

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

MINERAL SURVEY NO. 4410

ARIZONA Land District.

**FIELD NOTES**

Of The Survey Of The Mining Claim Of

Vulture Mining & Milling Company

Known As The

VINDICATOR NO. 1

VULTURE Mining District,

MARICOPA County, ARIZONA

Section 31, Township 6 North, Range 5 West  
" 36 " 6 North " 6 West  
Surveyed under order dated July 18, 1956

by J. William Waara  
Mineral Surveyor.

Claim located January 24, 1931

Survey commenced July 19, 1956

Survey completed August 18, 1956

Address of claimant Vulture Mining & Milling Company  
c/o Snell & Wilmer, Attorneys  
Security Bldg., Phoenix, Arizona

DATES OF AMENDED LOCATIONS

THE UNIVERSITY OF CHICAGO

PHYSICS DEPARTMENT

NOTICE

RESEARCH REPORT

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## SURVEY NO. 4410

## Observations

This survey was made with a Lietz light mountain transit No. 5403 with horizontal limb 5 ins. diam., having two double opposite verniers, and full vertical circle 5 ins. diam., having two double opposite verniers; the horizontal limb verniers read to thirty seconds of arc, and the vertical circle verniers read to one minute of arc; the eyepiece is fitted to receive a clear and colored prismatic eyepiece suitable 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 observations:

August 17, 1956, at a point near Cor. No. 1 of the Vindicator No. 1 lode, in latitude  $33^{\circ}49'$  N., and longitude  $112^{\circ}50'$  W. I made a series of six altitude observations upon 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 feet northward, clockwise to the sun.

Mean time of observation, 105th meridian standard time	= $4^{\text{h}}30^{\text{m}}$ p.m.
Declination of sun at mean time of observation	= $13^{\circ}11'37''$ N.
Mean observed vertical angle to sun's center	= $34^{\circ}09'45''$
Mean horizontal angle from reference point to sun's center	= $252^{\circ}33'30''$
True bearing to reference point	= $N.10^{\circ}25'00''$ E.

The lines were measured with a 500 foot steel tape, graduated every foot. This tape was compared with a 100 foot steel standard 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  $14^{\circ}45'$  E.

## VINDICATOR NO. 1 lode

Feet

At Cor. No. 1 of the Vindicator No. 1 lode, identical with Cor. Nos. 2, 2, and 4, Sur. No. 2511 Conkling, Talmage, and Hamilton lodes.

Set an iron pipe, 3 ft. long,  $3/4$  in. diam., fitted with a floor flange, 18 ins. into the ground and surrounded by a mound of stone, with copper plate mkd. V1-1-4410, C-2-T-2-H-4-2511; from which

The west  $1/4$  sec. cor. of sec. 31, T. 6 N., R. 5 W., bears N.  $3^{\circ}47'$  E., 647.3 ft.

No bearing objects or bearing trees available.

Thence S.  $79^{\circ}32'$  E.

1500.0

Cor. No. 2, identical with Cor. No. 3 Sur. No. 2511 Hamilton lode.

Set an iron pipe, 3 ft. long,  $3/4$  in. diam., fitted with a floor flange, 18 ins. into the ground and surrounded by a mound of stone, with copper plate mkd. V1-2-4410-H-3-2511.

No bearing objects or bearing trees available.

Thence S.  $10^{\circ}25'$  W.

300.0

A mound of stone on lode line; the discovery point bears N.  $79^{\circ}32'$  W., 1180 ft. dist.

600.0

Cor. No. 3.

Gains Feet	
	Set an iron pipe, 3 ft. long, 3/4 in. diam., fitted with a floor flange, 18 ins. into the ground and surrounded by a mound of stone, with copper plate mkd. V 1-3-4410.
	No bearing objects or bearing trees available.
	Thence N. 79°32' W.
1500.0	Cor. No. 4, identical with Cor. No. 3 Sur. No. 2511 Conkling lode.
	Set an iron pipe, 3 ft. long, 3/4 in. diam., fitted with a floor flange, 18 ins. into the ground and surrounded by a mound of stone, with copper plate mkd. V1-4-4410-C-3-2511.
	No bearing objects or bearing trees available.
	Thence N. 10°25' E.
300.0	A mound of stone on lode line; the discovery point bears S. 79°32' E. 320.0 ft. dist.
600.0	Cor. No. 1 and place of beginning.

**AREAS**

Total area Vindicator No. 1 lode

Acres  
20.661

**LOCATION**

This survey is located in SE $\frac{1}{4}$  Sec. 36 and SW $\frac{1}{4}$  Sec. 31, Ts. 6 N., Rs. 5 and 6 W., of the Gila and Salt River Meridian, in the Vulture Mining District, Maricopa County, State of Arizona.

This survey is identical with the location as marked on the ground.

