

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FIELD NOTES

Mineral Survey number

4801

State

Arizona

Land District

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

Jerry Glazier & Leon Glazier
P. O. Box 752
Hurricane, Utah 84737

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

CONSISTING OF LOCATIONS NAMED AND LOCATED AS FOLLOWS

NAME OF LOCATION	DATE	
	LOCATED	AMENDED
Vanderbilt #1	7/1/58	
Vanderbilt #3	9/14/58	

Mining district Bentley		County Mohave	
Section 9	Township 33 N.	Range 14 W.	Meridian G & SR.
Survey commenced Nov. 24, 1979		Survey completed Nov. 29, 1979	Survey under order dated Sept. 21, 1979
Name of Mineral Surveyor			William P. Smith

FEET

This survey was made with a Geotec TH-20 theodolite No. 723055, having 90 m m horizontal glass and a vertical glass of 20 seconds of arc; the eyepiece is equipped with colored shade for making direct observations on 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:

November 26, 1979, at Cor. No. 1 of the Vanderbilt #1 lode, in latitude $36^{\circ}16'10''$ N., and longitude $113^{\circ}48'04''$ W., elevation 4,400 ft. above sea level, and temperature 65° F., make a series of eight altitude observations on the sun for azimuth at approximately equal time intervals, four each with the telescope in direct and reversed positions observing opposite limbs of the sun and reading the horizontal angle from Cor. No. 2 westward SW. to the sun.

Mean time of observation 105th
meridian standard time - $2^{\text{h}} 40^{\text{m}}$ p.m.
Declination of sun at mean time
of observation - $20^{\circ}57'31''$ S.
Mean observed vertical angle
to sun's center - $24^{\circ}18'40''$
Mean horizontal angle from
Cor. No. 2 of Vanderbilt #1
lode - $99^{\circ}26'$ W-S
True bearing of line 1-2
Vanderbilt #1 lode - $N. 45^{\circ}25'$ W.

The lines were measured with a Tellurometer CD6 Electro-Optic System of Distance Measurement. The instrument was in good condition at the time of the survey and all adjustments were in good order.

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 15° E.

VANDERBILT #1 LODE

At Cor. No. 1 of the Vanderbilt #1 lode, identical with Cor. No. 2 Vanderbilt #3 lode of this survey.

FEET	
	<p>A steel pipe, 2 ins. diam., 24 ins. above ground, firmly set in a mound of stone; in top of pipe set an aluminum cap, mkd. V1-1 V3-2-4801; from which</p> <p>The $\frac{1}{4}$ cor. of secs. 9 and 16, T. 33 N., R. 14 W., G. and SRM., bears S. $42^{\circ}10'$ E., 1154.7 ft. dist.; monumented with an iron post, firmly set with brass cap properly marked.</p> <p>No local bearing objects or bearing trees available.</p> <p>Thence N. $45^{\circ}25'$ W.</p>
300.0	Point for center line, not monumented; from this point the point of discovery, bears N. $44^{\circ}35'$ E., 750.0 ft. dist., which point of discovery is a shaft.
390.0	A ravine, drains N. 6° E.
600.0	Cor. No. 2.
	<p>A steel pipe, 2 ins. diam., 24 ins. above ground, firmly set in a mound of stone; in top of pipe set an aluminum cap, mkd. V1-2-4801.</p> <p>No local bearing objects or bearing trees available.</p> <p>Thence N. $44^{\circ}35'$ E.</p>
270.0	Ravine, drains N. 7° E.
900.0	Center of road, 10 ft. wide, bears N. 18° W. and S. 18° E.
940.0	Ravine, drains N. $17^{\circ}30'$ W.
1500.0	Cor. No. 3.
	<p>A steel pipe, 2 ins. diam., 24 ins. above ground, firmly set in a mound of stone; in top of pipe set an aluminum cap, mkd. V1-3-4801.</p> <p>No local bearing objects or bearing trees available.</p> <p>Thence S. $45^{\circ}25'$ E.</p>
600.0	Cor. No. 4, identical with Cor. No. 3 Vanderbilt #3 lode of this survey.
	<p>A steel pipe, 2 ins. diam., 24 ins. above ground, firmly set in a mound of stone; in top of pipe set an aluminum cap, mkd. V1-4 V3-3-4801.</p>

