

Form 3400-11  
(September 1967)  
(formerly 4-683)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FIELD NOTES

Mineral Survey number  
4676

State  
Arizona

Land District  
Arizona

Of the Survey of the Mining Claim of *(name and address of Claimant)*

Robert J. Harazin  
and  
Thomas J. Ryan  
608 Rugeley Road  
Western Springs, Illinois 60558

Known as the *(name of group, if any)*

CONSISTING OF LOCATIONS NAMED AND LOCATED AS FOLLOWS

NAME OF LOCATION	DATE	
	LOCATED	AMENDED
Ferndale Mine No 1	7-1-57	
Ferndale Mine No 2	7-1-57	
Ferndale Mine No 3	7-1-57	
Ferndale Mine No 4	7-1-57	

Mining district Empire		County Pima	
Section S 22 and 23	Township 16 South	Range 18 East	Meridian Gila & Salt River
Survey commenced September 20, 1969		Survey completed February 2, 1971	Survey under order dated July 14, 1969
			Name of Mineral Surveyor Robert Lenon

1  
Form 1042  
Schedule

FEDERAL GOVERNMENT  
OFFICE OF THE INSPECTOR GENERAL  
WASHINGTON, D.C. 20543  
STATE OF CALIFORNIA

Page 1 of 2

For the calendar year 1996, the State of California reported the following information regarding the activities of the State of California in the State of California.

The following information was reported by the State of California for the calendar year 1996:

Item	Description	Amount	Percentage
1	Item 1	100	100
2	Item 2	100	100
3	Item 3	100	100
4	Item 4	100	100
5	Item 5	100	100
6	Item 6	100	100
7	Item 7	100	100
8	Item 8	100	100
9	Item 9	100	100
10	Item 10	100	100
11	Item 11	100	100
12	Item 12	100	100
13	Item 13	100	100
14	Item 14	100	100
15	Item 15	100	100
16	Item 16	100	100
17	Item 17	100	100
18	Item 18	100	100
19	Item 19	100	100
20	Item 20	100	100
21	Item 21	100	100
22	Item 22	100	100
23	Item 23	100	100
24	Item 24	100	100
25	Item 25	100	100
26	Item 26	100	100
27	Item 27	100	100
28	Item 28	100	100
29	Item 29	100	100
30	Item 30	100	100
31	Item 31	100	100
32	Item 32	100	100
33	Item 33	100	100
34	Item 34	100	100
35	Item 35	100	100
36	Item 36	100	100
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41	Item 41	100	100
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43	Item 43	100	100
44	Item 44	100	100
45	Item 45	100	100
46	Item 46	100	100
47	Item 47	100	100
48	Item 48	100	100
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89	Item 89	100	100
90	Item 90	100	100
91	Item 91	100	100
92	Item 92	100	100
93	Item 93	100	100
94	Item 94	100	100
95	Item 95	100	100
96	Item 96	100	100
97	Item 97	100	100
98	Item 98	100	100
99	Item 99	100	100
100	Item 100	100	100

FEET

This survey was made with a Bausch & Lomb Precise Transit, No. 9259, with horizontal limb 5 1/2 ins. diam., having two single opposite verniers, and full vertical circle 4 1/4 ins. diam., having two double opposite verniers, all verniers reading to one minute of arc. The eye-piece is equipped with a colored glass set in the dust shutter, for making direct observations on the sun. The instrument was in good condition at the time of the survey, and all adjustments were in good order.

All azimuths in this record were determined by the method of double horizontal angles, referred to the meridian determined by the following observations:

September 20th, 1969, at Cor. No. 3, Ferndale Mine No 1 lode, of this survey, in latitude 32°02' N., and longitude 110°29' W., I make a series of four altitude observations upon the sun for azimuth from Cor. No. 2, approximately 600 feet N'ly, SW to the sun:

Mean time of observation,  
105th meridian standard time: 4<sup>h</sup> 15<sup>m</sup> (P.M.)  
Declination of sun at mean  
time of observation: 0°52' (N.)  
Mean observed angle to sun's  
center: 25°16'  
Mean horizontal angle from ref-  
erence point to sun's center: 264°17'  
True bearing to reference point  
(equals bearing on endline): N. 10°17' W.

The lines were measured with a Chicago steel tape, 300 ft. in length, graduated every foot, with the end feet graduated to tenths and hundredths; this tape was compared with a Iufkin standard steel tape at the time of beginning the survey, and found correct.

