

Form 4-683
(January 1963)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Mineral Survey number
4707

State
Arizona

Land District
Arizona

FIELD NOTES

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

Estate of Arthur C. W. Bowen
c/o Dean Estep, Administrator
222 North Central Avenue, Suite 1004
Phoenix, Arizona 85004

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

CONSISTING OF LOCATIONS NAMED AND LOCATED AS FOLLOWS

NAME OF LOCATION	DATE	
	LOCATED	AMENDED
David R. No I	6/14/44	
Superior Perlite #1	9/13/44	

Mining district Pioneer			County Pinal	
Sections 8 & 9	Township 2 South	Range 12 East	Meridian G&SR	Survey under order dated Nov. 8, 1971
Survey commenced Nov. 22, 1971		Survey completed Dec. 1, 1971	Name of Mineral Surveyor Harvey W. Smith, E. M.	

DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FIELD NOTES

STATE OF TEXAS
COUNTY OF ...
LAND DISTRICT ...

The following is a list of the locations of the ...
...
...

LIST OF LOCATIONS VISITED AND LOCATED AS FOLLOWS

DATE	LOCATION	DESCRIPTION
...
...

Survey conducted by ...
...
...

FEET

This survey was made with a Swiss Kern Theodolite, Model DKM 1, No. 77769, having horizontal and vertical circles 50 mm. in diam. The circles are graduated in degrees and 20-minute increments. An optical micrometer, adjustable to the vertical and horizontal circles, permits the reading of angles direct to ten-second accuracy and estimating to one-second accuracy. 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-angles-right referred to the meridian established by direct observation on the sun. At 9:10 a.m. on November 24, 1971, at Cor. No. 1 of the Superior Perlite #1 lode, in latitude $33^{\circ} 16' 46.2''$ N., and longitude $110^{\circ} 07' 55''$ W. turning from a reference point about 1500 ft. easterly clockwise to the sun in a southeasterly direction.

True bearing of reference point: N. $88^{\circ} 14' 30''$ E.

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. The tape was compared to a standard and found to be correct. All lines and connections of this survey were run by direct methods.

The magnetic declination observed at each corner of the survey gave a uniform value of $13^{\circ} 30'$ E.

SURVEY NO. 4707

David R. No I LODE

At cor. No. 1 of the David R. No I lode, identical with cor. No. 2 of the Superior Perlite #1 lode of this survey.

Set an iron post, $3/4$ in. diam., 24 ins. long, in a concrete and rock base, 12 ins. in the ground, with a brass cap firmly secured to the iron post, mkd. X D.R. 1 1 S.P. 1 2 U.S.M.S. 4707; from which

The $1/4$ cor. of secs. 8 and 9, T. 2 S., R. 12 E., G&SRM, bears S. $41^{\circ} 37' 45''$ E., 622.76 ft. dist.; a stone 8 x 8 ins. in size, 12 ins. above ground, firmly set, marked and witnessed as described in the official record.

A wood post, 4 x 4 ins. in size, 4 ft. above ground, sets adjacent to the iron post.

FEET		
	Thence N. 0° 40' 25" W.	
300.	Lode line; discovery pt. bears N. 88° 14' 30" E., 750 ft. dist.	
569.88	A point for witness Cor. No. 2. Set an iron post, 3/4 in. diam., 24 ins. long, in a concrete and rock base, 12 ins. in the ground, with a brass cap firmly secured to the iron post, mkd. X D.R. I 2 W.C. U.S.M.S. 4707; from which A wood post, 4 x 4 ins. in size, 4 ft. above ground, sets adjacent to the iron post.	
600.0	Cor. No. 2. This corner falls on the edge of a cut and a permanent marker would be obliterated by sloughing into the cut.	
	Thence N. 88° 14' 30" E.	
1,499.5	Cor. No. 3. Set an iron post, 3/4 in. diam., 24 ins. long, in a concrete and rock base, 12 ins. in the ground, with a brass cap firmly secured to the iron post, mkd. X D.R. I 3 U.S.M.S. 4707; from which A wood post, 4 x 4 ins. in size, 4 ft. above ground, sets adjacent to the iron post.	
	Thence S. 0° 40' 25" E.	
55.	Unimproved dirt road, bears N. 69° E. and S. 69° W.	
300.	Lode line; discovery pt. bears S. 88° 14' 30" W., 749.50 ft. dist.	
600.0	Cor. No. 4, identical with Cor. No. 3 of the Superior Perlite #1 lode of this survey. Set an iron post, 3/4 in. diam., 24 ins. long, in a concrete and rock base, 12 ins. in the ground, with a brass cap firmly secured to the iron post, mkd. X D.R. I 4 S.P. 1 3 U.S.M.S. 4707; from which A wood post, 4 x 4 ins. in size, 4 ft. above ground, sets adjacent to the iron post.	
	Thence S. 88° 14' 30" W.	
260.	Unimproved dirt road, bears N. 20° E. and S. 15° W.	
470.	Unimproved dirt road, bears N. 32° E. and S. 29° W.	