FEET	
	<p>No local bearing objects or bearing trees available.</p> <p>Thence S. 44°35' W.</p> <p>Along line 3-2 Vanderbilt #3 lode of this survey.</p>
970.0	Ravine, drains N. 20° W.
1002.0	Center of road, 10 ft. wide, bears N. 20° W.
1320.0	Ridge, bears N. 15° W. and S. 15° E.
1500.0	Cor. No. 1 and place of beginning.
<p>VANDERBILT #3 LODE</p>	
	<p>Beginning at Cor. No. 1 of the Vanderbilt #3 lode.</p> <p>A steel pipe, 2 ins. diam., 24 ins. above ground, firmly set in a mound of stone; in top of pipe set an aluminum cap, mkd. V3-1-4801; from which</p> <p>The ¼ cor. of secs. 9 and 16, T. 33 N., R. 14 W., G. and SRM., bears S. 38°39'30" E., 556.7 ft. dist., previously described.</p> <p>No local bearing objects or bearing trees available.</p> <p>Thence N. 45°25' W.</p>
300.0	Point for center line, not monumented; from this point the point of discovery bears N. 44°35' E., 750.0 ft. dist., which point of discovery is a sub-surface intersection point.
310.0	A ridge, bears N. 15° W. and S. 15° E.
600.0	Cor. No. 2, identical with Cor. No. 1 Vanderbilt #1 lode of this survey.
	<p>Thence N. 44°35' E.</p>
	<p>Along line 1-4 Vanderbilt #1 lode of this survey.</p>
180.0	Ridge, bears N. 15° W. and S. 15° E.
498.0	Center of road, 10 ft. wide, bears N. 20° W. and S. 20° E.
530.0	Ravine, drains N. 20° W.
1500.0	Cor. No. 3, identical with Cor. No. 4 Vanderbilt #1 lode of this survey.

(This form bound on left side)

FEET	
	Thence S. 45°25' E.
310.0	Top of cliff, bears N. 24° E. and S. 24° W.
600.0	Cor. No. 4. A steel pipe, 2 ins. diam., 24 ins. above ground, firmly set in a mound of stone; in top of pipe set an aluminum cap, mkd. V3-4-4801. No local bearing objects or bearing trees available. Thence S. 44°35' W.
400.0	Top of cliff, bears N. 13° W. and S. 13° E.
1135.0	Center of road, 10 ft. wide, bears N. 30° W. and S. 30° E.
1190.0	Ravine, drains N. 24° W.
1500.0	Cor. No. 1 and place of beginning.
	AREAS
	Acres
	Total area, Vanderbilt #1 lode...20.661
	Total area, Vanderbilt #3 lode...20.661
	LOCATION
	This survey is located in the SW $\frac{1}{4}$ and SE $\frac{1}{4}$ sec. 9, T. 33 N., R. 14 W., Gila and Salt River Meridian. The survey of the Vanderbilt #1 and Vanderbilt #3 lodes are identical with the corners of the location or amended location as marked on the ground.
	EXPENDITURES
	The improvements and the value of the labor and improvements made upon or for the benefit of each of the lode loca- tions embraced in said mining claim by the claimant or its grantors are as follows:
No. 1	The discovery shaft of the Vanderbilt #1 lode, the center of which being the discovery point, is on the lode line N. 44°35' E., 750.0 ft. from the center of line 1-2, 10 x 10 ft., 80 ft. deep. Value, \$3200.

FEET	
No. 2	A shaft, the center of which bears S. 23°30' W., 770 ft. from Cor. No. 3 Vanderbilt #1 lode, 10 x 10 ft., 50 ft. deep. Value, \$2000.
No. 3	A shaft, the center of which bears S. 22°45' W., 725 ft. from Cor. No. 3 Vanderbilt #1 lode, 10 x 10 ft., 20 ft. deep. Value, \$800.
No. 4	A shaft, the center of which bears S. 21°15' W., 675 ft. from Cor. No. 3 Vanderbilt #1 lode, 8 x 8 ft., 20 ft. deep. Value, \$800.
No. 5	A tunnel, 5 x 5 ft. in size, the portal of which bears S. 34° W., 775 ft. from Cor. No. 3 Vanderbilt #1 lode, runs N. 81° W., 25 ft., thence N. 20° W., 18 ft. to breast. Value, \$720.
No. 6	A tunnel, 5 x 6 ft. in size, the portal of which bears S. 32°30' W., 793 ft. from Cor. No. 3 Vanderbilt #1 lode, runs N. 70° W., 28 ft., thence N. 20° W. 18 ft. to breast. Value, \$1840.
No. 7	A drill hole, the center of which bears N. 66°47' E., 723 ft. from Cor. No. 2 Vanderbilt #1 lode, 8 ins. diam., 200 ft. deep. Value, \$3000.
No. 8	A drill hole, the center of which bears N. 22°27' E., 728.9 ft. from Cor. No. 1 Vanderbilt #1 lode, 8 ins. diam., 200 ft. deep. Value, \$3000.
No. 9	A drill hole, the center of which bears S. 36°30' W., 758 ft. from Cor. No. 3 Vanderbilt #1 lode, 8 ins. diam., 200 ft. deep. Value, \$3000.
No. 1	The discovery point of the Vanderbilt #3 lode, is on the lode line N. 44°35' E., 750.0 ft. from the center of line 1-2, monumented by a steel pipe in a mound of stone. No value.

