

4-688

MINERAL SURVEY No. 4118

ARIZONA

Land District

FIELD NOTES

OF THE SURVEY OF THE MINING CLAIM OF

HARTMAN GOLD MINING COMPANY

KNOWN AS THE

Kokomo *1, Big Sight, Rancee, Jumbo, Relief, Arizona Bell, Caledonia, and Wedge Point Fraction *Lodes*
San Francisco Mining District,

Mohave County, Arizona

Section 13-14-23 & 24, Township 19 North, Range 20 West

Surveyed under instructions dated January 29, 1930

By L. H. FOSTER
U. S. Mineral Surveyor.

Claim located see location notices, 19

Survey commenced May 10, 1930

Survey completed May 31, 1930

Address of claimant's ^{Atty.} Louis L. Wallace, Atty. for Claimant
Kingman, Arizona

DATES OF AMENDED LOCATIONS

see back

Claim	LOCATED	AMENDED
Kokomo *I	April 12 1915	-----
Big Sight	March 29 1915	June 28, 1924
Rancee	January 5 1914	June 28, 1924
Jumbo	September 15 1914	June 28, 1924
Relief	September 22 1915	June 28, 1924
Arizona Bell	February 16 1915	June 28, 1924
Caledonia	May 26 1915	June 28, 1924
Wedge Point Fraction	May 15 1916	January 27, 1930

Mineral Survey No. 4118

feet

Jumbo lode

Beginning at Cor. No. 1.

A 1-3/4 inch pipe, 4 ft. long, painted white, with an iron cap punch marked for the exact corner, set 24 ins in the ground, in a mound of earth and stone, Cap stamped J-1-4118.

The corner of sections 13-14-23 & 24, T. 19 N. R.

20 W. bears S. 15° 42' 30" E. 584.32 ft.

Thence S. 42° 11' E.

1020.54 To Cors. No. 1, Hobo and Kokomo lodes, Sur. No. 3845 and Wedge Point Fraction lode, this survey, respectively.

1500.00 To Cor. No. 2. A 1-3/4 inch iron pipe, 4 ft. long, with an iron cap, punch marked for the exact corner, painted white and set 24 ins. in the ground, in a mound of earth and stone. Cap stamped J-2-4118.

Identical with Cor. No. 4, Wedge Point Fraction lode and on line I-2, Arizona Bell lode, this survey, at S. 52° 45' W. 202.30 ft. from Cor. No. 2.

Thence S. 52° 45' W.

114.47 To the north west end center, Arizona Bell lode, this survey.

299.12 To the south east end center monument of the location.

462.35 To Cors. No. 1, Arizona Bell and Rancee lodes, this survey.

600.23 To Cor. No. 3. A 1-3/4 inch iron pipe, 4 ft. long, with an iron cap, punch marked for the exact corner, painted white and set 24 ins. in the ground, in a mound of earth and stone. Cap stamped J-3-4118.

On line I-5, South Oversight lode, Sur. No. 3845 at N. 42° 11' W. 204.53 ft. from Cor. No. 5.

Thence N. 42° 11' W.

Mineral Survey No. 4118, cont.,

feet	Jumbo lode, cont.,
1288.37	To Cor. No. 1, South Oversight lode, Sur. No. 3845 and on line I-2, Oversight lode, Sur. No. 3845 at S. 55° 45' W. 107.93 ft. from Cor. No. 1.
1500.00	To Cor. No. 4. A 1-3/4 inch iron pipe, 4 ft. long, with an iron cap punch marked for the exact corner, painted white and set 24 ins. in the ground, in a mound of earth and stone. Cap stamped J-4-4118. Thence N. 52° 45' E.
125.17	Intersect line I-4, Oversight lode, Sur. No. 3845, at N. 37° 27' W. 216.50 ft. and S. 37° 27' E. 1277.49 ft. from Cors. No. 1 and 4, respectively.
215.43	Intersect line I-4, Hobo lode, Sur. No. 3845, at N. 62° 10' W. 1121.11 ft. and S. 62° 10' E. 375.34 ft. from Cors. No. 1 and 4, respectively.
301.11	To the north west end center monument of the location.
600.23	To Cor. No. 1, the place of beginning. All corners are identical with the location. No bearing objects available. Variation, all corners, 15° 30' East.
* * * * *	
Wedge Point Fraction lode.	
Beginning at Cor. No. 1.	
A redwood post, 4 ins. square, 4 ft. long, with a nail at the exact corner, set 18 ins. in the ground, in a mound of earth and stone, scribed WPF-1-4118.	
Identical with Cors. No. 1, Hobo and Kokomo lodes, Sur. No. 3845.	
The corner of sections 13-14-23 & 24, T. 19 N. R. 20' W. bears N. 69° 48' W. 561.42 ft.	