All lines were run by direct methods; the connections to the N'ly corners of Sec. 22 were triangulated.

The magnetic declination observed at each corner of the survey gave a uniform value of 12°00' E.

SURVEY No. 4676

FERNDALE MINE No 1 LODE

At cor. No. 1 of the Ferndale Mine No 1 lode, identical with cor. Nos. 1, 2, and 4 of the Ferndale Mine No 2, Ferndale Mine No 3, and Ferndale Mine No 4 lodes, respectively,

Set an iron pin 5/8 ins. diam., 30 ins. long, 18 ins. in the ground, and with stone mound alongside, with aluminum cap mkd. X-FM1-1-FM2-1-FM3-2-FM4-4-4676, from which

FEET	
	The 1/4 sec. cor. of Secs. 15 and 22, T. 16 S., R. 18 E., G. & S. R. M., Arizona, bears N. 42°08'30" W., 2,253.21 ft. dist., an iron post, 1 ins. diam., 18 ins. above the ground, firmly set in a mound of stone, and properly mkd.
	A cor. of the location bears West, 11 ft. dist.
	Thence N. 89°28' E.
191.	Gulch, 12 ft. wide, course S. 30° E.
450.	Gulch, 4 ft. wide, course S. 12° W.
1,430.	Gulch, 2 ft. wide, course S. 31° E.
1,500.00	Cor. No. 2, identical with cor. No. 3 of the Ferndale Mine No 4 lode, of this survey.
	Set an iron pin 5/8 ins. diam., 30 ins. long, 18 ins. in the ground, and with stone mound alongside, with aluminum cap mkd. X-FM1-2-FM4-3-4676, from which
	A cor. of the location bears S. 16°15' E., 15 ft. dist.
	Thence S. 10°17' E.
301.30	Lode line; discovery point bears S. 89°28' W., 50 ft. dist.
328.	Gulch, 3 ft. wide, course S. 20° E.
463.	Gulch, 3 ft. wide, course S. 15° W.
602.60	Cor. No. 3.
	Set an iron pin 5/8 ins. diam., 30 ins. long, 18 ins. in the ground, and with stone mound alongside, with aluminum cap mkd. X-FM1-3-4676, from which
	A cor. of the location bears East, 2 ft. dist.
	Thence S. 89°28' W.
60.	Gulch, 4 ft. wide, course S. 5° W.
453.	Gulch, 2 ft. wide, course South.
845.	Gulch, 6 ft. wide, course S. 23° E.
1,500.00	Cor. No. 4, identical with cor. No. 2 of the Ferndale Mine No 2 lode, of this survey.
	Set an iron pin 5/8 ins. diam., 30 ins. long, 18 ins. in the ground, and with stone mound alongside, with aluminum cap mkd. X-FM1-4-FM2-2-4676.
	A cor. of the location bears S. 87° W., 15 ft. dist.
	Thence N. 10°17' W.

FEET	
301.30	Lode line; discovery point bears N. 89°28' E., 1,450 ft. dist.
602.60	Cor. No. 1, and place of beginning.
<p>FERNDALE MINE No 4 LODE</p>	
<p>At cor. No. 1 of the Ferndale Mine No 4 lode, identical with cor. No. 1 of the Ferndale Mine No 3 lode, of this survey.</p>	
<p>Set an iron pin, 5/8 ins. diam., 30 ins. long, 18 ins. in the ground, and with stone mound alongside, with aluminum cap mkd. X-FM4-1-FM3-1-4676, from which</p>	
<p>The ¼ sec. cor. of Secs. 15 and 22, bears N. 52°37'45" W., 1,765.67 ft. dist., previously described.</p>	
<p>A cor. of the location bears East, 7 ft. dist.</p>	
<p>Thence No. 89°47'50" E.</p>	
586.	Gulch, 6 ft. wide, course N. 35° E.
670.	Gulch, 4 ft. wide, course North.
1,022.	Gulch, 3 ft. wide, course N. 30° E.
1,501.52	Cor. No. 2.
<p>Cut an "x" on the limestone bedrock, even with the general surface, and with mound of stone alongside, which I mkd. X-FM4-2-4676, from which</p>	
<p>A cor. of the location bears N. 80° E., 4 ft. dist.</p>	
<p>Thence S. 10°17' E.</p>	
295.60	Lode line; discovery point bears S. 89°28' W., 500 ft. dist.
600.00	Cor. No. 3, identical with cor. No. 2 of the Ferndale Mine No 1 lode, of this survey, previously described.
<p>Thence S. 89°28' W.</p>	
70.	Gulch, 2 ft. wide, course S. 31° E.
1,050.	Gulch, 4 ft. wide, course S. 12° W.
1,309.	Gulch, 12 ft. wide, course S. 30° E.
1,500.00	Cor. No. 4, identical with cor. Nos. 1, 1, and 2 of the Ferndale Mine No 1, Ferndale Mine No 2, and Ferndale Mine No 3 lodes, respectively, of this survey, previously described.
<p>Thence N. 10°17' W.</p>	