**EXPENDITURES**

The improvements and the value of the labor and improvements made upon or for the benefit of this lode location embraced in said mining claim by the claimant or its grantors are as follows:

- |       |  |
|-------|--|
| No. 1 | The discovery shaft of the Vindicator No. 1 lode, the center of which being the discovery point is on the lode line 320 ft. from its intersection with line 4-1, shaft 4x6x8 ft. deep.<br>Value, \$80.00 |
| No. 2 | A shaft, the center of which bears N. 50°30' E., 430 ft. from Cor. No. 4, shaft 4x6x8 ft. deep.<br>Value, \$80.00  |
| No. 3 | A shaft, the center of which bears S. 45°15' E., 377 ft. from Cor. No. 1, shaft 4x6x10 ft. deep.<br>Value, \$100.00  |
| No. 4 | A shaft, the center of which bears S. 45°15' E., 345 ft. from Cor. No. 1, shaft 4x6x50 ft. deep.<br>Value, \$750.00  |

## SURVEY NO. 4410

Claims  
Feet

- No. 5 A shaft, the center of which bears S. 7°30' W., 190.0 ft. from Cor. No. 1, shaft 4x6x30 ft. deep.  
Value, \$450.00
- No. 6 A shaft, the center of which bears S. 7°30' W., 287 ft. from Cor. No. 1, shaft 4x6x8 ft. deep.  
Value, \$80.00

An interest in a common improvement described as follows:

A shaft, the center of which bears S. 41°30' E., 59 ft. from Cor. No. 5 Sur. No. 4412 Rosa De Oro lode, has been reported in detail as a common improvement which report apportioned 1/55 interest credit as follows:

Value of timbered shaft, tunnels	\$77,550.00
Value of one fifty fifth (1/55) interest	1,410.00

Upon the basis of the Mineral Survey No. 4412 common improvement report, I hereby credit the 1/55th interest allotted to Vindicator No. 1 lode of this survey.

## OTHER IMPROVEMENTS

None

## OTHER CORNER DESCRIPTIONS AND SUPPLEMENTAL DATA

Subdivisional survey corners found in the execution of this survey are standard iron post monuments with brass caps properly marked as reported in the official records.

Corners of this survey are 3/4 inch galvanized iron pipe, 36 inches long, threaded on one end. To the threaded end, a galvanized iron floor flange, 3 1/2 inches in diameter, was attached. A copper plate was attached to the floor flange by the use of bolts. The designation of the corners of the lodes were stamped on the copper plate. The corner assembly thus described was set into the ground 18 inches, or as conditions of the formation permitted.

All discrepancies existing between the calls of the location certificates and the lodes as surveyed are due to errors in the location certificates.

## FIELD ASSISTANTS

Raymond W. White	Chainman
Toney Pace	Chainman

MINERAL SURVEY

Chains		Foot
<p>No. 5</p> <p>A shaft, the center of which bears S. 70° 30' W., 150.0 ft. from Cor. No. 1, shaft block 1, sec. Value, \$150.00</p>	<p>No. 6</p> <p>A shaft, the center of which bears S. 70° 30' W., 287 ft. from Cor. No. 1, shaft block 1, sec. Value, \$80.00</p>	<p>No. 5</p> <p>No. 6</p>
<p>\$77,850.00</p> <p>1,110.00</p>	<p>In interest in a common improvement described as follows:</p> <p>A shaft, the center of which bears S. 11° 30' E., 52 ft. from Cor. No. 2, sec. 11, this shaft block 1, sec. 11, has been reported in detail as a common improvement which report reported interest credit as follows:</p> <p>Value of timbered shaft, tunnels Value of one fifth (1/5) interest</p> <p>Upon the basis of the Mineral Survey No. 1118 common improvement report, I hereby credit the 1/5 interest allocated to indicator No. 1, lode of this survey.</p>	<p>OTHER IMPROVEMENTS</p> <p>None</p> <p>OTHER CORNER DESCRIPTIONS AND SUPPLEMENTAL DATA</p> <p>Substantial survey corners found in the execution of this survey are standard iron post monuments with brass caps properly marked as noted in the official records.</p> <p>Corners of this survey are 3/4 inch galvanized iron pipe, 30 inches long, threaded on one end. To the threaded end, galvanized iron floor flange, 3/4 inches in diameter, was attached. A copper plate was attached to the floor flange by the use of bolts. The designation of the corners of the lodes were stamped on the copper plate. The corner assembly thus described was set into the ground 1 foot deep, or as conditions of the location permit.</p> <p>All close angles existing between the calls of the location certificates and the lodes as surveyed are due to errors in the location certificates.</p>
	<p>OTHER IMPROVEMENTS</p> <p>None</p> <p>OTHER CORNER DESCRIPTIONS AND SUPPLEMENTAL DATA</p> <p>Substantial survey corners found in the execution of this survey are standard iron post monuments with brass caps properly marked as noted in the official records.</p> <p>Corners of this survey are 3/4 inch galvanized iron pipe, 30 inches long, threaded on one end. To the threaded end, galvanized iron floor flange, 3/4 inches in diameter, was attached. A copper plate was attached to the floor flange by the use of bolts. The designation of the corners of the lodes were stamped on the copper plate. The corner assembly thus described was set into the ground 1 foot deep, or as conditions of the location permit.</p> <p>All close angles existing between the calls of the location certificates and the lodes as surveyed are due to errors in the location certificates.</p>	<p>OTHER IMPROVEMENTS</p> <p>None</p> <p>OTHER CORNER DESCRIPTIONS AND SUPPLEMENTAL DATA</p> <p>Substantial survey corners found in the execution of this survey are standard iron post monuments with brass caps properly marked as noted in the official records.</p> <p>Corners of this survey are 3/4 inch galvanized iron pipe, 30 inches long, threaded on one end. To the threaded end, galvanized iron floor flange, 3/4 inches in diameter, was attached. A copper plate was attached to the floor flange by the use of bolts. The designation of the corners of the lodes were stamped on the copper plate. The corner assembly thus described was set into the ground 1 foot deep, or as conditions of the location permit.</p> <p>All close angles existing between the calls of the location certificates and the lodes as surveyed are due to errors in the location certificates.</p>
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UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