Mineral Survey No. 4118, cont.,

feet	Wedge Point Traction lode, cont.,
	Thence N. 52° 45' E.
50.00	To the north west end center monument of the location.
202.30	To Cor. No. 2
	A 1-3/4 inch iron pipe, 4 ft. long, with an iron cap punch marked for the exact corner, painted white and set 24 ins. in the ground, in a mound of earth and stone. Cap stamped WPF-2-4118.
	Thence S. 42° 11' E.
479.46	To Cor. No. 3.
	A 1-3/4 inch iron pipe, 4 ft. long, with an iron cap punch marked for the exact corner, painted white and set 24 ins. in the ground, in a mound of earth and stone. Cap stamped WPF-3-4118.
	On line I-4, Kokomo lode, Sur. No. 3845 at S. 64° 15' E. 536.11 ft. and N. 64° 15' W. 963.89 ft. from Cors. No. 1 and 4, respectively, and identical with Cor. No. 2, Arizona Bell lode, this survey.
	Thence S. 52° 45' W.
152.30	To the south east end center monument of the location.
202.30	To Cor. No. 4.
	A 1-3/4 inch Iron pipe, previously described. stamped WPF-4-4118.
	Identical with Cor. No. 2, Jumbo lode, this survey.
	Thence N. 42° 11' W.
479.46	To Cor. No. 1, the place of beginning.
	All corners are identical with the location.
	No bearing objects available.
	Variation, all corners, 15° 30' East.

Mineral Survey No. 4118, cont.,

feet	<p style="text-align: center;">Arizona Bell lode</p> <p style="text-align: center;">Beginning ^{at} Cor. No. I inch A 1-3/4 iron pipe, 4 ft. long, with an iron cap punch marked for the exact corner, painted white and set 24 in. in the ground, in a mound of earth and stone; Cap stamped AB-I-4118</p>
	<p style="text-align: center;">Identical with Cor. No. I, Rancee lode, this survey. The corner of sections 13-14-23 & 24, T. 19 N. R. 20 W. bears N. 30° 08' W. 958.46 ft. Thence N. 52° 45' E.</p>
163.23	To the southeast end center monument, Jumbo lode this survey.
347.82	To the north west end center monument of the location.
462.35	To Cors. No. 2 and 4, Jumbo and Wedge Point Fraction lodes, this survey, respectively.
512.35	To the south east end center monument, Wedge Point Fraction lode, this survey.
664.65	To Cor. No. 2. A 1-3/4 inch iron pipe, previously described, stamped AB-2-4118. Identical with Cor. No. 3, Wedge Point Fraction lode, this survey. Thence S. 64° 15' E.
963.89	To Cor. No. 1 and 4, Kokomo # I and Kokomo lodes, this survey and Sur. No. 3845, respectively
1366.62	To Cor. No. 4, Kokomo # lode, this survey.
1451.79	To Cor. No. 3. A 1-3/4 inch iron pipe, 4 ft. long, with an iron cap punch marked for the exact corner, painted white and set 24 ins. in the ground, in a mound of earth and stone. Cap stamped AB-3-4118. Thence S. 52° 45' W.
216.44	To the south east end center monument of the location.

Mineral Survey No. 4118, cont.,

feet

Arizona Bell lode, cont.,

402.51 To Cors. No. 1 and 2, Caledonia and Big Sight lodes, respectively, this survey.

564.32 To Cor. No. 4.

A 1-3/4 inch iron pipe, 4 ft. long, with an iron cap punch marked for the exact corner, painted white and set 24 ins. in the ground, in a mound of earth and stone. Cap stamped AB-4-4118.

Identical with Cor. No. 2, Rancee lode, this survey.

Thence N. 67° 40' W.

1500.00 To Cor. No. 1, the place of beginning.

All corners are identical with the location.

No bearing objects available.

Variation, all corners, 15° 30' East.

Rancee lode

Beginning ^{at} Cor. No. 1.

A 1-3/4 inch iron pipe, previously described, Stamped R-1-4118.

Identical with Cor. No. 1, Arizona Bell lode, this survey.

The corner of sections 13-14-23 and 24, T. 19 N. R. 20 W. bears N. 30° 08' W. 958.46 feet.

Thence S. 67° 40' E.

1500.00 To Cor. No. 2.

A 1-3/4 inch iron pipe, previously described, stamped R-2-4118.

Identical with Cor. No. 4, Arizona Bell lode, this survey.

Thence S. 52° 45' W.

