

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

MINERAL SURVEY NO. 4468 A & B

Arizona Land District.

FIELD NOTES

Of The Survey Of The Mining Claim Of

Ethel Schell Larsen

Known As The

Red Bluff Nos. 4, 5 and 6 lodes and Red Bluff Nos. 1 and 2 mill-sites

(Flourine, Globe, Florine, Fluorine) Mining District,

Gila County, Arizona

Section 31, Township 5 North, Range 14 East, G. & S. R. B. & M.  
and Township 4 North, Range 14 East, unsurveyed

Surveyed under order dated October 14, 1958

by Harvey W. Smith

Red Bluff No. 4 - 2/8/50 Mineral Surveyor.

Red Bluff No. 5 - 2/10/50

Red Bluff No. 6 - 1/12/51

Red Bluff No. 1 Mill-site - 1/12/51

Claim located Red Bluff No. 2 Mill-site - 1/12 19 51

Survey commenced November 24, 1958

Survey completed December 13, 19 58

Address of claimant's Agent: Joseph H. Morgan  
322 Luhrs Bldg., Phoenix, Arizona

DATES OF AMENDED LOCATIONS

Red Bluff No. 4 - 3/5/51

Red Bluff No. 5 - 3/5/51

1917  
OFFICE OF THE  
COMMISSIONER OF THE GENERAL LAND OFFICE  
WASHINGTON, D. C.

PROCEEDINGS OF THE BOARD OF LAND COMMISSIONERS

January 10, 1917

REPORT OF THE BOARD

FOR THE YEAR 1916

Presented to the Senate and House of Representatives  
at their respective sessions on January 10, 1917

BY THE COMMISSIONER OF THE GENERAL LAND OFFICE  
AND THE BOARD OF LAND COMMISSIONERS

Washington: Government Printing Office  
1917

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## Survey No. 4468 A and B

1

**CHUCK**

This survey was made with a C. L. Berger & Sons Transit, No. 15045, with horizontal limb  $6\frac{1}{2}$  ins. diam., having two double opposite verniers, and full vertical circle 5 ins. diam., having one double vernier; the verniers read to one minute of arc. 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 horizontal-angle-right referred to the meridian determined by an observation from the south  $\frac{1}{2}$  cor. of sec. 31, T. 5 N., R. 14 E., G. & S.R. B. & M. and sighting the common corner to secs. 31 and 32, T. 5 N., R. 14 E. and secs. 5 and 6, T. 4 N., R. 14 E., G. & S.R. B. & M.

The lines were measured with a Lufkin steel tape, 300 ft. in length, graduated every foot for 299 ft. and the remaining foot graduated to tenths and hundredths.

All lines and connections of this survey were run by direct methods except where noted in the calculations.

The magnetic declination observed at each corner of the survey gave a uniform value of  $14^{\circ} 15' E.$

## Survey No. 4468 A

## Feet

## RED BLUFF NO. 4 LODE

At cor. No. 1 of the Red Bluff No. 4 lode, identical with cor. No. 4, Red Bluff No. 5 lode of this survey.

Set a galvanized iron post, 24 ins. long,  $\frac{3}{8}$  in. diam., in a 10 in. concrete base, 16 ins. in the ground, with a brass cap, 2 ins. diam., set in concrete within the iron post, mkd. MS 4468A RB4 1RB5 4X; from which

The south  $\frac{1}{2}$  cor. of sec. 31, T. 5 N., R. 14 E., G. & S.R. B. & M., bears S.  $60^{\circ} 39' 30'' W.$ , 1031.84 ft. dist., an iron post, 1 in. diam., 12 ins. above ground, firmly set, mkd. and witnessed as described in the official record.

The NW. cor. of a bunkhouse bears south, 24 ft.

Cor. No. 3, Red Bluff No. 1 Mill-site of this survey, bears S.  $57^{\circ} 01' E.$ , 213.33 ft. dist.

A mound of stone constructed adjacent to the iron post.

No other distinguishing bearing objects available.

Thence N.  $30^{\circ} 49' E.$

1456.36 Intersect line 4-1, Red Bluff No. 6 lode of this survey; from which cor. No. 4 bears S.  $59^{\circ} 21' 30'' E.$ , 557.56 ft. dist.

