. 2.4 ft.
 The S. E. Cor. Jessie lode unsurveyed bears S. 50°
 37' E. 290.03 ft.

 Thence S. 40° 42' W.

165.51 Intersect south side line Jessie lode unsurveyed at N.
 80° 00' W. 337.22 ft. from its S. E. Cor.

203 Road running northwesterly and southeasterly.

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

306 To Cor. No. 4.
 On line 2-3 North Sun Set lode of this survey.
 A stone 5 x 14 x 28 ins. set 16 ins. in the ground,
 with mound of stone, chiseled 4SE3-3628 and a cross at
 corner point.
 No bearings available.

 Thence S. 48° 24' E.

548 Road running northerly and southerly.

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

~~SUN SET~~
 SUNSET EXTENSION NO. 4 LODE.
 Beginning at Cor. No. 1.
 Identical with Cor. No. 2-1-2 Sun Set No. 1, Sunset
 Extension No. 3 and North Sun Set lodes respectively,
 all of this survey, previously described, whence,
 The N. W. Cor. Sec. 6, T. 7 N., R. 12 W., G. S. R. M.,
 bears S. 62° 40' 50" W. 909.53 ft.

SURVEY NO. 3628.

		Thence N. 40° 42' E.
300		The north end center, being a stone monument, on line.
306		Cor. No. 2 Sunset Extension No. 3 lode of this survey
		on line.
600		To Cor. No. 2.
		Identical with Cor. No. 1 Copper Blossom Gossan
		No. 1 lode of this survey.
		A rock in place 10 x 16 ins. x 10 ins. above ground,
		with mound of stone, chiseled 2SE4-1CBG1-3628 and a cross
		at corner point, whence,
		A cross on a rock in place 4 x 4 ft. x 2 ft. above
		ground, chiseled 2SE4-1CBG1-3628-BR, bears N. 40° 42' E.
		2.9 ft.
		No other bearings available.

		Thence S. 42° 38' E.
1494		To Cor. No. 3.
		Identical with Cor. No. 2-4-1 Sun Set Extension No.
		5, Copper Blossom Gossan No. 1 and Copper Blossom Gossan
		No. 2 lodes respectively, all of this survey.
		A stone 7 x 8 x 24 ins. set 14 ins. in the ground,
		with mound of stone, chiseled 3SE4-2SE5-4CBG1-1CBG2-
		3628 and a cross at corner point.
		No bearings available.

		Thence S. 40° 42' W.
300		The south end center, being a stone monument, on line.
600		To Cor. No. 4.
		Identical with Cor. No. 3-2-1 Sun Set No. 1, Sun
		Set No. 2 and Sun Set Extension No. 5 lodes respectively,
		all of this survey, previously described.

		Thence N. 42° 38' W.
1494		To Cor. No. 1 the place of beginning.

		SUN SET EXTENSION NO. 5 LODE.
		Beginning at Cor. No. 1.
		Identical with Cor. No. 3-2-4 Sun Set No. 1, Sun
		Set No. 2 and ^{Sunset} Sun Set Extension No. 4 lodes respectively,
		all of this survey, previously described,
		whence,
		The N. W. Cor. Sec. 6, T. 7 N., R. 12 W., G. S. R.

SURVEY NO. 3628.

Feet. M., bears N. 69° 28' W. 1943.45 ft.

Thence N. 40° 42' E.

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

600 To Cor. No. 2.

Identical with Cor. No. 3-4-1 ^{Sunset} ~~Sun Set~~ Extension No. 4, Copper Blossom Gossan No. 1 and Copper Blossom Gossan No. 2 lodes respectively, all of this survey, previously described.

Thence S. 56° 42' E.

1471.2 To Cor. No. 3.

Identical with Cor. No. 4 Copper Blossom Gossan No. 2 lode of this survey.

A rock in place 2 x 2 ft x 2 ft. above ground, with mound of stone, chiseled 3SE5-4CBG2-3628 and a cross at corner point.

No bearings available.

Thence S. 40° 42' W.