143.13 To the northwest end center monument, Big Sight lode, this survey.

Mineral Survey No. 4118, cont.,

feet	Rancee lode, cont.,
347.88	To the south east end center monument of the location.
448.07	To Cor. No. 1, Big Sight lode, this survey, and intersect line 2-3 Relief lode, this survey, at S. 26° 55' E. 188.02 ft. from Cor. No. 2
695.76	To Cor. No. 3. A 1-3/4 inch iron pipe, 4 ft. long, with an iron cap punch marked for the exact corner, painted white and set 24 ins. in the ground, in a mound of earth and stone. Cap stamped R-3-4118.
214.50	Thence N. 67° 40' W. To Cor. No. 1, Relief lode, this survey, and intersect line 1-4. Hawkeye lode, Sur. No. 3342 at N. 36° 27' W. 948.30 ft. and S. 36° 27' E. 551.70 ft. from Cors. No. 1 and 4, respectively.
716.86	Intersect line 2-3. Three Square lode, Sur. No. 3845 at N. 39° 23' W. 770.48 ft. and S. 39° 23' E. 482.25 ft. from Cors. No. 2 and 3, respectively.
905.46	Intersect line 3-4, Hawkeye lode, Sur. No. 3342 at N. 59° 48' E. 242.25 ft. and S. 59° 48' W. 360.25 ft. from Cor. No. 3 and 4, respectively..
1292.30	Intersect line 4-5, South Oversight lode, Sur. No. 3845 at N. 55° 45' E. 126.24 ft. and S, 55° 45' W. 470.92 ft. from Cors. No. 4 and 5, respectively, And line 3-4, Three Square lode, Sur. No. 3845 at S. 55° 45' W. 273.76 ft. and N. 55° 45' E. 126.24 ft. from Cors. No. 3 and 4, respectively.
1500.00	To Cor. No. 4 A 1-3/4 inch iron pipe, 4 ft. long, with an iron cap punch marked for the exact corner, painted white and set 24 ins. in the ground, in a mound of earth and stone. Cap Stamped R-4-4118.

Mineral Survey No. 14118

feet	Rancee lode, conts,	feet
	Thence N. 52° 45' E.	
347.88	To the northwest end center monument of the location.	
557.88	To Cor. No. 3, Jumbo lode, this survey, and intersect line 5-1, South Oversight lode, Sur. No. 3845, at N. 42° 11' W. 204.53 ft. from Cor. No. 5.	
695.76	To Cor. No. 1, the place of beginning. All corners are identical with the location. No bearing objects available. Variation, all corners, 15° 30' East. * * * * *	
	Relief lode Beginning at Cor. No. 1. A 1-3/4 inch iron pipe, 4 ft. long, with an iron cap punch marked for the exact corner, painted white and set 24 ins. in the ground, in a mound of earth and stone. Cap stamped R-1-4118. <i>On line 4-1, Hawk Eye lode, Sur. No. 3842 at 536 27E 551.70 ft from Cor. No. 4. Also on line 3-4, Rancee lode, this survey, at N. 67° 20' W. 214.50 ft from Cor. No. 3.</i> The 1/4 corner between sections 23 and 24, T. 19 N. R. 20 W. bears S. 51° 32' W. 1417.72 ft. Thence N. 52° 45' E.	
285.00	To the north west end center monument of the location.	
390.00	To Cor. No. 2. A 1-3/4 inch iron pipe, 4 ft. long, with an iron cap punch marked for the exact corner, painted white and set 24 ins. in the ground, in a mound of earth and stone. Cap stamped R-2-4118. Thence S. 26° 55' E.	
188.02	To Cor. No. 1, Big Sight lode, this survey, and intersect line 2-3, Rancee lode, this survey, at N. 52° 45' E. 247.69 ft. from Cor. No. 3.	
1500.00	To Cor. No. 3. A 1-3/4 inch iron pipe, 4 ft. long, with an iron cap punch marked for the exact corner, painted white and set 24 ins. in the ground, in a mound of earth and stone. Cap stamped R-3-4118.	

Mineral Survey No. 3845, cont.,

feet

Relief lode, cont.,

feet

Thence S. 52° 45' W.

105.00 To the southeast end center monument of the location.

233.21 To Cor. No. 4.

A 1-3/4 inch iron pipe, 4 ft. long, with an iron cap punch marked for the exact corner, painted white and set 24 ins. in the ground, in a mound of earth and stone. Cap stamped R-4-4118.

On line 41, Pelican lode, Sur. No. 3342, at N.

26° 37' W. 963.31 ft. from Cor. No. 1.

Thence N. 26° 37' W.

536.69 To Cor. No. 5.

A redwood post, 4 ins. square, 4 ft. long, with a nail at the exact corner, properly set and scribed R-5-4118.

Identical with Cors. No. 1 and 4, Hawkeye and Pelican lodes, Sur. No. 3342, respectively.

Thence N. 36° 27' W.

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

All corners are identical with the location.

No bearing objects avail able.

Variation, all corners, 15° 30' East.

* * * * *

Big Sight lode

Beginning at Cor. No. 1.

A 1-3/4 inch iron pipe, 4 ft. long, with an iron cap punch marked for the exact corner, painted white and set 24 ins. in the ground, in a mound of earth and stone.

Cap stamped BS-1-4118.