FEET

An interest in a common improvement described as follows:

A shaft, the center of which bears S. 30°15' W., 793 ft. from Cor. No. 3 Vanderbilt #1 lode, 10 x 10 ft., 65 ft. deep. At bottom of shaft, a tunnel, 5 x 6 ft. in size, running S. 28° E., 120 ft. to Sta. 1; thence N. 62° E., 35 ft. to Sta. 2; thence N. 40° E., 15 ft. to pt. A and 95 ft. to breast. At pt. A, a drift, 5 x 7 ft. in size, runs S. 65°30' E., 50 ft. to breast.

Value of shaft, tunnel and drift, \$20,000.

Value of one-half interest, \$10,000.

This improvement is in course of construction for the development of the two lodes of this survey which are contiguous lode claims owned in common within the range of benefit of said tunnel and drift.

The surface rises rapidly to the southeast from the shaft and the extension of the present tunnel and drift affords the most practical and economical means of developing each of the stated lodes at depth.

Five hundred dollars or over has been expended in this improvement in such a manner as tends to the development of each lode of this survey subsequent to its location and to the time since which common ownership and contiguity have prevailed; therefore, an undivided one-half interest in its value is hereby credited to each of said lodes.

No portion of or interest in this improvement has been credited heretofore as patented expenditure to any lode claim.

Field Assistants

Name	Capacity
Randall J. Smith	Instrumentman
William G. Smith	Chainman
Booker T. Boyd	Chainman

Form 3860-7
(November 1976)
(formerly 3400-8)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

CERTIFICATE OF SURVEYOR

Name of Mineral Surveyor <p style="text-align: center;">William P. Smith</p>	Date <p style="text-align: center;">Jan. 2, 1980</p>
---	---

I HEREBY CERTIFY That in pursuance of an order received from the Bureau of Land Management Division of Technical Services , at Phoenix, Arizona , dated Sept. 21, , 19 79 , I have carefully executed the survey of the claim of Jerry Glazier & Leon Glazier, P.O. Box 752, Hurricane, Utah 84737 known as the (lode, placer, or mill site) Vanderbilt #1 and Vanderbilt #3 lodes , situated in Mohave County , Township 33 N. , Range 14 W., Gila & Salt River Meridian, in the State of Arizona .

This survey, designated as number 4801 , 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) 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.

<p>Glendale, California (Location)</p>	<p><i>William P. Smith</i> (Signature of Mineral Surveyor)</p>
--	--

CERTIFICATE OF APPROVAL

Office Arizona State Office
Location Phoenix, Arizona
Date August 20, 1980

The foregoing field notes of mineral survey number 4801 , in Section 9 , surveyed unsurveyed Township 33 N. , Range 14 W., Gila and Salt River Meridian, in the State of Arizona , executed by William P. Smith , Mineral Surveyor, under order dated September 21 , 19 79 , 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.

<p><i>Boyd S. Owens</i> (Authorized Signature)</p>	<p>Chief, Branch of Cadastral Survey (Title)</p>
--	--

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.

<p>(Authorized Signature)</p>	<p>(Title)</p>
-------------------------------	----------------

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.

UNITED STATES
DEPARTMENT OF AGRICULTURE
BUREAU OF PLANT INDUSTRY

Washington, D. C.

Division of Horticultural Services
P. O. Box 115
Washington, D. C. 20250

...

...

...

...

...

...

...