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

600 To Cor. No. 4.

Identical with Cor. No. 3-2 Sun Set No. 2 and Sun Set No. 3 lodes respectively, both of this survey, previously described.

Thence N. 56° 42' W.

1471.2 To Cor. No. 1 the place of beginning.

NORTH SUN SET LODE.

Beginning at Cor. No. 1

Identical with Cor. No. 1-1-1 Sun Set No. 1, Sun Set Extension No. 1 and Sun Set Extension No. 2 lodes, all of this survey, previously described, whence,

The N. W. Cor. Sec. 6, T. 7 N., R. 12 W., G. S. R. M., bears N. 84° 52' W. 418.50 ft.

SURVEY NO. 3628.

Feet.	Thence N. 40° 42' E.
300	The east end center, being a stone monument, on line.
310	Road running northwesterly and southeasterly.
600	To Cor. No. 2. Identical with Cor. No. 2-1-1 Sun Set No. 1, Sunset Extension No. 3 and ^{Sunset} Sun-Set Extension No. 4 lodes respectively, all of this survey, previously described.
	----- Thence N. 48° 24' W.
227	Road running northerly and southerly.
775	Cor. No. 4 Sunset Extension No. 3 lode of this survey on line.
1005.54	Intersect south side line Jessie lode unsurveyed at N. 80° 00' W. 605.30 ft. from its S. E. Cor.
1080.62	Intersect east boundary Sec. 36, T. 8 N., R. 13 W., G. S. R. M., at North 1134.88 ft. from its S. E. Cor. and at South 1517.82 ft. from the $\frac{1}{4}$ Cor. on said east boundary Sec. 36.
1500	To Cor. No. 3. A rock in place 16 x 16 ins. x 12 ins. above ground, with mound of stone, chiseled 3NS-3628 and a cross at corner point. No bearings available.
	----- Thence S. 40° 42' W.
300	The west end center, being a stone monument, on line.
301.32	Intersect south side line Jessie lode unsurveyed at N. 80° 00' W. 1180.28 ft. from its S. E. Cor.
600	To Cor. No. 4. Identical with Cor. No. 4 Sun Set Extension No. 2 lode of this survey, previously described.
	----- Thence S. 48° 24' E.
942.60	Intersect east boundary Sec. 36, T. 8 N., R. 13 W., G. S. R. M., at North 332.62 ft. from its S. E. Cor. and at South 2320.08 ft. from the $\frac{1}{4}$ Cor. on said east boundary Sec. 36.

SURVEY NO. 3628.

Feet.
1500

To Cor. No. 1 the place of beginning.

COPPER BLOSSOM GOSSAN NO. 1 LODE.

Beginning at Cor. No. 1.

Identical with Cor. No. 2 ^{Sunset} ~~Sun Set~~ Extension No. 4 lode of this survey, previously described, whence,

The N. W. Cor. Sec. 6, T. 7 N., R. 12 W., G. S. R. M., bears S. 53° 58' 10" W. 1483.04 ft.

Thence N. 40° 42' E.

300

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

600

To Cor. No. 2.

A stone 5 x 14 x 24 ins. set 14 ins. in the ground, with mound of stone, chiseled 2CBG1-3628 and a cross at corner point.

No bearings available.

Thence S. 42° 38' E.

1494

To Cor. No. 3.

Identical with Cor. No. 2 Copper Blossom Gossan No. 2 lode of this survey.

A rock face 1 x 4 ft. x 2 ft. high, with mound of stone, chiseled 3CBG1-2CBG2-3628 and a cross at corner point.

No bearings available.

Thence S. 40° 42' W.

300

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

600

To Cor. No. 4.

Identical with Cor. No. 3-2-1 ^{Sunset} ~~Sun Set~~ Extension No. 4, Sun Set Extension No. 5 and Copper Blossom Gossan No. 2 lodges respectively, all of this survey, previously described.

Thence N. 42° 38' W.

SURVEY NO. 3628.

Feet.
1494

To Cor. No. 1 the place of beginning.

COPPER BLOSSOM GOSSAN NO. 2 LODE.

Beginning at Cor. No. 1.