The 1/4 corner between sections 23 and 24, T.19N.

Mineral Survey No. 4118

feet	
	Big Sight lode, cont., R. 20 W. bears S. 57° 45' W. 1780.44 ft. Thence N. 52° 45' E.
100.19	To the south east end center monument, Rancee lode, this survey.
304.94	To the north west end center monument of the location.
448.07	To Cors. 4 ^{and} -2, Arizona Bell and Rancee lodes, this survey.
609.88	To Cor. No. 2 A 1-3/4 inch iron pipe, 4 ft. long, with an iron cap punch marked for the exact corner, painted white and set 24 ins. in the ground, in a mound of earth and stone, cap stamped BS-2-4118. Identical with Cor. No. 1, Caledonia lode, this survey. Thence S. 26° 55' E.
1500.00	To Cor. No. 3. A 1-3/4 inch iron pipe, 4 ft. long, with an iron cap punch marked for the exact corner, painted white and set 24 ins. in the ground, in a mound of earth and stone. Cap stamped BS-3-4118. Identical with Cor. No. 4, Caledonia lode, this survey. Thence S. 52° 45' W.
304.94	To the south east end center monument of the location.
609.88	To Cor. No. 4 A 1-3/4 inch iron pipe, 4 ft. long, with an iron cap punch marked for the exact corner, painted white and set 24 ins. in the ground, in a mound of earth and stone. Cap stamped BS-4-4118. Thence N. 26° 55' W.
188.02	To Cor. No. 3, Relief lode, this survey.
1500.00	To Cor. No. 1, the place of beginning. All corners are identical with the location. Variation, all corners, 15° 30' East No bearing objects available.

Mineral Survey No. 4118, cont.,

feet

	Caledonia lode. Beginning ^{at} Cor. No. 1. A 1-3/4 inch iron pipe, previously described, stamped C-1-4118. Identical with Cor. No. 2, Big Sight lode, this survey. The Corner of sections 13-14-23 and 24 T. 19 N. R. 20 W. bears N. 56° 55' W. 2383.83 ft. Thence N. 52° 45' E.
186.07	To the north west end center monument of the location and identical with the south east end center, Arizona Bell lode, this survey.
402.57	To Cor. No. 3, Arizona Bell lode, this survey.
487.72	To Cor. No. 2. A 1-3/4 inch iron pipe, 4 ft. long, with an iron cap punch marked for the exact corner, painted white and set 24 ins. in the ground, in a mound of earth and stone. Cap stamped C-2-4118. Thence S. 31° 15' E.
1483.77	To Cor. No. 3. A 1-3/4 inch iron pipe, 4 ft. long, with an iron cap punch marked for the exact corner, painted white and set 24 ins. in the ground, in a mound of earth and stone. Cap stamped C-3-4118. Thence S. 52° 45' W.
301.65	To the south east end center monument of the location.
601.65	To Cor. No. 4. A 1-3/4 inch iron pipe, previously described, stamped C-4-4118. Identical with Cor. No. 3, Big Sight lode, this survey. Thence N. 26° 55' W.
1500.00	To Cor. No. 1, the place of beginning. All corners are identical with the location.

Mineral Survey No. 4118, cont.,

feet

Caledonia lode, cont.,

feet

No bearing objects available.

286.94

Variation, all corners, 15° 30' East.

* * * * * at the exact corner, properly set, scribed K-1-4-

Kokomo * 1 lode.

4118

Beginning at Cor. No. 1-

A redwood post, 4 ins. square, 4 ft. long, with a nail at the exact corner, properly set and scribed K-1-1-3845-4118.

Identical with Cors. No. 1 and 4, Kokomo * 1 and Kokomo lodes, Sur. No. 3845, respectively.

The corner of sections 13-14-23 and 24, T. 19 N. R. 20 W. bears N. 65° 45' 30" W. 2059.60 ft.

Thence N. 25° 08' E,

* 300.00 * To the north west end center post of the location, and identical with the south east end center, Kokomo lode, Sur. No. 3845.

583.71 To witness corner for Cor. No. 2, Kokomo * 1 lode, Sur. No. 3845.

586.94 To Cor. No. 2, A cross cut in solid andesite face, for the exact corner, K-1-2-4118 chiseled on face.

Identical with the true point for Cors No. 2-3 & 4, Kokomo * 1, Kokomo and Alta lodes, Sur. No. 3845, respectively, and Cor. No. 4 Alta lode, Sur. No. 4129.

* * * * * Thence S. 64° 15' E. * * * * *

397.80 To witness corner for Cor. No. 3, Kokomo * 1 lode, Sur. No. 3845.

402.73 To Cor. No. 3, A cross cut in solid andesite face for exact corner, K-1-3-4118 chiseled on face.

Thence S. 25° 08' W.

