

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

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

Mineral Survey number  
4678

State  
Arizona

Land District  
Arizona

FIELD NOTES

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

Marvin I. Stokoe  
Glenn A. Maxwell  
4369 Dauntless Drive  
Palos Verdes Peninsula, California 90274

Known as the (name of group, if any)

CONSISTING OF LOCATIONS NAMED AND LOCATED AS FOLLOWS

NAME OF LOCATION	DATE	
	LOCATED	AMENDED
Black Butte #1	6/28/68	1/2/70

Mining district Ellsworth			County Maricopa	
Section 19 & 20	Township 6 N.	Range 9 W.	Meridian G. & S.R.	Survey under order dated 11/4/69 & 11/22/78
Survey commenced 11/11/69		Survey completed 11/24/78	Name of Mineral Surveyor Harvey W. Smith	

The first part of the document discusses the importance of maintaining accurate records of all transactions. It emphasizes that every entry should be supported by a valid receipt or invoice. This ensures transparency and allows for easy verification of the data.

In the second section, the author details the various methods used to collect and analyze the data. This includes both manual and automated processes. The goal is to ensure that the information is both reliable and up-to-date.

The third part of the document focuses on the results of the analysis. It shows a clear upward trend in the data over the period studied. This suggests that the current strategies being implemented are effective.

Finally, the document concludes with a series of recommendations for future work. It suggests that further research should be conducted to explore new opportunities and optimize the existing processes.

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 10-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 determined by the following observation:

November 11, 1969, at Cor. No. 2 of the Black Butte # 1 lode, latitude  $33^{\circ}50'46''N.$ , longitude  $113^{\circ}13'15''W.$ , elevation 2,640 ft. above sea level, and temperature  $70^{\circ}F.$ , make a series of six altitude observations on the sun for azimuth at approximately equal time intervals, three each with the telescope in direct and reversed positions, observing opposite limbs of the sun, and reading the horizontal angle from a reference point about 600 ft. southeasterly SW to the sun.

Mean time of observation,  
105th meridian standard  
time =  $2^h08^m07.1^s$  p.m.

Declination of sun at mean  
time of observation =  $17^{\circ}34'40.9''S.$

Mean observed vertical  
angle to sun's center =  $28^{\circ}14'45''$

Mean horizontal angle from  
reference point to sun's  
center =  $62^{\circ}05'40''S-W$

True bearing to reference  
point =  $S.22^{\circ}41'E.$

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 an Invar standard tape at the beginning of the survey 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.

Mineral Survey No. 4678

FEET		
	<p style="text-align: center;">BLACK BUTTE # 1 LODE</p> <p>At Cor. No. 1 of the Black Butte # 1 lode.</p> <p>Set an iron post, 24 ins. long, 3/4 ins. in diam., 12 ins. in the ground, in a concrete and rock base, with a brass cap firmly secured to the iron post, mkd. X B.B.1 1 U.S.M.S. 4678; from which</p> <p style="padding-left: 40px;">The cor. of secs. 19, 20, 29 and 30, T.6 N., R.9 W., G.&amp; S.R.M., bears S.21°49'50"W., 692.69 ft. dist.; monumented with an iron post, 2 ins. in diam., 12 ins. above ground, firmly set, with a brass cap properly mkd.</p> <p style="padding-left: 40px;">A wood post, 4 X 4 ins. in size, 4 ft. above ground, sets adjacent to the iron post.</p> <p>No local bearing objects or bearing trees available.</p> <p style="text-align: center;">Thence N.22°41'W.</p>	
1,500.00	<p>Cor. No. 2.</p> <p>Set an iron post, 24 ins. long, 3/4 ins. in diam., 12 ins. in the ground, in a concrete and rock base, with a brass cap firmly secured to the iron post, mkd. X B.B.1 2 U.S.M.S. 4678; from which</p> <p style="padding-left: 40px;">A wood post, 4 X 4 ins. in size, 4 ft. above ground, sets adjacent to the iron post.</p> <p>No local bearing objects or bearing trees available.</p> <p style="text-align: center;">Thence N.62°16'50"E.</p>	
300.00	<p>Lode line; discovery point bears S.22°41'E., 1,200.00 ft. dist.</p>	
600.00	<p>Cor. No. 3.</p> <p>Set an iron post, 24 ins. long, 3/4 ins. in diam., 12 ins. in the ground, in a concrete and rock base, with a brass cap firmly secured to the iron post, mkd. X B.B.1 3 U.S.M.S. 4678; from which</p> <p style="padding-left: 40px;">A wood post, 4 X 4 ins. in size, 4 ft. above ground, sets adjacent to the iron post.</p> <p>No local bearing objects or bearing trees available.</p> <p style="text-align: center;">Thence S.22°41'E.</p>	