Identical with Cor. No. 3-2-4 ^{Sunset} ~~Sun Set~~ Extension
No. 4, Sun Set Extension No. 5 and Copper Blossom Gossan
No. 1 lodes respectively, all of this survey, previously
described,
whence,

The N. W. Cor. Sec. 6, T. 7 N., R. 12 W., G. S. R.
M., bears N. 84° 08' 35" W. 2222.84 ft.

Thence N. 40° 42' E.

300

The west end center, being a stone monument, on line,

600

To Cor. No. 2.

Identical with corner No. 3 Copper Blossom Gossan
No. 1 lode of this survey, previously described.

Thence S. 56° 42' E.

1471.2

To Cor. No. 3.

A stone 5 x 7 x 26 ins. set 16 ins. in the ground,
with mound of stone, chiseled 3CBG2-3628 and a cross
at corner point.

No bearings available.

Thence S. 40° 42' W.

300

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

600

To Cor. No. 4.

Identical with Cor. No. 3 Sun Set Extension No. 5
lode of this survey, previously described.

Thence N. 56° 42' W.

1471.2

To Cor. No. 1 the place of beginning.

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

SURVEY NO. 3628.

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:

Sun Set No. 1 lode, 70 ft. S. 42° 38' E. and 1424 ft. N. 42° 38' W.

Sun Set No. 2 lode, 38 ft. N. 56° 42' W. and 1433.2 ft. S. 56° 42' E.

Sun Set No. 3 lode, 31 ft. N. 44° 07' W. and 1400 ft. S. 44° 07' E.

Sun Set Extension No. 1 lode, 370 ft. N. 42° 38' W. and 1124 ft. S. 42° 38' E.

Sun Set Extension No. 2 lode, 490 ft. S. 48° 24' E. and 1010 ft. N. 48° 24' W.

Sunset Extension No. 3 lode, 243 ft. S. 48° 24' E. and 532 ft. N. 48° 24' W.

^{Sunset}
~~Sun Set~~ Extension No. 4 lode, 40 ft. S. 42° 38' E. and 1454 ft. N. 42° 38' W.

Sun Set Extension No. 5 lode, 50 ft. N. 56° 42' W. and 1421.2 ft. S. 56° 42' E.

North Sun Set lode, 76 ft. S. 48° 24' E. and 1424 ft. N. 48° 24' W.

Copper Blossom Gossan No. 1 lode, 165 ft. S. 42° 38' E. and 1329 ft. N. 42° 38' W.

Copper Blossom Gossan No. 2 lode, 160 ft. N. 56° 42' W. and 1311.2 ft. S. 56° 42' E.

AREA.

Total area Sun Set No. 1 lode	20.439	Acres.
Total area Sun Set No. 2 lode	20.096	"
Total area Sun Set No. 3 lode	19.630	"
Total area Sun Set Extension No. 1 lode	20.439	"
Total area Sun Set Extension No. 2 lode	20.659	"
Total area Sunset Extension No. 3 lode	5.444	"

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Area in conflict with Jessie lode unsurveyed 0.516 Acres.
 Total area ~~Sun Set~~^{Sunset} Extension No. 4 lode 20.439 "
 Total area Sun Set Extension No. 5 lode 20.096 "
 Total area North Sun Set lode 20.659 "
 Area in conflict with Jessie lode unsurveyed 1.710 "
 Total area Copper Blossom Gossan No. 1 lode 20.439 "
 Total area Copper Blossom Gossan No. 2 lode 20.096 "

 LOCATION.

This claim is located in the ~~S. 1/2~~ Sec. 31, unsurveyed, T. 8 N., R. 12 W., the ~~N. 1/2~~ and the ~~S. E. 1/4~~ Sec. 6, unsurveyed, T. 7 N., R. 12 W., the ~~N. E. 1/4~~ Sec. 1, unsurveyed, T. 7 N., R. 13 W., and in the S. E. 1/4 Sec. 36, T. 8 N., R. 13 W., G. S. R. M., Ellsworth Mining District, Yuma County, Arizona.

 ADJOINING CLAIMS.