286.94 To the south east end center post of the location.

Mineral Survey No. 4118, cont.,

feet

Kokomo * 1 lode, cont.,

586.94

To Cor. No. 4,

A redwood post, 4 ins. square, 4 ft. long, with a nail at the exact corner, properly set, scribed K-1-4-4118.

On line 2-3, Arizona Bell lode, this survey, at N. 64° 15' W. 85.17 ft. from Cor. No. 3.

Thence N. 64° 15' W.

402.73

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

All corners are identical with the location and with similarly numbered corners of the Kokomo * I, lode, Sur. No. 3845.

No bearing objects available.

Variation, all corners, 15° 30' East.

LOCATION

This survey is located in the south west quarter of sec. 13, the south east quarter of sec. 14, the north east quarter of section 23, the north west quarter of sec. 24 and the south west quarter of sec. 24, T. 19 N. R. 20 W. G. & S. R. B. & M. about one mile south east of the town of Oatman, Mohave County, Arizona and in the San Francisco Mining District.

* * * * *

Lode Lines

As near as can be determined from present development, the lode lines of the various claims of this survey, extend as follows from their respective discovery works.

Jumbo lode: N. 42° 11' W. 1225 ft. and S. 42° 11' E. 275 ft. from the discovery cut.

Wedge Point Fraction, lode N. 42° 11' W. 419.46 ft. and S. 42° 11' E. 60 ft. from the discovery cut.

Arizona Bell lode: N. 67° 40' W. 100 ft. and S. 67° 40' E. 1400 ft. from the discovery cut.

Mineral Survey No. 4118, cont.,

LODE LINES, cont.,

Rancee lode: N. 67° 40' W. 1150 ft. and S. 67° 40' E. 350 ft. from the discovery cut.

Relief lode: N. 26° 55' W. 1085 ft. and S. 26° 55' E. 415 ft. from the discovery cut.

Big Sight lode: N. 26° 55' W. 450 ft. and S. 26° 55' E. 1050 ft. from the discovery cut.

Caledonia lode: N. 31° 15' W. 470 ft. and S. 31° 15' E. 1013.77 ft. from the discovery cut.

Kokomo* lode: N. 64° 15' W. 40 ft. and S. 64° 15' E. 362.73 ft. from the discovery cut.

* * * * *

Expenditure of Five Hundred Dollars

I certify that the value of improvements and labor, made upon or for the benefit of this group of lode claims, by the Claimant or its Grantors, is not less than Five Hundred Dollars for each claim and that said improvements consist of the following:-

Jumbo lode: No. 1, The discovery cut, 4 ft. wide, 10 ft. face, extending S. 42° E. 16 ft. to mouth. Center of face is on the lode line at 275 ft. from the south east end center. Value ----- \$50.00

No. 2- An open cut, 4½ ft. wide, 10 ft. face, extending S. 42° E. 15 ft. to mouth. From the face a 4 by 6 ft. tunnel runs N. 42° W. 30 ft. Center of face bears N. 85° W. 400 ft. from Cor. No. 2. Value ----- \$350.00

No. 3:- An open cut, 4 ft. wide, 9 ft. face, extends S. 42° E. 15 ft. to mouth. Center of face bears N. 82° 30' W. 390 ft. from Cor. No. 2. Value ----- \$45.00

No. 4:- An open cut, 4 ft. wide, 10 ft. face, extends S. 45° W. 12 ft. to mouth. Center of face bears N. 75° W. 375 ft. from Cor. No. 2. Value ----- \$40.00

Mineral Survey No. 4118, cont.

Improvements, cont., Jumbo lode.

No. 5:- An open cut, 5 ft. wide, 10 ft. face, extends S. 40° W. 12 ft. to mouth. Center of face bears N. 44° W. 425 ft. from Cor. No. 2. Value -----\$45.00

No. 6:- An open cut, 4 ft. wide, 11 ft. face, extends North 16 ft. to mouth. Center of face bears N. 59° 30' W. 160 ft. from Cor. No. 2. Value ----- \$50.00

No. 7:- An open cut, 5 ft. wide, 10 ft. face, extends N. 35° W. 12 ft. to mouth. Center of face bears S. 88° W. 120 ft. from Cor. No. 2. Value ----- \$45.00

No. 8:- An open cut, 5 ft. wide, 10 ft. face, extends S. 75° E. 14 ft. to mouth. Center of face bears N. 73° 30' W. 100 ft. from Cor. No. 2. Value ----- \$45.00

1/19 interest in Improvement No. 7, Gold Ranger lode, Sur. No. 3845. Value -----\$2425.00

Wedge Point Fraction.lode.

No. 1:- The discovery cut, 6 ft. wide, 10 ft. face, extends N. 15° W. 20 ft. to mouth. From the face, a 4 by 6 ft. tunnel, runs S. 15° E. 32 ft. Center of face ^{of cut} is on the lode line at 60 ft. from the South east end center. Value ----- \$375.00

1/19 interest in Improvement No. 7, Gold Ranger lode, Sur. No. 3845 Value ---- \$2425.00

Arizona Bell lode.

