

Form 4-683
(January 1963)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Mineral Survey number
4629
State
Arizona
Land District

FIELD NOTES

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

TENNESSEE CORPORATION, a Delaware Corporation
P. O. Box 100
Miami, Arizona

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

Wedge Lode

CONSISTING OF LOCATIONS NAMED AND LOCATED AS FOLLOWS

NAME OF LOCATION	DATE	
	LOCATED	AMENDED
Wedge	8/24/15	6/26/64

Mining district Globe			County Gila	
Section 11 UNS	Township 1 North	Range 14 East	Meridian G. & S. R.	Survey under order dated July 20, 1965
Survey commenced Oct. 12, 1965		Survey completed Oct. 19, 1965	Name of Mineral Surveyor O. T. Smith	

SURVEY NO. 4629

1.

F E E T

This survey was made with a C. L. Berger & Sons transit No. 6678, with horizontal limb 5 ins. diam., having two double opposite verniers, and full vertical circle 4-3/4 ins. diam., having one double vernier; the verniers read to one minute of arc; the eyepiece is equipped with a colored shade set in the dust shutter for making direct observations upon 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 deflection angles referred to the meridian determined by the following observation:

October 12, 1965, at cor. No. 1 of the Wedge lode, in latitude 33°26'10" N., and longitude 110°52'40" W., I make a series of six altitude observations upon the sun for azimuth at approximately equal time intervals, three each with the telescope in direct and reverse positions, observing opposite limbs of the sun, and reading the horizontal angle from a reference point 596.6 ft. northward N. W. to the sun.

Mean time of observation,
105th meridian standard time = 3^h42^m P.M.

Declination of sun at mean
time of observation = 7°25'06.8" S.

Mean observed vertical angle
to sun's center = 26°01'40"

Mean horizontal angle from
reference point to sun's
center = 97°05'50" NW

True bearing to reference
point = N. 22°46'33"W

The lines were measured with a Keuffel & Esser Co. steel tape 500 ft. in length, graduated every foot with the first and last foot graduated in tenths and hundredths; and a steel tape 10 ft. in length, graduated to feet, tenths, and hundredths; both tapes were compared with a standard 100 ft. invar steel tape at the time of beginning the survey, and found 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°50' E.

Survey No. 4629

Wedge Lode

Begin at cor. No. 1 of the Wedge lode, identical with cor. No. 3 Sur. No. 3250 Copper Wedge lode and on line 3-4 Sur. No. 3250 Diamond H. No. 3 lode.

Replaced a rotted 4x4 in. post with an iron pipe 5 ft. long, 2 ins. diam., set in concrete 2 ft. in the ground with iron cap mkd W-1-4629-CW-3-3250; from which

FEET	
	<p>The SW cor. of Sec. 7, T. 1 N., R. 15 E., G. & S. R. M., bears S. 74°46'24" E., 5804.63 ft. dist.; an iron pipe 1 in. Diam., 11 ins. above ground, firmly set, mkd. and witnessed as described in the official record.</p> <p>Cor. No. 4 of Diamond H No. 3, identical with cor. No. 4 of Yellow Diamond both of Sur. No. 3250, bears N. 68°51' E., 110 ft. dist.</p> <p>No local bearing objects or bearing trees available.</p>
1389.60	<p>Thence S. 68°51' W.</p> <p>Cor. No. 2, identical with cor. No. 3, Sur. No. 3250 Diamond H No. 3 lode, and on line 3-4 Diamond H No. 6 lode.</p> <p>Replaced a rotted 4x4 in. post with an iron pipe 5 ft. long, 2 ins. diam., set in concrete 2 ft. in the ground with iron cap mkd W-2-4629-DH3-3-3250</p> <p>No local bearing objects or bearing trees available.</p>
300.00	<p>Thence N. 22°47' W.</p> <p>Lode line; discovery point bears N. 68°51' E., 1329.60 ft. dist.</p>
596.60	<p>Cor. No. 3, on line 3-4 Diamond H. No. 6 lode.</p> <p>Set an iron pipe 5 ft. long, 2 ins. diam. in concrete 2 ft. in the ground with iron cap, mkd W-3-4629.</p> <p>No local bearing objects or bearing trees available</p>
1389.60	<p>Thence N. 68°51' E.</p> <p>Cor. No. 4, identical with cor. No. 4 Sur. No. 3250, Copper Wedge lode.</p> <p>Replaced a rotted 4x4 in. post with an iron pipe 5 ft. long, 2 ins. diam., set in concrete 2 ft. in the ground with iron cap, mkd W-4-4629-CW-4-3250; from which cor. No. 3, Dato, Sur. No. 3250, bears N. 68°51' E., 110 ft. dist.</p> <p>No local bearing objects or bearing trees available</p>
296.60	<p>Thence S. 22°47' E.</p> <p>Lode line, discovery point bears S. 68°51' W., 60.00 ft. dist.</p>
596.60	<p>Cor. No. 1, and place of beginning.</p>