1499.5 Cor. No. 2, identical with cor. No. 3, Red Bluff No. 5 lode of this survey.

This corner falls at an inaccessible point on a cliff where a monument cannot be established.

Chains Feet	
	<p>At a point N. 50° 43' W., 209.75 ft. dist., set a diabase stone, 24x24x12 ins., 6 ins. in ground, cemented in solid bedrock, mkd. MS 4468 A RB-4-2 RB-5-3 X W.C., at witness cor.; placed off survey line to avoid projection of mine workings; from which</p> <p>A mound of stone constructed adjacent to witness cor.</p> <p>No other bearing objects or trees available.</p> <p>From the true point for cor. No. 2.</p> <p>Thence S. 58° 13' E.</p>
200.00	Right bank of creek, 25 ft. wide, course S. 31° W.
300.00	Lode line, discovery point bears S. 30° 49' W., 70 ft. dist.
555.26	Intersect lines 3-4, Red Bluff No. 6 lode of this survey; from which cor. No. 4 bears S. 31° 12' W., 31.87 ft. dist.
570.00	Unimproved road bears N. 10° E. and S. 10° W.
599.50	<p>Cor. No. 3.</p> <p>Set a concrete and stone block, 18 ins. diam., 18 ins. in ground, 3 ins. above ground, mkd. MS 4468A RB 4 3 X; from which</p> <p>Cor. No. 4, Red Bluff No. 6 lode of this survey, bears S. 84° 08' W., 52.18 ft. dist.</p> <p>A corner of the location bears N. 84° 09' E., 78.0 ft. dist.</p> <p>A mound of stone constructed adjacent to the concrete and stone block.</p> <p>No other distinguishing bearing objects available.</p> <p>Thence S. 30° 49' W.</p>
1499.50	<p>Cor. No. 4.</p> <p>Set a galvanized iron post, 24 ins. long, ½ in. diam., in a 10 in. concrete base, 16 ins. in the ground, with a brass cap, 2 ins. diam., set in concrete within the iron post, mkd. MS 4468A RB 4 4 X; from which</p> <p>A corner of the location bears S. 20° 40' E., 80.0 ft. dist.</p> <p>A mound of stone constructed adjacent to the iron post.</p> <p>No other distinguishing bearing objects available.</p> <p>Thence N. 58° 13' W.</p>
70.00	Left bank of creek, 25 ft. wide, course S. 18° W.
299.50	Lode line, discovery point bears N. 30° 49' E., 1429.50 ft. dist.
599.50	Cor. No. 1 and place of beginning.



Chains Feet	RED BLUFF NO. 5 LODE
	Beginning at cor. No. 1 of the Red Bluff No. 5 lode. Set a galvanized iron post, 24 ins. long, $\frac{3}{4}$ in. diam., in a 10 in. concrete base, 16 ins. in the ground, with brass cap, 2 ins. diam., set in concrete within the iron post, mkd. MS 4468A RB 5 1 X; from which The south $\frac{1}{2}$ cor. of sec. 31, T. 5 N., R. 14 E., G. & S.R. B. & M. previously described, bears S. $25^{\circ} 23' 30''$ W., 909.19 ft. dist. Cor. No. 2, Red Bluff No. 1 Mill-site of this survey, bears S. $57^{\circ} 54' E.$ , 292.79 ft. dist. A mound of stone constructed adjacent to the iron post. No other distinguishing bearing objects available. Thence N. $30^{\circ} 49' E.$
1444.52	Intersect line 4-1, Red Bluff No. 6 lode of this survey; from which cor. No. 1 bears N. $59^{\circ} 21' 30''$ W., 329.69 ft. dist.
1499.50	Cor. No. 2. Set a diabase stone, 14x14x8 ins., 5 ins. in ground, cemented in solid bedrock, mkd. MS 4468A RB5 2 X; from which Cor. No. 1, Red Bluff No. 6 lode of this survey, bears N. $68^{\circ} 12' 30''$ W., 334.29 ft. dist. A mound of stone constructed adjacent to stone corner. No other distinguishing bearing objects available. Thence S. $58^{\circ} 13' E.$
300.00	Lode line, discovery point bears S. $30^{\circ} 49' W.$ , 249.5 ft. dist.
545.00	Unimproved road, bears N. $6^{\circ} E.$ and S. $6^{\circ} W.$
599.50	Cor. No. 3; identical with cor. No. 2, Red Bluff No. 4 lode of this survey, previously described. Thence S. $30^{\circ} 49' W.$
43.14	Intersect line 4-1, Red Bluff No. 6 lode of this survey; from which cor. No. 1 bears N. $59^{\circ} 21' 30''$ W., 929.11 ft. dist.
1499.50	Cor. No. 4, identical with cor. No. 1, Red Bluff No. 4 lode of this survey, previously described. Thence N. $58^{\circ} 13' W.$
200.00	Unimproved road, bearing N. $25^{\circ} W.$ and S. $25^{\circ} E.$
299.50	Lode line, discovery point bears N. $30^{\circ} 49' E.$ , 1250.0 ft. dist.
360.00	Unimproved road, bearing S. $63^{\circ} W.$ and N. $63^{\circ} E.$
599.50	Cor. No. 1 and place of beginning.