FEET					
1,500.00	<p>Cor. No. 4.</p> <p>Set an iron post, 24 ins. long, 3/4 ins. in diam., 12 ins. in the ground, in a concrete and rock base, with a brass cap firmly secured to the iron post, mkd. X B.B.1 4 U.S.M.S. 4678; from which</p> <p style="padding-left: 40px;">A wood post, 4 X 4 ins. in size, 4 ft. above ground, sets adjacent to the iron post.</p> <p>No local bearing objects or bearing trees available.</p> <p style="text-align: center;">Thence S.62°16'50"W.</p>				
220.	Center of unimproved dirt road, 12 ft. wide, bears N.23°W. and S.23°E.				
300.00	Lode line; discovery point bears N.22°41'W., 300 ft. dist.				
600.00	Cor. No. 1, and place of beginning.				
Mineral Survey No. 4678					
<table border="0" style="width: 100%;"> <thead> <tr> <th style="text-align: center;">AREAS</th> <th style="text-align: center;">Acres</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">Total area, Black Butte # 1 lode</td> <td style="text-align: center;">20.581</td> </tr> </tbody> </table>		AREAS	Acres	Total area, Black Butte # 1 lode	20.581
AREAS	Acres				
Total area, Black Butte # 1 lode	20.581				
LOCATION					
<p>This survey is located in the SE 1/4 sec. 19 and SW 1/4 sec. 20, T.6 N., R.9 W., G.&amp; S.R.M.</p> <p>The survey of the Black Butte # 1 lode is identical with its 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 point of the Black Butte # 1 lode is on the lode line, 300 ft. from a point on line 4-1, 300 ft. from Cor. No. 4.</p> <p style="padding-left: 40px;">Value, None</p>				
No. 2	<p>An untimbered shaft, the SE. cor. of which bears N.69°W., 372 ft. dist. from Cor. No. 4 of the Black Butte # 1 lode; 8 X 10 ft. in size, 15 ft. deep. At the bottom of the shaft, a drift, 4 X 6 ft. in size, runs N.45°E., 12 ft. At the collar of the shaft, on the NW. side, a cut, 6 ft. wide, runs N.45°W., 25 ft. Average depth, 4 1/2 ft.</p> <p style="padding-left: 40px;">Value, \$3,000.00</p>				

(This form bound on left side)

	FEET	<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> <hr/> <p style="text-align: center;">FIELD ASSISTANTS</p> <table border="0"><thead><tr><th style="text-align: left;">Name</th><th style="text-align: left;">Capacity</th></tr></thead><tbody><tr><td>George Erickson</td><td>Chainman-Axeman</td></tr></tbody></table>	Name	Capacity	George Erickson	Chainman-Axeman
Name	Capacity					
George Erickson	Chainman-Axeman					

UNITED STATES  
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CERTIFICATE OF SURVEYOR

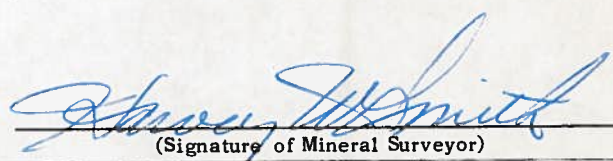
Name of Mineral Surveyor Harvey W. Smith	Date November 24, 1978
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I HEREBY CERTIFY That in pursuance of an order received from the Acting Chief, Division of Engineering, Bureau of Land Management, at Phoenix, Arizona, dated 11/4/69 and 11/22/78, 1978, I have carefully executed the survey of the claim of Marvin I. Stokoe and Glenn A. Maxwell, known as the (lode, placer, or mill site) Black Butte #1 Lode, situated in Ellsworth Mining District, Maricopa County, Secs. 19&20 Township 6 N. Range 9 W., Gila & Salt River Meridian, in the State of Arizona.

This survey, designated as number 4678, 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) Black Butte #1 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.

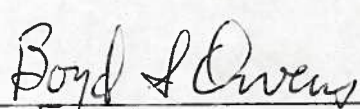
Scottsdale, Arizona  
(Location)

  
(Signature of Mineral Surveyor)  
Harvey W. Smith, E.M.

CERTIFICATE OF APPROVAL

Office Arizona State Office
Location Phoenix, Arizona
Date August 31, 1979

The foregoing field notes of mineral survey number 4678, in Section 19 & 20, Range 9 W., Gila and Salt River Meridian, in the State of Arizona,  surveyed  unsurveyed Township 6 N., executed by Harvey W. Smith, Mineral Surveyor, under order dated Nov. 4, 1969 & Amended Nov. 23, 1978, 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.

  
Boyd S. Owens (Authorized Signature)

Chief, Branch of Cadastral Survey  
(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)