No. 1:- The discovery cut, 5 ft. wide, 10 ft. face extends West 16 ft. to mouth. Center of face is on the lode line at 100 ft. from the North west end center. Value ----- \$50.00

1/19 interest in Improvement No. 7, Gold Ranger lode, Sur. No. 3845. Value-----\$2425.00

Rancee lode.

No. 1: The discovery cut, 5 ft. wide, 12 ft. face, extends S. 25° E. 18 ft. to mouth. From the face, a 4 by 6 ft tunnel runs N. 25° W. 20 ft. Center of face ^{is} on the lode line, at 350 ft. from the South east end center. Value ----- \$250.00

Mineral Survey No. 4118, cont.,

Improvements, cont., Rancee lode

No. 2:- An open cut, 4 ft. wide, 10 ft. face, extends N. 40° W. 16 ft. to mouth. From the face, a 4 by 6 ft. tunnel runs S. 40° E. 15 ft. Center of face of cut bears S. 85° W. 415 ft. from Cor. No. 2.

Value ----- \$190.00

No. 3:- An open cut, 4 ft. wide, 9 ft. face, extends N. 25° E. 12 ft. to mouth. From the face, a 4 by 6 ft. tunnel, runs S. 25° W. 5 ft. Center of face of cut bears S. 48° 30' E. 570 ft. from Cor. No. I.

Value ----- \$85.00

No. 4:- An open cut, 4 ft. wide, 10 ft. face, extends North 18 ft. to mouth. Center of face bears S. 59° E. 505 ft. from Cor. No. I.

Value ----- \$50.00

I/19 interest in Improvement No. 7, Gold Ranger lode, Sur. No. 3845. Value ----- \$2425.00

Relief lode.

No. 1:- The discovery cut, 5 ft. wide, 10 ft. face, extends S. 60° W. 15 ft. to mouth. Center of face is on lode line at 415 ft. from the South east end center.

Value ----- \$50.00

No. 2:- An open cut, 5 ft. wide, 10 ft. face, extends S. 60° W. 15 ft. to mouth. From the face, a 4 by 6 ft. tunnel, runs North 30 ft. Center of face of cut bears N. 36° W. 400 ft. from Cor. No. 3.

Value ----- \$350.00

I/19 interest in Improvement No. 7, Gold Ranger lode, Sur. No. 3845. Value ----- \$2425.00

Big Sight lode.

No. 1:- The discovery cut, 10 ft. wide, 12 ft. face, extends S. 60° W. 20 ft. to mouth. From the northerly side of the face, a 4 by 6 ft. tunnel runs North 25 ft. From the southerly side of face, a 4 by 6 ft. tunnel runs East 20 ft. Center of face of cut is on the lode line at 450 ft. from the north west end center.

Value ----- \$500.00

.. Mineral Survey No. 4118, cont.,

Improvements, cont., Big Sight lode.

No. 2:- An open cut, 4 ft. wide, 10 ft. face, extends N. 30° W. 15 ft. to mouth. Center of face bears S. 19° E. 340 ft. from Cor. No. 2. Value -----\$45.00

No. 3:- An open cut, 12 ft. wide, 12 ft. face, extends S. 60° W. 20 ft. to mouth. From north side of face, a 4 by 6 ft. tunnel runs N. 10° E. 25 ft. From south side of face, a 4 by 6 ft. tunnel runs East 22 ft. Center of face of cut bears N. 19° 30' W. 522 ft. from Cor. No. 4. Value -----\$575.00

-----1/19 interest in Improvement No. 7, Gold Ranger lode, Sur. No. 3845. Value -----\$2425.00

Caledonia lode.

No. 1:- The discovery cut, 4 ft. wide, 10 ft. face, extends N. 75° W. 15 ft. to mouth. Center of face is on lode line at 470 ft. from the north west end center. Value -----\$45.00

No. 2:- An open cut, 5 ft. wide, 10 ft. face, extends N. 25° W. 16 ft. to mouth. From the face, a 4 by 6 ft. tunnel runs S. 25° E. 20 ft. Center of face of cut bears S. 47° E. 425 ft. from Cor. No. 1. Value ----- \$240.00

No. 3:-An open cut, 5 ft. wide, 10 ft. face, extends N. 25° W. 16 ft. to mouth. From the face, a 4 by 6 ft. tunnel runs S. 25° E. 20 ft. with a tunnel at right angles connecting with face of tunnel in Imp^{rovement} No. 2. Center of face of cut bears S. 44° E. 410 ft. from Cor. No. 1. Value -----\$750.00

No. 4:-An open cut, 4 ft. wide, 10 ft. face, extends N. 27° W. 16 ft. to mouth. Center of face bears S. 29° E. 255 ft. from Cor. No. 1. Value -----\$45.00

-----1/19 interest in Improvement No. 7, Gold Ranger lode, Sur. No. 3845 Value ----- \$2425.00

Mineral Survey No. 4118, cont.,

Improvements, cont.,

Kokomo *I-lode, ----

No. 1:--The discovery cut, 34 ft. wide, 9 ft. face extends N. 34° W. 15 ft. to mouth. Center of face is on the lode line at 40 ft. from the northwest end center.