5

## Survey No. 4468 A

4

~~XXXXX~~  
Feet

## RED BLUFF NO. 6 LODE

At cor. No. 1 of the Red Bluff No. 6 lode.

Set a concrete and stone block, 18 ins. diam., 18 ins. in the ground, 3 ins. above ground, mkd. MS 4468A RB6 1 X; from which

The south  $\frac{1}{2}$  cor. of sec. 31, T. 5 N., R. 14 E., G. & S.R. B. & M. previously described, bears S.  $20^{\circ} 47' W.$ , 2385.21 ft. dist.Cor. No. 2, Red Bluff No. 5 lode, this survey, bears S.  $68^{\circ} 12' 30'' E.$ , 334.29 ft. dist.Cor. No. 3, Red Bluff No. 5 lode, identical with cor. No. 2, Red Bluff No. 4 lode of this survey, bears S.  $62^{\circ} 00' E.$ , 930.00 ft. dist.Witness cor. for cor. No. 3, Red Bluff No. 5 lode and Cor. No. 2, Red Bluff No. 4 lode of this survey, bears S.  $65^{\circ} 15' E.$ , 725.59 ft. dist.

A mound of stone constructed adjacent to concrete cor.

No other distinguishing bearing objects or trees available.

Thence N.  $31^{\circ} 12' E.$ 300.00 Lode line, discovery point bears S.  $59^{\circ} 21' 30'' E.$ , 900.00 ft. dist.

320.00 Unimproved road bearing W. and E.

599.50 Cor. No. 2.

Set a diabase stone, 10x20x10 ins., 6 ins. in ground, cemented in solid bedrock, mkd. MS 4468A RB 6 2 X; from which

A mound of stone constructed adjacent to stone cor.

No other distinguishing bearing objects available.

Thence S.  $59^{\circ} 21' 30'' E.$ 1100.00 W. bank of creek, 20 ft. wide, course S.  $24^{\circ} W.$ 

1486.67 Cor. No. 3.

Set a concrete and stone block, 18 ins. diam., 18 ins. in the ground, 3 ins. above ground, mkd. MS 4468A RB 6 3 X; from which

A corner of the location bears N.  $62^{\circ} 14' E.$ ; 72.5 ft. dist.

A mound of stone constructed adjacent to concrete block.

No other distinguishing bearing objects or trees available.

Thence S.  $31^{\circ} 12' W.$ 299.50 Lode line, discovery point bears N.  $59^{\circ} 21' 30'' W.$ , 586.67 ft. dist.540.00 Unimproved road, bears N.  $10^{\circ} E.$  and S.  $10^{\circ} W.$ 567.63 Intersect line 2-3, Red Bluff No. 4 lode of this survey; from which cor. No. 3 bears S.  $58^{\circ} 13' E.$ , 44.24 ft. dist.