FEET	
304.40	Lode line; discovery point bears N. 89°28' E., 1,000 ft. dist.
608.80	Cor. No. 1, and place of beginning.
FERNDALE MINE No 2 LODE	
Beginning at cor. No. 1 of the Ferndale Mine No 2 lode, identical with cor. Nos. 2, 4, and 1 of the Ferndale Mine No 3, Ferndale Mine No 4, and Ferndale Mine No 1 lodes, respectively, of this survey, previously described, from which	
The $\frac{1}{4}$ sec. cor. of Secs. 15 and 22, bears N. 42°08'30" W., 2,253.21 ft. dist., previously described.	
Thence S. 10°17' E.	
301.30	Lode line; discovery point bears S. 82°42'15" W., 100 ft. dist.
602.60	Cor. No. 2, identical with cor. No. 4 of the Ferndale Mine No 1 lode, of this survey, previously described.
Thence S. 86°44' W.	
502.	Gulch, 3 ft. wide, course S. 12° W.
1,385.47	Cor. No. 3.
Cut an "x" on the limestone bedrock, even with the general surface, and with mound of stone alongside, which I mkd. X-FM3-3-4676.	
A cor. of the location bears South, 3 ft. dist.	
Thence N. 10°17' W.	
203.84	Lode line; discovery point bears N. 82°42'15" E., 1,276.98 ft. dist.
505.14	Cor. No. 4, identical with cor. No. 3 of the Ferndale Mine No 3 lode, of this survey.
Set an iron pin, 5/8 ins. diam., 30 ins. long, 18 ins. in the ground, and with stone mound alongside, with aluminum cap mkd. X-FM2-4-FM3-3-4676, from which	
A cor. of the location bears S. 83° W., 58 ft. dist.	
Thence N. 82°42'15" E.	
1,376.98	Cor. No. 1, and place of beginning.

FEET	FERNDALE MINE No 3 LODE
	<p>Beginning at cor. No. 1 of the Ferndale Mine No 3 lode, identical with cor. No. 1 of the Ferndale Mine No 4 lode, of this survey, previously described, from which</p> <p>The <math>\frac{1}{4}</math> sec. cor. of Secs. 15 and 22, bears N. <math>52^{\circ}37'45''</math> W., 1,765.67 ft. dist., previously described.</p> <p>Thence S. <math>10^{\circ}17'</math> E.</p>
304.40	Lode line, discovery point bears S. $82^{\circ}42'15''$ W., 725 ft. dist.
608.80	Cor. No. 2, identical with cor. Nos. 4, 1, and 1 of the Ferndale Mine No 4, Ferndale Mine No 1, and Ferndale Mine No 2 lodes, respectively, of this survey, previously described.
	Thence S. $82^{\circ}42'15''$ W.
1,376.98	Cor. No. 3, identical with cor. No. 4 of the Ferndale Mine No 2 lode, of this survey, previously described.
	Thence N. $10^{\circ}17'$ W.
304.40	Lode line; discovery point bears N. $82^{\circ}42'15''$ E., 651.98 ft. dist.
557.33	Cor. No. 4.
	<p>Set an iron pin, <math>\frac{5}{8}</math> ins. diam., 30 ins. long, 18 ins. in the ground, and with stone mound alongside, with aluminum cap mkd. X-FM3-4-4676, from which</p> <p>A cor. of the location bears S. <math>85^{\circ}</math> W., 3 ft. dist.</p> <p style="text-align: center;">Thence N. <math>80^{\circ}33'45''</math> E.</p>
1,375.25	Cor. No. 1, and place of beginning.
	AREAS
	Acres
	Total area, Ferndale Mine No 1 20.451
	Total area, Ferndale Mine No 2 17.485
	Total area, Ferndale Mine No 3 18.406
	Total area, Ferndale Mine No 4 20.512
	LOCATION
	<p>This survey is located in the NE<math>\frac{1}{4}</math> of Sec. 22 and the W<math>\frac{1}{2}</math>NW<math>\frac{1}{4}</math> of Sec. 23, T. 16 S., R. 18 E., G&amp;SR M., Arizona. All four lodes are wholly within the several locations as marked on the ground, the discrepancies at the several corners being in the amounts as set out in the foregoing notes.</p>
	EXPENDITURES
	The improvements and the value of the labor and