FEET	
1,300.	Unimproved dirt road, bears N. 10° E. and S. 10° W.
1,499.5	Cor. No. 1, and place of beginning.
<p>Superior Perlite #1 LODE</p> <p>At Cor. No. 1 of the Superior Perlite #1 lode.</p> <p>Set an iron post, 3/4 in. diam., 24 ins. long, in a concrete and rock base, 12 ins. in the ground, with a brass cap firmly secured to the iron post, mkd. X S.P. 11 U.S.M.S. 4707; from which</p> <p>The 1/4 cor. of secs. 8 and 9 bears N. 71° 42' 05" E., 428.30 ft. dist.; previously described.</p> <p>Cor. No. 1 Sur. No. 4677 Forgotten Wedge lode bears N. 88° 10' E., 434.91 ft. dist.</p> <p>A wood post, 4 x 4 ins. in size, 4 ft. above ground, sets adjacent to the iron post.</p> <p>Thence N. 0° 40' 25" W.</p>	
300.	Lode line; discovery pit bears N. 88° 14' 30" E., 100 ft. dist.
600.0	Cor. No. 2, identical with Cor. No. 1 of the David R. No I lode of this survey.
Thence N. 88° 14' 30" E.	
199.5	Unimproved dirt road, bears N. 10° E. and S. 10° W.
1,029.5	Unimproved dirt road, bears N. 32° E. and S. 29° W.
1,239.5	Unimproved dirt road, bears N. 20° E. and S. 15° W.
1,499.5	Cor. No. 3, identical with Cor. No. 4 of the David R. No I lode of this survey.
Thence S. 0° 40' 25" E.	
300.	Lode line; discovery pit bears S. 88° 14' 30" W., 1,399.50 ft. dist.
599.46	Intersect line 1-2 Sur. No. 4677 Forgotten Wedge lode at a point from which Cor. No. 1 bears S. 88° 14' 30" W., 1,064.50 ft. dist.
600.0	Cor. No. 4

FEET											
	<p>Set an iron post, 3/4 in. diam., 24 ins. long, in a concrete and rock base, 12 ins. in the ground, with a brass cap firmly secured to the iron post, mkd. X S.P. 1 4 U.S.M.S. 4707; from which</p> <p>A wood post, 4 x 4 ins. in size, 4 ft. above ground, sets adjacent to the iron post.</p> <p style="text-align: center;">Thence S. 88° 14' 30" W.</p>										
469.45	Unimproved dirt road, bears N. 45° W. and S. 45° E.										
1,064.45	Intersect line 4-1 Sur. No. 4677 Forgotten Wedge lode at a point from which Cor. No. 1 bears N. 15° 53' W., 0.59 ft. dist.										
1,270.	Unimproved dirt road, bears N. 10° W. and S. 10° E.										
1,499.5	Cor. No. 1, and place of beginning.										
SURVEY NO. 4707											
AREAS											
	<table> <thead> <tr> <th></th> <th style="text-align: right;">Acres</th> </tr> </thead> <tbody> <tr> <td>Total area Superior Perlite #1 lode</td> <td style="text-align: right;">20.651</td> </tr> <tr> <td>Area in conflict with</td> <td></td> </tr> <tr> <td>Sur. No. 4677 Forgotten Wedge lode</td> <td style="text-align: right;">0.014</td> </tr> <tr> <td>Total area David R. No I lode</td> <td style="text-align: right;">20.651</td> </tr> </tbody> </table>		Acres	Total area Superior Perlite #1 lode	20.651	Area in conflict with		Sur. No. 4677 Forgotten Wedge lode	0.014	Total area David R. No I lode	20.651
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Total area Superior Perlite #1 lode	20.651										
Area in conflict with											
Sur. No. 4677 Forgotten Wedge lode	0.014										
Total area David R. No I lode	20.651										
LOCATION											
	<p>This survey is located in the SE 1/4 and NE 1/4 sec. 8 and NW 1/4 and SW 1/4 sec. 9 of T. 2 S., R. 12 E., G&SRM.</p> <p>The survey of the David R. No I and Superior Perlite #1 lodes is identical with the respective location or amended location as marked on the ground.</p>										
EXPENDITURES											
	<p>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 claim by the claimant or their grantors are as follows:</p>										
No. 1	<p>The discovery pt. of the David R. No I lode is on the lode line 750 ft. from a pt. on line 1-2, 300.0 ft. from Cor. No. 1.</p> <p style="text-align: right;">Value: None</p>										