FEET	AREAS	Acres
	Total area Wedge lode	19.024
	LOCATION	
	This survey is located in the S. E. 1/4 of Section 11 unsurveyed T. 1 N., R. 14 E., G. & S. R. M.	
	This survey of the Wedge lode is identical with the respective location or amended location as marked on the ground. All corners are identical with corners of the location.	
	EXPENDITURES	
	The improvements and the value of the labor and improvements made upon or for the benefit of the lode location embraced in said mining claim by the claimant or its grantors are as follows:	
No. 1	The discovery cut of the Wedge lode, the face of which being the discovery point, is on the lode line 60 ft. from a point on line 4-1, 296.6 feet from cor. No. 4; 6 ft. wide, to 20 ft. wide at face, 7 ft. face; runs N. 24° W. 30 ft. to face and portal of tunnel 4x6 ft. in size, running N. 18° W., 20 ft. to breast Value, \$850.00	
No. 2	A diamond drill hole, the center of which bears N. 78°17' W., 402 ft. from cor. No. 1 Wedge lode; 260.5 ft. deep. Value, \$1,484.85	
No. 3	A diamond drill hole, the center of which bears N. 82°10' W., 599 ft. from cor. No. 1 Wedge lode; 785 ft. deep. Value, \$1,624.50	
No. 4	A diamond drill hole, the center of which bears S. 78°43' W., 605 ft. from cor. No. 1 Wedge lode; 441 ft. deep. Value, \$2,513.70	
No. 5	A diamond drill hole, the center of which bears S. 73°15' W., 411 ft. from cor. No. 1 Wedge lode; 795 ft. deep. Value, \$4,679.00	
No. 6	A diamond drill hole, the center of which bears N. 58°51' E., 353.5 ft. from cor. No. 2 Wedge lode; 749 ft. deep. Value, \$4,393.80	
No. 7	A diamond drill hole, the center of which bears N. 52°42' E., 632 ft. from cor. No. 2 Wedge lode; 249 ft. deep. Value, \$1,419.30	
No. 8	A diamond drill hole, the center of which bears N. 38°19' E., 488 ft. from cor. No. 2 Wedge lode; 240 ft. deep. Value, \$1,410.00	

F
E
E
T

No. 9

A diamond drill hole, the center of which bears N. 29°17' E., 210 ft. from cor. No. 2 Wedge lode; 755 ft. deep.
Value, \$4,431.00

No. 10

A diamond drill hole, the center of which bears S. 63°27' E., 373.5 ft. from cor. No. 3 Wedge lode; 240 ft. deep.
Value, \$1,368.00

No. 11

A diamond drill hole, the center of which bears N. 87°25' E., 735 ft. from cor. No. 3 Wedge lode; 244 ft. deep.
Value, \$1,749.90

No. 12

A diamond drill hole, the center of which bears N. 86°27' E., 535 ft. from cor. No. 3 Wedge lode; 105.5 ft. deep.
Value, \$874.35

No. 13

A diamond drill hole, the center of which bears S. 31°06' W., 313.5 ft. from cor. No. 4 Wedge lode; 296 ft. deep.
Value, \$1,687.00

OTHER IMPROVEMENTS

None.

OTHER CORNER DESCRIPTIONS AND SUPPLEMENTAL DATA

Sur. No. 3250 Dato lode: Cor. 3 is a 4x4 in. pine post firmly set and properly marked, and was found to be N. 68°51' E., 110.00 ft. from cor. No. 4 of the Wedge lode of this survey.