Value ----- \$45.00

No. 2:-- An open cut 4 ft. wide, 9 ft. face,

extends N. 40° W. 17 ft. to mouth. Center of face is on the lode line at 22 ft. from the north west end center.

Value ----- \$45.00

No. 3:-- An open cut, 5 ft. wide, 8 ft. face,

extends N. 15° E. 14 ft. to mouth. Center of face bears S. 39° 30' E. 72 ft. from the north west end center.

Value ----- \$30.00

1/19 interest in Improvement No. 7, Gold Ranger

lode, Sur. No. 3845 Value ----- \$2425.00

AREAS

Jumbo lode ----- 20.593

Area in conflict with Hobo lode,

Sur. No. 3845 ----- 4.491

~~Area in conflict with Oversight lode,~~

Sur. No. 3845 ----- 0.571

Wedge Point Fraction ----- 2.218

Area in conflict with Kokomo lode,

Sur. No. 3845 ----- 1.109

Arizona Bell lode ----- 18.248

Rancee lode ----- 20.661

Area in conflict with South lode,

Oversight lode, Sur. No. 3845 ----- 2.242

~~Area in conflict with Three~~

Square lode, Sur. No. 3845 ----- 1.509

~~Area in conflict with Three~~

Square lode, Sur. No. 3845,

exclusive of conflict with Hawkeye lode, Sur. No. 3342 ----- 1.353

~~Area in conflict with Hawkeye~~

lode, Sur. No. 3342 ----- 2.268

~~Area in conflict with Relief~~

lode, this survey ----- 1.354

Mineral Survey No. 4118, cont.,

Areas, cont.,

Relief lode ----- 9.559 acres

Big Sight lode ----- 20.661 acres

Caledonia lode ----- 18.452 acres

Kokomo* lode ----- 5.426 acres
Area in conflict with;
Kokomo #1 lode, Sur. No. 3845, 5.426

* * * * *

No. 3: - An open cut 4 ft wide 9 ft face

REPORT

The eight claims of this survey, The Alta lode, the line at SS ft from the north west end center Sur. No. 4129, the Tape lode, Sur. No. 4130, the North

Aztec lode, Sur. No. 4119, and the eight claims of Sur. No. 3845, towit: the Kokomo, Hobo, Oversight, South

Oversight, C. O. D. , Gold Ranger, Three Square, and Aztec lodes, are held as one group by the Claimant Company, a

total of 19 claims, and Improvement No. 7, Gold Ranger lode, Sur. No. 3845, the Main Working shaft for the

group is 4.5 by 13.5 ft. by 500 ft. deep, with a 4.5 by 7 ft. crosscut running N. 49° 30' E, 1160 ft. from the

bottom of shaft. The surface of the claims of this survey is very rugged and steep, and working thru this

shaft is the most economical method of exploring and developing the various veins of the group. The value of

shaft and crosscut is \$46075.00 and dividing its value equally, makes a value of \$2425.00 for each of the 19

claims in the total group.

The corner of sections T.19 N., R. 20 W. 13-14-23 and 24, G. & S.R.

B. & M. and the 1/4 corner between sections 23 & 24, are a 1-3/4 inch and a one-inch iron pipe, respectively,

with a brass cap, properly set and marked.

The 1/4 corner between sections 13 and 24 can not be found, - therefore ties were made to the above corners.

The corners of Surs. No. 3342 and 3845, are 4 by 4 inch redwood posts, properly set and marked.

The side and end lines and all other lines in this survey, - were run directly on the ground.

Area in conflict with Relief lode, this survey

Mineral Survey No. 4118, cont.,

Instrument and Meridian

This survey was made with a C.L. Berger & Sons' transit and a 100 and 500 ft. steel tape.

Meridian was determined by direct observation on the Sun.

* * * * *

Adjoining and Conflicting Claims

This group is joined on the north east by the Hobo and Kokomo lodes, Sur. No. 3845, (~~and the Alta lode Sur. No. 4129,~~) on the west by the Oversight, South Oversight, Three Square lodes, Sur. No. 3845, ^{and} ~~by~~ the Hawkeye and Pelican lodes, Sur. No. 3342, and on all other sides by Public Domain.

The Kokomo *I lode conflicts with the Kokomo *I Sur. No. 3845, in its entirety.

The differences between this survey and the location notices, are due to error in the latter.