CERTIFICATE OF SURVEYOR

October 15, 1956

I, J. WILLIAM WAARA

Mineral Surveyor, hereby certify upon honor that in pursuance of an order received from the \_\_\_\_\_  
Office Cadastral Engineer, at Phoenix Arizona

dated July 18, 1956, I have faithfully and correctly executed the survey of  
the mining claim of Vulture Mining & Milling Company

known as the VINDICATOR NO.1

situate in Sec. 36, T.6 N.R.6 W. and Sec. 31 (Lode, placer, or mill site) (Vulture Mining District)

T. 6 N., R. 5 W., G & S.R. Meridian, ARIZONA, and  
(State)

designated as Survey No. 4410, which is represented in the foregoing field notes as having been  
executed by me and under my direction, and that said survey has been made in strict conformity with said order,  
the Manual of Instructions for the Survey of the Public Lands of the United States, and in the specific manner  
described in the foregoing field notes, and I do further certify that the labor expended and improvements made

upon or for the benefit of the lode location(s) embraced in the said mining claim by  
(Lode or placer)

claimant(s) or its grantors are fully stated in my report therein, and that the character,  
extent, location, and itemized value thereof are specified therein with particularity and full detail, and that 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.

Prescott Arizona  
(Place)

J. William Waara  
(Mineral Surveyor)

CERTIFICATE OF APPROVAL

Survey Office  
(Office)  
Phoenix, Arizona March 5, 1958  
(Place) (Date)

The foregoing field notes of mineral survey No. 4410, in Sec. 36, T. 6 N., R. 6 W.  
and Sec. 31, T. 6 N., R. 5 W., G. & S.R. Meridian,  
Arizona, executed by J. William Waara, Mineral Surveyor,  
(State)

under order dated July 18, 1956, 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.

Everett H. Kimmell  
Everett H. Kimmell  
Office Cadastral Engineer  
(Title)

CERTIFICATE OF TRANSCRIPT

I CERTIFY that the foregoing transcript of field notes of the above described mineral survey No. \_\_\_\_\_  
is a true copy of the original field notes.





UNITED STATES DEPARTMENT OF THE INTERIOR 9605 (956)  
BUREAU OF LAND MANAGEMENT M.S. 4410  
ARIZONA STATE OFFICE

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NOTICE OF CANCELLATION OF MINERAL SURVEY

The VINDICATOR NO. 1 lode, Mineral Survey No. 4410, located in section 31, Township 6 North, Range 5 West, and section 36, Township 6 North, Range 6 West, Gila and Salt River Meridian, Arizona, is hereby canceled.

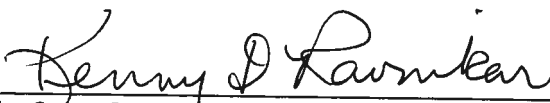
This claim has not been filed with the Arizona State Office, Bureau of Land Management, in accordance with Section 314, 90 STAT. 2769, (43 U.S.C. 1744).

This cancellation was necessitated to clear the record.

The Mineral Survey Plat should be noted as follows:

"VINDICATOR NO. 1 lode, M.S. 4410, was canceled March 25, 2002, by memo 9605 (956) M.S. 4410, which is now a part of the original field notes."

March 25, 2002  
Date

  
\_\_\_\_\_  
Chief Cadastral Surveyor of Arizona