Chain Feet	
599.50	<p>Cor. No. 4.</p> <p>Set a concrete and stone block, 18 ins. diam., 18 ins. in the ground, 3 ins. above ground, mkd. MS 4468A RB 6 4 X; from which</p> <p>Cor. No. 3, Red Bluff No. 4 lode of this survey, bears N. 84° 08' E., 52.18 ft. dist.</p> <p>A mound of stone constructed adjacent to concrete block.</p> <p>No other distinguishing bearing objects or trees available.</p> <p>Thence N. 59° 21' 30" W.</p>
330.00	E. bank of creek, 25 ft. wide, course S. 31° W.
557.56	Intersect line 1-2, Red Bluff No. 4 lode and line 3-4, Red Bluff No. 5 lode of this survey; from which cor. No. 2, Red Bluff No. 4 lode, identical with cor. No. 3, Red Bluff No. 5 lode of this survey, bears N. 30° 49' E., 43.14 ft. dist.
595.00	Unimproved road, bearing N. 11° E. and S. 11° W.
1156.98	Intersect line 1-2, Red Bluff No. 5 lode of this survey; from which cor. No. 2 bears N. 30° 49' E., 54.98 ft. dist.
1486.67	Cor. No. 1 and place of beginning.

## Survey No. 4468 B

	<p>At cor. No. 1 of the Red Bluff No. 1 Mill-site, identical with cor. No. 2, Red Bluff No. 2 Mill-site of this survey.</p> <p>Set a galvanized iron post, 24 ins. long, <math>\frac{3}{4}</math> in. diam., in a 10 in. concrete base, 16 ins. in the ground, with a brass cap, 2 ins. diam., set in concrete within the iron post, mkd. MS 4468 B RB MS 1 1 RB MS 2 2 X; from which</p> <p>The south <math>\frac{1}{4}</math> cor. of sec. 31, T. 5 N., R. 14 E., G. &amp; S.R. B. &amp; M., previously described, bears S. 45° 53' 30" W., 498.92 ft. dist.</p> <p>A mound of stone constructed adjacent to iron post.</p> <p>No other bearing objects or trees available.</p> <p>Thence N. 41° 17' E.</p>
423.90	<p>Cor. No. 2.</p> <p>Set a galvanized iron post, 24 ins. long, <math>\frac{3}{4}</math> in. diam., in a 10 in. concrete base, 16 ins. in the ground, with a brass cap, 2 in. diam., set in concrete within the iron post, mkd. MS 4468B RB MS 1 2 X; from which</p> <p>Cor. No. 1, Red Bluff No. 5 lode, bears N. 57° 54' W., 292.79 ft. dist.</p> <p>A mound of stone constructed adjacent to iron post.</p> <p>No other bearing objects or trees available.</p>

~~Corner~~  
Feet

	Thence S. 57° 54' E.
100.00	Unimproved road bearing N. 25° W. and S. 25° E.
520.00	Cor. No. 3. Set a galvanized iron post, 24 ins. long, $\frac{3}{4}$ in. diam., in a 10 in. concrete base, 16 ins. in the ground, with a brass cap, 2 ins. diam., set in concrete within the iron post, mkd. MS 4468B RB MS 1 3 X; from which  Cor. No. 1 Red Bluff No. 4 lode, identical with cor. No. 4, Red Bluff No. 5 lode, bears N. 57° 01' W., 213.33 ft. dist.  A mound of stone constructed adjacent to iron post.  No other bearing objects or trees available.
	Thence S. 41° 17' W.
423.90	Cor. No. 4, identical with cor. No. 3, Red Bluff No. 2 Mill-site.  Set a galvanized iron post, 24 ins. long, $\frac{3}{4}$ in. diam., in a 10 in. concrete base, 16 ins. in the ground, with a brass cap, 2 ins. diam., set in concrete within the iron post, mkd. MS 4468B RB MS 1 4 RB MS 2 3 X.  A mound of stones constructed adjacent to iron post.  No other distinguishing bearing objects or trees available.
	Thence N. 57° 54' W.
520.00	Cor. No. 1, identical with cor. No. 2, Red Bluff No. 2 Mill-site, the place of beginning.
	<b>RED BLUFF NO. 2 MILL-SITE</b> At cor. No. 1 of the Red Bluff No. 2 Mill-site.  Set a galvanized iron post, 24 ins. long, $\frac{3}{4}$ in. diam., in a 10 in. concrete base, 16 ins. in the ground with a brass cap, 2 ins. diam., set in concrete within the iron post, mkd. MS 4468B RB MS 2 1 X; from which  The south $\frac{1}{4}$ cor. of sec. 31, T. 5 N., R. 14 E., G. & S.R. B. & M., previously described, bears S. 80° 23' 30" W., 99.10 ft. dist.  A corner of the location bears S. 39° 04' W., 54.03 ft. dist.  A mound of stone constructed adjacent to the iron post.  No other distinguishing bearing objects or trees available.
	Thence N. 38° 14' E.
421.00	Cor. No. 2, identical with cor. No. 1, Red Bluff No. 1 Mill-site of this survey, previously described.
	Thence S. 57° 54' E.
520.00	Cor. No. 3, identical with cor. No. 4 of the Red Bluff No. 1 Mill-site of this survey, previously described.