U. S. Mineral Surveyor.

FINAL OATHS FOR SURVEYS

LIST OF NAMES

A list of the names of the individuals employed by L. H. Foster

United States Mineral Surveyor, to assist in running, measuring, and marking the lines, corners, and boundaries described in the foregoing field notes of the survey of the mining claim of

HARTMAN GOLD MINING COMPANY

known as the Kokomo *I, Big Sight, Rancee, Jumbo, Relief, Arizona Bell, Caledonia, and Wedge Point Fraction, Lodes

and showing the respective capacities in which they acted.

N. J. Webb, Chainman.

XXXXXXXXXXXXXXXXXXXX, Chainman.

XXXXXXXXXXXXXXXXXXXX, Axman.

XXXXXXXXXXXXXXXXXXXX, Flagman.

FINAL OATHS OF ASSISTANTS

We, I, N. J. Webb

and XXXXXXXXXXXXXXXXXXXX, do solemnly swear that we assisted

L. H. Foster, United States Mineral Surveyor, in marking the corners and surveying the boundaries of the mining claim of

HARTMAN GOLD MINING COMPANY

known as the Kokomo *I, Big Sight, Rancee, Jumbo, Relief, Arizona Bell, Caledonia, and Wedge Point Fraction, 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 Office Cadastral Engineer, at Phoenix, Arizona

N. J. Webb, Chainman.

_____, Chainman.

_____, Axman.

_____, Flagman.

Subscribed and sworn to by the above-named persons before me this 24th

day of July, 1930

Mary E. Carson
Henry P. Pugh

Sam Carson
Nov 20 1931
Nov. 20

FINAL OATH OF U. S. MINERAL SURVEYOR

I, L. H. Foster, U. S. Mineral Surveyor, do solemnly swear that, in pursuance of instructions received from the Office Cadastral Engineer, at Phoenix, Arizona, dated January 29, 1930, I have, in strict conformity to the laws of the United States, the official regulations and instructions thereunder, and the instructions of said Office Cadastral Engineer, faithfully and correctly executed the survey of the Mining Claim of Hartman Gold Mining Company, known as the Kokomo, I, Big Sight, Rancee, Jumbo, Relief, Arizona Bell, Caledonia and Wedge Point Fraction, Lodes situate in San Francisco Mining District, Mohave County, Arizona, in Section 13-14-23 & 24, Township No. 19 North, Range No. 20 West and designated as Survey No. 4118, 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 Office Cadastral Engineer with said instructions, and that all 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.

[Signature]
U. S. Mineral Surveyor.

Subscribed and sworn to by the said L.H. Foster

U. S. Mineral Surveyor, before me Mary E. Carrow

Notary Public

this 24th

day of July, 1930

[Signature]
Notary Public

San Francisco
No-20-1931

OFFICE CADASTRAL ENGINEER'S FINAL CERTIFICATE ON FIELD NOTES

Department of the Interior

PUBLIC SURVEY OFFICE

Phoenix, Arizona,

February 18, 1931

I, Office Cadastral Engineer at Phoenix, Arizona,

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

Hartman Gold Mining Company

known as the KOKOMO #1, BIG SIGHT, RANCEE, JUMBO, RELIEF, ARIZONA BELL, CALEDONIA, and WEDGE POINT FRACTION lodes

situate in San Francisco Mining District

Mohave County Arizona

in Sections 13, 14, 23 & 24 Township No. 19 N., Range No. 20 W., and

designated as Survey No. 4118, 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.

I further certify that Five Hundred Dollars worth of labor has been expended or improvements made upon, or for the benefit of, each location embraced in said mining claim by claimant or its grantors,

and that said improvements consist of 26 cuts and 12 tunnels, value \$4490. A 1-19th interest, value \$2425, in the value of improvement No. 7, Gold Ranger lode, Sur. No. 3845, is credited to each of the 8 claims in this survey; value of 8-19th interest, \$19,400.

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.

John D. Adams Office Cadastral Engineer.

CERTIFICATE OF APPROVAL OF FIELD NOTES AND SURVEY OF MINING CLAIM

DEPARTMENT OF THE INTERIOR PUBLIC SURVEY OFFICE

At Phoenix, Arizona, February 18, 1931

I, Office Cadastral Engineer at Phoenix, Arizona.

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

Hartman Gold Mining Company

known as the KOKOMO #1, BIG SIGHT, RANCEE, JUMBO, RELIEF, ARIZONA BELL, CALEDONIA, and WEDGE POINT FRACTION lodes

situate in San Francisco mining district, Mohave County, Arizona

in Sections 13, 14, 23 & 24, Township No. 19 North, Range No. 20 West

designated as Survey No. 4118

executed by L. H. Foster, U. S. Mineral Surveyor, May 10 - 31, 1930, under my instructions dated

January 29, 1930, 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 John P. Adams, Office Cadastral Engineer.