This claim is joined on the north by the Jessie lode unsurveyed, Ranier Mines Corporation claimant. Other adjoining locations 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 locations embraced in this claim, by the claimant or its grantors, is not less than five hundred dollars, and that said improvements consist of:

Sun Set No. 1 Lode.

No. 1 The discovery out the face of which being the discovery point is on the center line 70 ft. from the center of line 3-4, 10 ft. face, 6 ft. wide running West 14 ft.

Value \$100.00

No. 2 A shaft which from Cor. No. 1 bears N. 83° 45' E. 350 ft., 4 x 7 ft. in the clear timbered into two compartments 285 ft. deep. at 250 ft. from the surface a drift

4½ x 6½ ft. runs N. 39° E. 13 ft. to a point whence the face of a drift 4½ x 6½ ft. bears N. 45° W. 27 ft., thence East 20 ft., thence S. 57° 20' E. 56.8 ft., thence S. 50° 00' E. 142.3 ft., thence S. 45° 30' E. 82 ft. to a point whence the face of a drift 4 x 6 ft. bears S. 17° W. 27 ft., thence S. 45° 30' E. 108.5 ft., thence S. 24° 30' E. 60 ft. thence S. 5° 05' E. 53 ft. to a point whence the face of a drift bears S. 11° W. 57 ft., thence S. 39° 40' E. 15.8 ft., thence S. 69° 10' E. 69.4 ft., thence N. 87° 45' E. 41.5 ft., thence N. 60° 40' E. 80 ft. to face.

Value \$22,000.00

Value of an undivided one-eleventh interest credited to this claim \$2000.00

No. 3

A tunnel the mouth of which from Cor. No. 4 bears N. 11° 47' E. 332 ft., 4 x 6 ft. running S. 62° E. 64 ft., thence S. 88° 10' E. 29 ft. whence the face of a tunnel 4 x 6 ft. bears S. 75° E. 61 ft., thence N. 55° E. 20 ft., thence S. 61° 15' E. 16.2 ft. thence S. 70° 25' E. 35.1 ft., thence S. 51° 12' E. 31.8 ft., thence S. 46° E. 19 ft. to face.

Value \$3000.00

Sun Set No. 2 Lode.

No. 1

The discovery cut the face of which being the discovery point is on the center line 38 ft. from the center of line 1-2, 10 ft. face, 6 ft. wide running West 14 ft.

Value \$100.00

Note: An undivided one-eleventh interest in improvement No. 2 Sun Set No. 1 lode, value \$2000.00, is also credited to this claim.

Sun Set No. 3 Lode.

No. 1

The discovery cut the face of which being the discovery point is on the center line 31 ft. from the center of line 1-2, 8 ft. face, 6 ft. wide running S. 20° W. 12 ft.

Value \$75.00

SURVEY NO. 3628.

Note: An undivided one-eleventh interest in improvement No. 3 Sun Set No. 1 lode, value \$2000.00, is also credited to this claim.

Sun Set Extension No. 1 Lode.

No. 1 The discovery cut the face of which being the discovery point is on the center line 370 ft. from the center of line 1-2, 10 ft. face, 5 ft. wide running S. 45° E. 12 ft. Value \$80.00

Note: An undivided one-eleventh interest in improvement No. 2 Sun Set No. 1 lode, value \$2000.00, is also credited to this claim.

Sun Set Extension No. 2 Lode.

No. 1 The discovery out the face of which being the discovery point is on the center line 490 ft. from the center of line 1-2, 8 ft. face 4 1/2 ft. wide running S. 45° E. 14 ft. Value \$70.00

Note: An undivided one-eleventh interest in improvement No. 2 Sun Set No. 1 lode, value \$2000.00, is also credited to this claim.

Sunset Extension No. 3 Lode.

No. 1 The discovery cut the face of which being the discovery point is on the center line 243 ft. from a point on line 1-2 which point is 6 ft. from Cor. No. 1 and 300 ft. from Cor. No. 2, 8 ft. face, 6 ft. wide running S. 45° E. 12 ft. Value \$70.00

Note: An undivided one-eleventh interest in improvement No. 2 Sun Set No. 1 lode, value \$2000.00, is also credited to this claim.