~~XXXXXX~~  
Feet

Thence S. 38° 14' W.

90.27 Intersect S. line of sec. 31, T. 5 N., R. 14 E., G. & S.R. B. & M.,  
1/4 cor. bears W., 742.88 ft. dist.

110.00 NE. bank of reservoir, bears N. 15° W. and S. 15° E.

421.00 Cor. No. 4.

Set a galvanized iron post, 24 ins. long, 3/4 in. diam., in a 10 in. concrete base, 16 ins. in the ground, with brass cap, 2 ins. diam., set in concrete within the iron post, mkd. MS 4468B RB MS 2 4 X; from which

A corner of the location bears S. 27° 34' E., 78.0 ft. dist.

A mound of stone constructed adjacent to the iron post.

No other bearing objects or trees available.

Thence N. 57° 54' W.

488.88 Intersect S. line of sec. 31, T. 5 N., R. 14 E., G. & S.R. B. & M.,  
1/4 cor. bears W., 124.07 ft. dist.

520.00 Cor. No. 1 and place of beginning.

AREAS

Acres

Total area, Red Bluff No. 4 lode 20.634

Area in conflict with Red Bluff No. 6 lode of this survey 0.479

Total area, Red Bluff No. 5 lode 20.634

Area in conflict with Red Bluff No. 6 lode of this survey 0.675

Total area, Red Bluff No. 6 lode 20.458

Total area, Red Bluff No. 1 Mill-site 4.995

Total area, Red Bluff No. 2 Mill-site 4.997

LOCATION

This survey is located in the SE. 1/4 of sec. 31, T. 5 N., R. 14 E., and unsurveyed T. 4 N., R. 14 E., G. & S.R. B. & M.

The survey of the Red Bluff Nos. 4, 5 and 6 lode claims and Red Bluff Nos. 1 and 2 mill-sites are wholly within the locations as marked on the ground. Present corners are identical with corners of the location except where previously shown.

EXPENDITURES

The improvements and the value of the labor and improvements made upon or for the benefit of each of the lode locations embraced in said mining claims by the claimant or its grantors are as follows:

