

Form 4-683  
(January 1963)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

Mineral Survey number  
4665  
State  
Arizona  
Land District  
Arizona

FIELD NOTES

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

Chemi-Cote Perlite Corporation  
3815 North 55th Place  
Phoenix, Arizona 85018

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

CONSISTING OF LOCATIONS NAMED AND LOCATED AS FOLLOWS

NAME OF LOCATION	DATE	
	LOCATED	AMENDED
Sandy No. 2	4/20/44	

Mining district Pioneer		County Pinal	
Section 9	Township 2S	Range 12E	Meridian G. & S.R.
Survey commenced 11/29/67		Survey completed 12/4/67	Survey under order dated 11/29/67
Name of Mineral Surveyor Harvey W. Smith			

RECEIVED  
FEB 10 1964

UNITED STATES  
DEPARTMENT OF AGRICULTURE

OFFICE OF THE ASSISTANT  
SECRETARY FOR  
GENERAL INVESTIGATIONS

WASHINGTON, D. C. 20250

ATTENTION: GENERAL INVESTIGATIONS  
DIVISION

MAIL ROOM

TELEPHONE ROOM

RECORDS SECTION

TRAINING CENTER

LABORATORY

FIELD STATIONS

ADMINISTRATIVE SERVICES

GENERAL INVESTIGATIONS  
DIVISION

WASHINGTON, D. C. 20250

TELEPHONE ROOM

MAIL ROOM

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DIVISION

SURVEY NO. 4665

1.

F E E T

This survey was made with a Swiss Kern theodolite, Model DKM1, No. 77769, having horizontal and vertical circles, 50 mm. in diam. The circles are graduated in degrees and twenty-minute increments. An optical micrometer, adjustable to the vertical and horizontal circles, permits the reading of angles, direct to 10 seconds 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 10:00:30 A.M. on November 30, 1967 at Cor. No. 2 of the Sandy No. 2 Lode, latitude  $33^{\circ}16'10''$  N., longitude  $111^{\circ}07'43''$  W., turning from a reference point about 600 ft. southeastward, clockwise to the sun in a southeast direction.

True bearing of reference point  $S.82^{\circ}57'30''E.$

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. One additional foot at the zero end is also graduated in 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  $14^{\circ}$  East.

Sandy No. 2 LODE

At cor. No. 1 of the Sandy No. 2 lode.

Set an iron post,  $3/4$  in. diam., 30 ins. long, in a 50 pound concrete and rock base, 10 ins. in the ground, with a brass cap, 2 ins. diam., firmly secured to the iron post, mkd. M.S. 4665 S2 1X; from which

The  $1/4$  cor. of secs. 8 and 9, T.2S., R.12E., G. & S.R.M., bears  $N.65^{\circ}11'W.$ , 2,057.54 ft. dist.; a stone, 8X8 ins. in size, 12 ins. above ground, firmly set, marked and witnessed as described in the official record.

A mound of stones adjacent to the iron post.

FEET	
1494.70	<p>Thence N.13°10'10"E.</p> <p>Cor. No. 2</p> <p>Set an iron post, 3/4 in diam., 30 ins. long, in a 25 pound concrete and rock base, 12 ins. in the ground, with a brass cap, 2 ins. diam., firmly secured to the iron post, mkd. M.S. 4665 S2 2X; from which</p> <p>A mound of stones adjacent to the iron post.</p>
185.0	<p>Thence S.82°57'30"E.</p> <p>Unimproved road bears N.40°W. and S.40'E.</p>
296.50	<p>Lode line; discovery shaft bears S.13°56'55"W., 450.0 ft. dist.</p>
596.14	<p>Cor. No. 3</p> <p>Set an iron post, 3/4 in. diam., 30 ins. long, in a 25 pound concrete and rock base, 12 ins. in the ground, with a brass cap, 2 ins. diam., firmly secured to the iron post, mkd. M.S. 4665 S2 3X; from which</p> <p>A mound of stones adjacent to the iron post.</p>
300.0	<p>Thence S.14°30'10"W.</p> <p>Unimproved road bears N.66°W. and S.66°E.</p>
1498.80	<p>Cor. No. 4</p> <p>Set an iron post, 3/4 in. diam., 30 ins. long, in a 25 pound concrete and rock base, 12 ins. in the ground, with a brass cap; 2 ins. diam., firmly secured to the iron post, mkd. M.S. 4665 S2 4X; from which</p> <p>A mound of stones adjacent to the iron post.</p>
285.0	<p>Thence N.82°57'30"W.</p> <p>Lode line; discovery shaft bears N.13°56'55"E., 1046.99 ft. dist.</p>
561.04	<p>Cor. No. 1, and place of beginning.</p>
	<p>Survey No. 4665</p>