Sur. No. 3250 Copper Wedge lode: Cors. Nos. 3 and 4 were 4x4 in. pine post firmly set and properly marked; replaced these with iron post, 5 ft. long and 2 in. diam., 3 ft. above ground. Line 3-4 was found to be N. 22°47' W., 596.6 ft., instead of N. 22°49' W., 596 ft. as approved.

Sur. No. 3250 Diamond H No. 3 lode: Cors. Nos. 3 and 4 were 4x4 in. pine post firmly set and properly marked. Replaced cor. No. 3 with an iron pipe 5 ft. long, 2 ins. diam., 3 ft. above ground. Line 3-4 was found to be N. 68°51' E., 1499.6 ft. instead of N. 68°51' E., 1498.5 ft. as approved.

Sur. No. 3250 Yellow Diamond lode: Cor. No. 4 is identical with cor. No. 4, Sur. No. 3250 Diamond H No. 3 lode, described above, was found to be N. 68°51' E., 110 ft. from cor. No. 1 Wedge lode of this survey.

Sur. No. 3250 Diamond H No. 6 lode: Cors. Nos. 3 and 4 are 4x4 in. pine post firmly set and properly marked. Line 3-4 was found to be S. 22°47' E., 1500 ft., instead of S. 22°49' E., 1500 ft. as approved.

Field Assistants

Name	Capacity
Thomas E. Smith	Chainman
W. H. Martin	Chainman

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

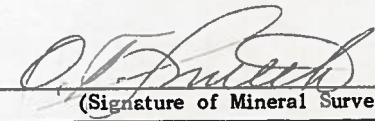
CERTIFICATE OF SURVEYOR

Name of Mineral Surveyor O. T. SMITH	Date Dec. 9, 1965
---	----------------------

I HEREBY CERTIFY That in pursuance of an order received from the Department of The Interior, Bureau of Land Management, at Phoenix, Arizona, dated July 20, 1965, I have carefully executed the survey of the claim of Tennessee Corporation, a Delaware Corporation, known as the (lode, placer, or mill site) Wedge Lode, situated in Sec. 11 UNS Township 1 N., Range 14 E., Gila and Salt River Meridian, in the State of Arizona.

This survey, designated as number 4629, 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.

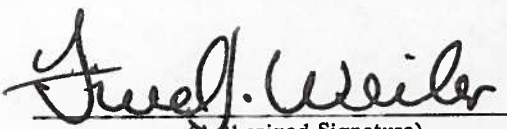
I FURTHER CERTIFY That the labor expended and improvements made upon and for the benefit of the (lode or placer) Wedge Lode location(s) embraced in the said mining claim by claimant(s) or grantors are fully stated in my report. The character, extent, location, and itemized value are specified in full 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.

Globe, Arizona (Location)	 (Signature of Mineral Surveyor)
------------------------------	---

CERTIFICATE OF APPROVAL

Office Arizona State Office Bureau of Land Management Location Phoenix, Arizona Date March 8, 1966

The foregoing field notes of mineral survey number 4629, in Section 11, surveyed unsurveyed, Township 1 N., Range 14 E., Gila and Salt River Meridian, in the State of Arizona, executed by O. T. Smith, Mineral Surveyor, under order dated July 20, 1965, 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. Weiler (Authorized Signature)	State Director (Title)
---	---------------------------

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)
------------------------	---------

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.

DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
CITY OF ALBUQUERQUE, N.M.

Dec. 8, 1933

O. P. SMITH

Interior, Bureau of Land Management
Phoenix, Arizona
July 20
Tennessee Corporation, a Delaware Corporation
Wedge Lodge
Sec. 11 612
July 11, 1933
Phoenix, Arizona

Dear Sir:
The enclosed report contains information regarding the proposed
acquisition of certain lands in the State of Arizona.
The lands are situated in the County of Maricopa, Arizona.
The acquisition of these lands is necessary for the
purpose of establishing a national monument.
The report also contains a map showing the location of the
lands and the proposed monument boundary.

[Handwritten signature]

Phoenix, Arizona

Very truly yours,
Director, Bureau of Land Management
Phoenix, Arizona
Dec. 8, 1933

[Handwritten signature]