~~Sun Set~~ ^{Sunset} Extension No. 4 Lode.

No. 1 The discovery cut the face of which being the discovery point is on the center line 40 ft. from the center of line 3-4, 10 ft. face, 6 ft. wide running N. 30° W.

SURVEY NO. 3628.

14 ft. Value \$100.00

Note: An undivided one-eleventh interest in improvement No. 2 Sun Set No. 1 lode, value \$2000.00, is also credited to this claim.

Sun Set Extension No. 5 Lode.

No. 1 The discovery cut the face of which being the discovery point is on the center line 50 ft. from the center of line 1-2, 8 ft. face, 4 ft. wide running N. 30° E. 14 ft. Value \$80.00

Note: An undivided one-eleventh interest in improvement No. 2 Sun Set No. 1 lode, value \$2000.00, is also credited to this claim.

North Sun Set Lode.

No. 1 The discovery cut the face of which being the discovery point is on the center line 76 ft. from the center of line 1-2, 8 ft. face, 4 ft. wide running N. 50° E. 14 ft. Value \$80.00

Note: An undivided one-eleventh interest in improvement No. 2 Sun Set No. 1 lode, value \$2000.00, is also credited to this claim.

Copper Blossom Gossan No. 1 Lode.

No. 1 The discovery shaft is on the center line 165 ft. from the center of line 3-4, 4 x 6 ft. x 8 ft. deep. Value \$80.00

Note: An undivided one-eleventh interest in improvement No. 2 Sun Set No. 1 lode, value \$2000.00, is also credited to this claim.

Copper Blossom Gossan No. 2 Lode.

No. 1 The discovery cut the face of which being the discovery point is on the center line 160 ft. from the center of line 1-2, 8 ft. face 6 ft. wide running N. 40° W. 14 ft. Value \$80.00

SURVEY NO. 3628.

Note: An undivided one-eleventh interest in improvement No. 2 Sun Set No. 1 lode, value \$2000.00, is also credited to this claim.

The surface ground embraced within the boundaries of this claim is rough and rises to an altitude of several hundred feet in easterly, southerly and westerly directions from the collar of the shaft, improvement No. 2 Sun Set No. 1 lode. The lowest surface ground being in a northerly direction from this point and covers a portion of Sunset Extension No. 3 lode the surface ground of which location is in part of a higher altitude than the collar of the said shaft. The position of the said improvement No. 2 Sun Set No. 1 lode is as near to the center of this claim as the topography of its surface ground will permit and the extension of this improvement in proper directions will develop each and every location of this claim in the most economical and minerlike manner available. Therefore, an undivided one-eleventh interest in this improvement No. 2 Sun Set No. 1 lode, value \$2000.00, is credited to each lode location of this claim.

OTHER IMPROVEMENTS.

A house 16 x 48 ft. the N. E. Cor. of which from Cor. No. 2 North Sun Set lode bears S. 59° W. 200 ft. Course of long side S. 5° E. Claimant herein.

INSTRUMENT.

This survey was made with a C. L. Berger & Sons. No. 4 transit. The courses were deflected from a meridian established by observing Polaris at elongation at the north end center Sun Set No. 1 lode of this survey. The distances were measured with a Lufkin 660 ft. steel tape.

REPORT.

The N. W. Cor. Sec. 6, T. 7 N., R. 12 W. and the $\frac{1}{4}$ Sec. Cor. to Secs. 6 and 1, T. 7 N., Rs. 12 and 13 W., and

SURVEY NO. 3628.

also the $\frac{1}{4}$ Cors. on south and east boundaries of Sec. 36, T. 8 N., R. 13 W., G. S. R. M., are the regular metallic posts adopted by the General Land Office for use on the public surveys and are properly marked.

The S. E. Cor. Jessie lode unsurveyed is a stone monument.

I find the north one half of the west boundary of Sec. 6, T. 7 N., R. 12 W., to be North 2625.0 ft.