FEET	
No. 2	<p>The original discovery cut of the David R. No. 1 is on the lode line 810 ft. from a pt. on line 1-2, 300.0 ft. from Cor. No. 1; a slight depression in the ground with a perimeter of soil and rock. Diameter of the depression is 8 ft.</p> <p style="text-align: right;">Value: None</p>
No. 1	<p>The discovery pit of the Superior Perlite #1 lode is on the lode line, 100.0 ft. from a pt. on line 1-2, 300.0 ft. from Cor. No. 1; 4 x 6 ft. in size, depth unknown as it was filled with water.</p> <p style="text-align: right;">Value: \$100.00</p>
No. 2	<p>A cut, the NE. cor. of which bears S. 81° W., 675 ft. from Cor. No. 3 of the Superior Perlite #1 lode; 55 ft. wide, running S. 78° W., 60 ft. to a 6 ft. high face.</p> <p style="text-align: right;">Value: \$700.00</p>
No. 3	<p>A cut, the NE. cor. of which bears S. 67° W., 700 ft. from Cor. No. 3 of the Superior Perlite #1 lode; 60 ft. wide at the east end, running generally west 200 ft. to a face 20 ft. high at the SW. cor. The West 70 ft. of the cut runs north 70 ft. to a face 8 ft. high.</p> <p style="text-align: right;">Value: \$3,000.00</p>
No. 4	<p>A cut, the NE. cor. of which bears S. 53° W., 890 ft. from Cor. No. 3 of the Superior Perlite #1 lode; 40 ft. wide at the east end, running generally west, triangularly shaped, widening to 175 ft. with a face 12 ft. high.</p> <p style="text-align: right;">Value: \$2,500.00</p>
No. 5	<p>A cut, the NE. cor. of which bears S. 44° W., 620 ft. from Cor. No. 3 of the Superior Perlite #1 lode; 100 ft. wide, running south an average length of 125 ft. The depth is unknown as the cut is filled with water.</p> <p style="text-align: right;">Value: \$1,500.00 (minimum)</p>
No. 6	<p>A cut, the NE. cor. of which bears S. 87° W., 710 ft. from Cor. No. 3 of the Superior Perlite #1 lode; 14 ft. wide at the face, running S. 80° W., 10 ft. to a face 6 ft. wide and 12 ft. high.</p> <p style="text-align: right;">Value: \$250.00</p>
	<p>OTHER IMPROVEMENTS</p> <p>None</p>

(This form bound on left side)

FEET

**OTHER CORNER DESCRIPTIONS
AND SUPPLEMENTAL DATA**

Sur. No. 4677 Forgotten Wedge Lode: Cors. Nos. 1, 2 and 4 are iron posts with brass caps, firmly set and properly marked. Line 1-2 and 4-1 were found to be correct as approved.

FIELD ASSISTANTS

<u>Name</u>	<u>Capacity</u>
George Erickson	Chainman
Kent Miller	Axeman

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

CERTIFICATE OF SURVEYOR

Name of Mineral Surveyor Harvey W. Smith	Date 1/25/72
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I HEREBY CERTIFY That in pursuance of an order received from the Bureau of Land Management, at Phoenix, Arizona, dated November 8, 1971, I have carefully executed the survey of the claim of the Estate of Arthur C. W. Bowen, known as the (lode, placer, or mill site) David R. No 1 and Superior Perlite #1 lodes, situated in Sections 8 and 9, Township 2 South, Range 12 East, G&SR Meridian, in the State of Arizona.

This survey, designated as number 4707, 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 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 its 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.

Paradise Valley, Arizona
(Location)

Harvey W. Smith
(Signature of Mineral Surveyor)

CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT

Office Arizona State Office
Location Phoenix, Arizona
Date May 22, 1972

The foregoing field notes of mineral survey number 4707, in Sections 8 and 9, Range 12 E., Gila and Salt River Meridian, in the State of Arizona, surveyed unsurveyed Township 2 S., executed by Harvey W. Smith, Mineral Surveyor, under order dated November 8, 1971, 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.

Edward J. Hoffmann
(Authorized Signature)

Acting State Director
(Title)

CERTIFICATE OF TRANSCRIPT

I HEREBY 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]

[illegible]

[illegible]

[illegible text]

[illegible text]

[illegible text]

[illegible text]