~~Check~~  
Feet

- No. 1 The discovery point of the Red Bluff No. 4 lode is on the lode line, 70 ft. from a point on line 2-3, 300.0 ft. from cor. No. 2.  
No value
- No. 2 The discovery location of the Red Bluff No. 4 lode bears N. 69° W., 342.0 ft. dist. from cor. No. 3 and is the portal of an adit, 4x7 ft. in size bearing S. 71° E. and running 200 ft. At 105 ft. a cross-cut 4x7 ft. in size, bears N. 20° E., 80 ft. and S. 20° W., 75 ft.  
Minimum value, \$9,000.
- No. 3 An adit, 4x6 ft. in size, the portal of which bears N. 85° W., 382.0 ft. from cor. No. 3, Red Bluff No. 4 lode, and runs S. 71° E., 78 ft.  
Minimum value, \$2,240.
- No. 4 An adit, 4x6 ft. in size, the portal of which bears N. 65° E., 670 ft. from cor. No. 1, Red Bluff No. 4 lode, and runs S. 71° E., 15 ft.  
Minimum value, \$450.
- No. 1 The discovery point of the Red Bluff No. 5 lode is on the lode line, 249.50 ft. from a point on line 2-3, 300.0 ft. from cor. No. 2.  
No value
- No. 2 The discovery location of the Red Bluff No. 5 lode, an open cut, 7x6x6 ft. deep, converted to a shed for powder storage is located S. 24° 30' E., 450.0 ft. from cor. No. 2.  
Minimum value, \$100.
- No. 3 A shaft, 5x6 ft. in size, the collar of which bears S. 41° 30' E., 480.0 ft. from cor. No. 2, Red Bluff No. 5 lode; depth of shaft, 50 ft.  
Minimum value, \$3,000.
- No. 4 An adit, 4x6 ft. in size, the portal of which bears S. 48° 15' E., 585.0 ft. from cor. No. 2, Red Bluff No. 5 lode and runs N. 77° W., 105.0 ft.  
Minimum value, \$3,150.
- No. 5 An open cut and adit, the east end of the cut bears S. 51° E., 575.0 ft. from cor. No. 2, Red Bluff No. 5 lode. The open cut varies from a 15 ft. width on the east to 5 ft. on the west and averages 15 ft. in depth. The portal of the adit, 4x6 ft. in size is located at the west end of the open cut. The adit bears N. 70° W. and runs 23 ft.  
Minimum value, \$1,500.
- No. 6 An adit, 4x6 ft. in size, the portal of which bears S. 52° 45' E., 555.0 ft. from cor. No. 2, Red Bluff No. 5 lode and runs N. 82° W., 68.0 ft.  
Minimum value, \$2,040.
- No. 7 An adit, 4x6 ft. in size, the portal of which bears N. 70° 30' E., 420.0 ft. from cor. No. 1, Red Bluff No. 5 lode and running N. 30° E., 18 ft.  
Minimum value, \$540.
- No. 1 The discovery point of the Red Bluff No. 6 lode is on the lode line, 900 ft. from a point on line 1-2, 300.0 ft. from cor. No. 1.  
No value.
- No. 2 The discovery location of the Red Bluff No. 6 lode, an open cut, 30x6x6 ft. deep, bears S. 75° 35' E., 935.0 ft. from cor. No. 1.  
Minimum value, \$200.



~~CHANGES~~

- No. 3 An open cut and adit, the portal of which bears S. 66° E., 920.0 ft. from cor. No. 1 of the Red Bluff No. 6 lode. The workings bear N. 80° W. Minimum dimensions of the cut are 50x8x15 ft. average depth. The adit is 7x7 ft. in size and runs 100 ft. Stopes have been raised from this adit bearing N. 10° E. and S. 10° W., 30 ft. in each direction, and have been raised through to the surface, 30 ft. Minimum value, \$5,000.
- No. 4 An open cut and adit, the east end of which bears S. 70° 30' E., 935.0 ft. from cor. No. 1, Red Bluff No. 6 lode. The cut, bearing N. 72° W., is 58 ft. long, 5x8 ft. wide and average 15 ft. in depth. An adit, 4x6 ft. in size runs 40 ft. further beyond the west end of the open cut. Minimum value, \$2,500.
- No. 5 An open cut, the east end of which bears S. 74° E., 945 ft. dist. from cor. No. 1, Red Bluff No. 6 lode, runs N. 65° W., 95 ft. width varies from 25 ft. on the east to 5 ft. on the west. Average depth is 15 ft. Minimum value, \$1,000.

## OTHER IMPROVEMENTS

A cross-cut, 4x6 ft. in size, running N. 35° E., 195.0 ft. from a point 45 ft. from the portal of improvement No. 3, Red Bluff No. 6 lode.

Claimant herein

A water tank, 16x16x8 ft. deep, bears S. 76° E., 350 ft. from cor. No. 1, Red Bluff No. 5 lode.

Claimant herein

A frame house, the northwest cor. of which bears S. 78° E., 188 ft. from cor. No. 1, Red Bluff No. 1 Mill-site, 23x31 ft. in size, the long sides bear N. 52° W.

Claimant herein

A frame bunk house, the northwest cor. of which bears south, 24 ft. from cor. No. 1, Red Bluff No. 4 lode, 12x16 ft. in size, the long sides bear E. and W.