FEET		
	improvements made upon or for the benefit of each of the lode locations by the claimants or their grantors are as follows:	
No. 1	The discovery point of the Ferndale Mine No 1 lode, being on the lode line 50 ft. from a point on line 2-3, 301.30 ft. from cor No. 2. No value.	
No. 2	A shaft, 4 x 6 ft., 8 ft. deep, the center of which bears N. 21°00' W., 305 ft. from cor. No. 3. Value, \$100.	
No. 3	A shaft, 5 x 7 ft., 2 ft. deep, the center of which bears S. 78°15' W., 470 ft., from cor. No. 2. Value, \$25.	
No. 4	A shaft, 4 x 5 ft., 15 ft. deep, the center of which bears S. 61°30' W., 387 ft. from cor. No. 2. Value, \$150.	
No. 5	A cut, 6 ft. wide, the face of which bears N. 41°15' W., 557 ft. from cor. No. 3; runs West, 20 ft. to 6 ft. face. Value \$150.	
No. 6	A shaft, 4 x 6 ft., 30 ft. deep, the center of which bears N. 44°15' W., 477 ft. from cor. No. 3. Value, \$400.	
No. 7	A cut, 5 ft. wide, the face of which bears S. 21°00' W., 270 ft. from cor. No. 2; runs S. 60° W., 12 ft. to 4 ft. face. Value, \$75.	
No. 8	A shaft, 4 x 6 ft., 8 ft. deep, the center of which bears N. 43°30' W., 338 ft. from cor. No. 3. Value, \$100.	
No. 9	A shaft, 6 x 6 ft., 8 ft. deep, the center of which bears N. 37° E., 60 ft. from cor. No. 4. Value, \$150.	
No. 1	The discovery point of the Ferndale Mine No 4 lode, being on the lode line, 500 ft. from a point on line 2-3, 295.60 ft. from cor No. 2. No value.	
No. 2	A shaft, 4 x 6 ft., 8 ft. deep, the center of which bears S. 48°15' W., 558 ft. from cor. No. 2. Value, \$100.	
No. 3	A cut, 5 ft. wide, the face of which bears S. 84°00' W., 330 ft. from cor. No. 2; runs South, 15 ft. to 8 ft. face. Value, \$150.	
No. 4	A cut, 5 ft. wide, the face of which bears S. 82°30' W., 508 ft. from cor. No. 2; runs S. 5° W., 20 ft. to 10 ft. face. Value, \$250.	