FEET	AREAS
	<p style="text-align: right;">Acres</p> <p>Total area Sandy No. 2 lode      19.740</p>
	<p style="text-align: center;">LOCATION</p> <p>This survey is located in the NE.1/4, NW.1/4, SW.1/4 and SE.1/4 sec. 9 of T.2S., R.12E., G. &amp; S.R.M.</p> <p>The survey of the Sandy No. 2 lode is identical with the location as marked on the ground.</p>
	<p style="text-align: center;">EXPENDITURES</p> <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 his grantors are as follows:</p>
No. 1	<p>The discovery shaft of the Sandy No. 2 lode is on the lode line 450.0 ft. from a point on line 2-3, 296.50 ft. from Cor. No. 2; 4X4 ft. in size, 6 ft. deep.</p> <p style="text-align: right;">Value, \$200.00</p>
No. 2	<p>A cut, the NW. cor. of which bears S.23°E., 430.0 ft. from Cor. No. 2 of the Sandy No. 2 lode; 20 ft. wide, running east, 20 ft. to a 5 ft.-high face.</p> <p style="text-align: right;">Value, \$250.00</p>
No. 3	<p>A cut, the NW. cor. of which bears S.26°E., 385.0 ft. from Cor. No. 2 of the Sandy No. 2 lode; 25 ft. wide, running east, 15 ft. to a 5 ft. high face.</p> <p style="text-align: right;">Value, \$250.00</p>
No. 4	<p>A cut, the NW. cor. of which bears S.26°E., 380.0 ft. from Cor. No. 2 of the Sandy No. 2 lode; 60 ft. wide, 1 ft. deep, running east, 40 ft.</p> <p style="text-align: right;">Value, \$100.00</p>
	<p style="text-align: center;">OTHER IMPROVEMENTS</p> <p style="text-align: center;">None</p>
	<p style="text-align: center;">OTHER CORNER DESCRIPTIONS AND SUPPLEMENTAL DATA</p> <p style="text-align: center;">None</p>

FEET

FIELD ASSISTANTS

Name

Capacity

Theodore Hilbrands

Chainman - Axeman

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

CERTIFICATE OF SURVEYOR

Name of Mineral Surveyor	Date
Harvey W. Smith	Dec. 4, 1967

I HEREBY CERTIFY That in pursuance of an order received from the Chief, Div. of Engineering Bureau of Land Management, at Phoenix, Arizona dated Nov. 29, 1967, I have carefully executed the survey of the claim of Chemi-Cote Perlite Corporation, known as the (lode, placer, or mill site) Sandy No. 2 lode, situated in the Pioneer Mining District, Pinal County, Sec. 9, Township 2S., Range 12E., G. & S.R. Meridian, in the State of Arizona

This survey, designated as number 4665, 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.

Scottsdale, Arizona  
(Location)

*Harvey W. Smith*  
(Signature of Mineral Surveyor)

Harvey W. Smith

CERTIFICATE OF APPROVAL

Bureau of Land Management

Office
Arizona State Office
Location
Phoenix, Arizona
Date
February 28, 1968

The foregoing field notes of mineral survey number 4665, in Section 9, Township 2 S., Range 12 E., Gila and Salt River Meridian, in the State of Arizona, executed by Harvey W. Smith, Mineral Surveyor, under order dated November 29, 1967, 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.

*Fred J. Wetzel*  
(Authorized Signature)

State Director  
(Title)

CERTIFICATE OF TRANSCRIPT

I CERTIFY That the foregoing transcript of field notes of the above described mineral survey number 4665 is a true copy of the original field notes.

(Authorized Signature) (Title)

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.