I find the south one half of the east boundary of Sec. 36, T. 8 N., R. 13 W., G. S. R. M., to be North 2652.7 ft. and the east one half of the south boundary of the same Sec. 36, to be N. 89° 58' W. 2656.2 ft.

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
Sun Set No. 1, Sun Set No. 2, Sun Set No. 3, Sun Set Extension No. 1,
~~known as the~~ Sun Set Extension No. 2, ~~Sunset~~ Extension No. 3, ~~Sun Set~~
Extension No. 4, Sun Set Extension No. 5, North Sun Set, Copper Blossom
and showing the respective capacities in which they acted. Gossan No. 1, Copper Blossom
Gossan No. 2 lodes

_____, Chainman.

J. Byard Swift _____, Chainman.

_____, Axman.

_____, 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

~~known as the~~ Sun Set No. 1, Sun Set No. 2, Sun Set No. 3, Sun Set Extension No. 1, Sun Set
Extension No. 2, ~~Sunset~~ Extension No. 3, ~~Sun Set~~ Extension No. 4, Sun Set
Extension No. 5, North Sun Set, Copper Blossom Gossan No. 1,
Copper Blossom Gossan No. 2 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 instructions furnished by the United States Surveyor-General for Arizona.

J. Byard Swift _____, Chainman.

_____, Chainman.

_____, Axman.

_____, Flagman.

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

day of December, 1919.

Tom Dodson

Notary Public.



FINAL OATH OF U. S. MINERAL SURVEYOR.

I, C. C. Thompson, U. S. Mineral Surveyor, do solemnly swear that, in pursuance of instructions received from the United States Surveyor General for Arizona, dated September 23, 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 known as the Sun Set No. 1, Sun Set No. 2, Sun Set No. 3, Sun Set Extension No. 1, Sun Set Extension No. 2, Sunset Extension No. 3, Sun Set Extension No. 4, Sun Set Extension No. 5, North Sun Set, Copper Blossom Gossan No. 1, Copper Blossom Gossan No. 2 Iodes' situate in Ellsworth Mining District, Yuma County, Arizona, in Section 31, 6, 1, 36, Township Nos 7, 8, N., Range No. s. 12 and 13 W., G.S.R.M., Tns. and designated as Survey No. 3628, 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.

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

Subscribed and sworn to by the said C. C. Thompson
U. S. Mineral Surveyor, before me a Notary Public
this 5
day of December, 19 19.

Tom Dodson
Notary Public.

My Commission expires March 29, 1922.



4-688

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, 191

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, Sun Set No.1, Sun Set No.2, Sun Set No.3, Sun Set Extension No.1, Sun Set Extension No.2, Sunset Extension No.3, Sunset Extension No.4, Sun Set Extension No.5, North ~~known as the~~ Sun Set, Copper Blossom Gossan No.1, Copper Blossom Gossan No.2 Lodes.

situate in Ellsworth

Mining District, Yuma County, Arizona

in Section 31, 6, 1, 36, Township No. 7, 8, N., Range No. 12, and 13 W., and G.S.R.M.

designated as Survey No. 3628, 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 or for each of upon said mining claim by claimant or its grantors, and that said improvements consist of 10 cuts, a shaft, a tunnel & a common improvement shaft with drifts, Value \$25,915.00

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.

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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, 191

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,

Sun Set No.1, Sun Set No.2, Sun Set No.3, Sun Set Extension No.1,
Sun Set Extension No.2, Sunset Extension No.3, Sunset Ex-~~known as the~~
tension No.4, Sun Set Extension No.5, North Sun Set, Copper Blossom
Gossan No.1, Copper Blossom Gossan No.2 Lodes.

situate in Ellsworth mining district,

Yuma County, Arizona.

in Sections 31, 6, 1, 36, Township Nos 7, 8, N., Range Nos. 12 and 13 W.

G. S. R. M., designated as Survey No. 3628

executed by C. C. Thompson, U. S. Mineral

Surveyor, November 10-30, 1919, under my instructions dated

September 23, 1919, 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.

Frank P. Frost

U. S. Surveyor General for Arizona.