FEET												
No. 1	<p>The discovery point of the Ferndale Mine No 2 lode, being on the lode line 100 ft. from a point on line 1-2, 301.30 ft. from cor No. 1. No value.</p>											
No. 1	<p>The discovery point of the Ferndale Mine No 3 lode, being on the lode line 725 ft. from a point on line 1-2, 304.40 ft. from cor. No. 1. No value.</p>											
	<p>An interest in common improvements described as follows:</p> <p>An adit, 4 x 6 ft. in size, the portal of which bears N. 64°45' W., 357 ft. from cor. No. 3 Ferndale Mine No 1 lode, runs North, 30 ft. to breast. Value, \$750. Value of one-fourth interest, \$187.50</p> <p>A shaft, 6 x 8 ft., 100 ft. deep, the center of which bears N. 80°00' W., 297 ft. from cor. No. 3 Ferndale Mine No 1 lode. Value, \$3250. Value of one-fourth interest, \$812.50</p> <p>Five hundred dollars or over has been expended in these common improvements in such a manner as tends to the development of each lode of this survey subsequent to its location and to the time since which common ownership and contiguity have prevailed; therefore an undivided one-fourth interest in their value is hereby credited to each of said lodes.</p> <p>No portion of or interest in these improvements has been credited heretofore as patent expenditure to any lode claim.</p> <p style="text-align: center;">OTHER IMPROVEMENTS</p> <p>A steel headframe over shaft listed as a common improvement above. Claimant herein.</p> <p style="text-align: center;">OTHER CORNER DESCRIPTIONS &amp; SUPPLEMENTAL DATA</p> <p>The cor. of Secs. 14, 15, 22 and 23 is an iron post, 2 ins. diam., 18 ins. above the ground, firmly set in a mound of stone and properly mkd.</p>											
	<p style="text-align: center;">FIELD ASSISTANTS</p> <table border="0"> <tr> <td>Hoyd Patty</td> <td>Instrumentman</td> </tr> <tr> <td>Fred Benedict, Jr.</td> <td>Chainman</td> </tr> <tr> <td>Ken Mather</td> <td>Chainman</td> </tr> <tr> <td>Fred Benedict, Sr.</td> <td>Axeman</td> </tr> <tr> <td>Robert Lenon, Jr.</td> <td>Flagman</td> </tr> </table>	Hoyd Patty	Instrumentman	Fred Benedict, Jr.	Chainman	Ken Mather	Chainman	Fred Benedict, Sr.	Axeman	Robert Lenon, Jr.	Flagman	
Hoyd Patty	Instrumentman											
Fred Benedict, Jr.	Chainman											
Ken Mather	Chainman											
Fred Benedict, Sr.	Axeman											
Robert Lenon, Jr.	Flagman											

F E E T

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

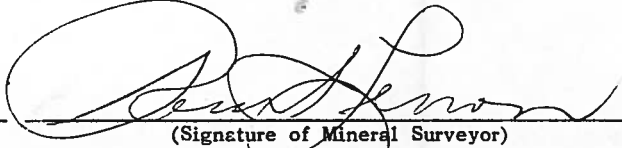
CERTIFICATE OF SURVEYOR

Name of Mineral Surveyor Robert Lenon	Date March 1, 1971
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I HEREBY CERTIFY That in pursuance of an order received from the Bureau of Land Management, at Phoenix, Arizona, dated July 14, 1969, I have carefully executed the survey of the claim of Robert J. Harazin and Thomas J. Ryan, known as the ~~(lode, placer, or mill site)~~ Ferndale Mine Nos 1, 2, 3 and 4, situated in Sections 22 and 23, Township 16 S., Range 18 E., Gila and Salt River Meridian, in the State of Arizona.

This survey, designated as number 4676, has been executed by me and under my direction and has been made in strict conformity with said order, the Manual of Instructions for the Survey of Public Lands of the United States, and in the specific manner described in the foregoing field notes.

I FURTHER CERTIFY That the labor expended and improvements made upon and for the benefit of the ~~(lode or placer)~~ lode location(s) embraced in the said mining claim by claimant(s) or their grantors are fully stated in my report. The character, extent, location, and itemized value are specified in full detail. No portion of, or interest in, said labor and improvements so credited to this claim has been included in the estimate of expenditures upon any other claim.

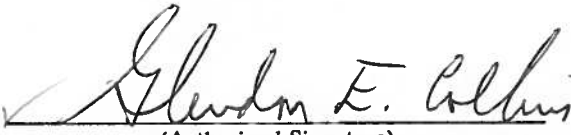
Patagonia, Arizona (Location)	 (Signature of Mineral Surveyor)
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CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT

Office Arizona State Office
Location Phoenix, Arizona
Date March 22, 1971

The foregoing field notes of mineral survey number 4676, in Sections 22 and 23, Township 16 S., Range 18 E., Gila & Salt River Meridian, in the State of Arizona, executed by Robert Lenon, Mineral Surveyor, under order dated July 14, 1969, having been critically examined and the necessary corrections made prior to their certification by the surveyor, the field notes and the survey therein described are hereby approved.

 (Authorized Signature) Glendon E. Collins	Acting State Director (Title)
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CERTIFICATE OF TRANSCRIPT

I CERTIFY That the foregoing transcript of field notes of the above described mineral survey number is a true copy of the original field notes.

(Authorized Signature)	(Title)
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Title 18, U. S. C. section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious, or fraudulent statements or representations as to any matter within its jurisdiction.

STATE OF TEXAS  
COUNTY OF [illegible]

Know all men by these presents, that [illegible]

[illegible text]

[illegible text]

[illegible text]

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