Claimant herein

A frame workshop, the northwest cor. of which bears S. 79° 30' E., 332 ft. from cor. No. 1, Red Bluff No. 1 Mill-site, 16x52 ft. in size, the long sides bear E. and W.

Claimant herein

A frame storage shed, the southwest cor. of which bears east, 324 ft. from cor. No. 1, Red Bluff No. 1 Mill-site, 12x15 ft. in size, the long sides bear N. 52° W.

Claimant herein

## SUPPLEMENTAL DATA

None

## FIELD ASSISTANTS

Name	Capacity
Russell Hart, Jr.	Chainman
Richard Cleveland	Axeman





UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

CERTIFICATE OF SURVEYOR

December 23, 1958

I, Harvey W. Smith  
Mineral Surveyor, hereby certify upon honor that in pursuance of an order received from the United States  
Department of the Interior, Bureau of Land Management, at Phoenix, Arizona  
dated October 14, 1958, I have faithfully and correctly executed the survey of  
the mining claims of Ethel Schell Larsen  
and mill-sites  
known as the Red Bluff Nos. 4, 5, and 6, and Red Bluff Nos. 1 and 2 mill-site  
(Lode, placer, or mill site)  
situate in (Flourine, Globe, Florine, Fluorine) mining district, Gila County, in Sec. 31,  
T. 5N., R. 14E. G&SR B&M Meridian, Arizona, and  
and unsurveyed T. 4 N., R. 14 E. (State)  
designated as Survey No. 4468 A & B, which is represented in the foregoing field notes as having been  
executed by me and under my direction, and that said survey has been made in strict conformity with said order,  
the Manual of Instructions for the Survey of the Public Lands of the United States, and in the specific manner  
described in the foregoing field notes, and I do further certify that the labor expended and improvements made  
upon or for the benefit of the Lode location(s) embraced in the said mining claim by  
(Lode or placer)  
claimant(s) or his grantors are fully stated in my report therein, and that the character,  
extent, location, and itemized value thereof are specified therein with particularity and full detail, and that 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.

Phoenix, Arizona  
(Place)

Harvey W. Smith  
Harvey W. Smith  
(Mineral Surveyor)

CERTIFICATE OF APPROVAL

Bureau of Land Management Cadastral Survey  
(Office) Office  
Phoenix, Arizona May 11, 1959  
(Place) (Date)

The foregoing field notes of mineral survey No. 4468 A&B, in Section 31  
T. 5 N., R. 14 E., Gila and Salt River Meridian,  
and unsurveyed T. 4 N., R. 14 E., G&SRM,  
Arizona, executed by Harvey W. Smith, Mineral Surveyor,  
(State)  
under order dated October 14, 1958, 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.

Lester S. Mann  
Lester S. Mann

Office Cadastral Engineer  
(Title)

CERTIFICATE OF TRANSCRIPT

I CERTIFY that the foregoing transcript of field notes of the above described mineral survey No. \_\_\_\_\_  
is a true copy of the original field notes.







UNITED STATES DEPARTMENT OF THE INTERIOR 9605 (952)  
BUREAU OF LAND MANAGEMENT M.S. 4468B  
ARIZONA STATE OFFICE

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NOTICE OF CANCELLATION OF MINERAL SURVEY

The Red Bluff No. 1 and No.2 mill sites, Mineral Survey No. 4468B, located in section 31, Township 5 North, Range 14 East and section 6, Township 4 North, Range 14 East, Gila and Salt River Meridian, Arizona, are hereby canceled.

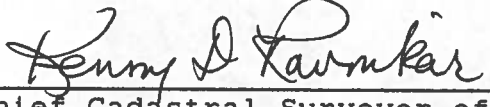
These claims have not been filed with the Arizona State Office, Bureau of Land Management, in accordance with Section 314, 90 STAT. 2769, (43 U.S.C. 1744).

This cancellation was necessitated to clear the record.

The Mineral Survey Plat should be noted as follows:

"Red Bluff No.1 and No.2 mill sites, M.S. 4468B were canceled May 4, 1999, by memo 9605 (952) M.S. 4468B, which is now a part of the original field notes."

May 4, 1999  
Date

  
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Chief Cadastral Surveyor of Arizona

