

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

MINERAL SURVEY NO. 4411

ARIZONA Land District.

FIELD NOTES

Of The Survey Of The Mining Claim Of

Vulture Mining & Milling Company

Known As The

VULTURE SOUTH LODE

VULTURE Mining District,

Maricopa County, Arizona

Section 31, Township 6 North, Range 5 West

Surveyed under order dated July 18, 1956

by J. William Waara
Mineral Surveyor.

Claim located December 30, 1930

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
DEPARTMENT OF CHEMISTRY
5800 S. UNIVERSITY AVENUE
CHICAGO, ILLINOIS 60637

RECEIVED

APR 11 1964

PHYSICAL CHEMISTRY

BY

DR. J. H. GOLDSTEIN

1964

1964

1964

1964

1964

1964

1964

SURVEY NO. 4411

1

Chains

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 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 Vulture South 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.

Feet

VULTURE SOUTH LODGE

At Cor. No. 1 of the Vulture South lode, identical with Cor. Nos. 1 of Sur. No. 2511 Astor, 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. V S-1-4411, A-1, T-1, H-1-2511; from which

The west $1/4$ sec. cor. of sec. 31, T. 6 N., R. 5 W., bears $N.49^{\circ}16' W., 86.6$ ft. dist.

No bearing objects or bearing trees available.

Thence $N.10^{\circ}25'$ E.

300.0 A mound of stone on lode line; the discovery point bears $S.79^{\circ}32'$ E., 990.0 ft. dist.

600.0 Cor. No. 2, identical with Cor. No. 4 Sur. No. 2511 Astor lode, Cor. No. 1 Sur. No. 4412 Vulture North Extension lode and Cor. No. 4 Sur. No. 3146 Vulture Extension 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. A-4-2511, V.N E-1-4412, V E-4-3146, V S-2-4411; from which

Cor. No. 3 Sur. No. 3146 Vulture Extension lode, bears $S.75^{\circ}11'$ E., 1502.0 ft. dist.

No bearing objects or bearing trees available.

1497.3	Thence S. 79°32' E. Intersect line 2-3 Sur. No. 3146 Vulture Extension lode, at a point from which Cor. No. 3 bears S. 10°25' W., 113.1 ft. dist.
1500.0	Cor. No. 3 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 S-3-4411; from which Cor. No. 3 Sur. No. 3146 Vulture Extension lode, bears S. 11°42' W., 112.9 ft. dist. No other bearing objects or bearing trees available.
300.0	Thence S. 10°25' W. A mound of stone on lode line; the discovery point bears N. 79°32' W. 510.0 ft. dist.
600.0	Cor. No. 4, identical with Cor. No. 2 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. V S-4-4411, H 2-2511. No bearing objects or bearing trees available.
1500.0	Thence N. 79°32' W. Cor. No. 1 and place of beginning.

AREAS

	Acres
Total area Vulture South lode	20.661
Area in conflict with Sur. No. 3146, Vulture Extension lode	1.945

LOCATION

This survey is located in the W¹/₂ sec. 31, T. 6 N., R. 5 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 cut of the Vulture South lode, the face of which being the discovery point, is on the lode line 510 feet from its intersection with line 3-4, cut 4x10x10 foot face, bears northerly into shaft 4x6x10 feet deep, shaft being westerly end of cut and tunnel, cut 4x27x10 foot face and tunnel, 4x6x8 feet long. Value, Cut \$100. Shaft 150. Tunnel 80. Cut 225.
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SURVEY NO. 4411

- | Chains | Amount |
|--------|--|
| No. 2 | <p>A trench, the east end of which bears N. 50°05' W., 438 ft. from Cor. No. 4, trench 4x20x6 ft. deep, bears westerly, into tunnel 4x6x12 ft. long and an additional trench 4x17x28 ft. long.</p> <p>Value, Trench \$100.
Tunnel 120.
Trench 300.</p> |
| No. 3 | <p>A trench, the south end of which bears N. 71°15' W., 352 ft. from Cor. No. 4, trench 3x2x150 ft. long, bears northerly.</p> <p>Value, \$200.</p> |
| No. 4 | <p>A trench, the north end of which bears S. 70°25' W., 365 ft. from Cor. No. 3, trench 3x2x216 ft. long, bears southerly.</p> <p>Value, \$250.</p> |
| No. 5 | <p>A shaft, the center of which bears N. 84°30' W., 880 ft. from Cor. No. 3, shaft 4x6x8 ft. deep.</p> <p>Value, \$80.</p> |
| No. 6 | <p>A shaft, the center of which bears S. 65°15' E., 468 ft. from Cor. No. 2, shaft 4x6x50 ft. deep.</p> <p>Value, \$750.</p> |
| No. 7 | <p>A shaft, the center of which bears S. 84°30' W., 850 ft. from Cor. No. 3, shaft 4x6x8 ft. deep.</p> <p>Value, \$80.</p> |

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 1/55th 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 Vulture South 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
Toney Pace

Chainman
Chainman

SURVEY NO. 1111

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Chains	Description	Value
No. 1	A trench, the east end of which bears N. 60° 00' W., 130 ft. from Cor. No. 1, trench 12x20 ft. deep, bears westerly into tunnel 12x12 ft. long and an additional trench 12x12 ft. long.	Trench 300. Tunnel 120. Value 420.
No. 2	A trench, the south end of which bears N. 71° 15' W., 222 ft. from Cor. No. 1, trench 12x15 ft. long, bears northerly.	Value 450.
No. 3	A trench, the north end of which bears S. 70° 25' W., 267 ft. from Cor. No. 2, trench 12x15 ft. long, bears southerly.	Value 420.
No. 4	A shaft, the center of which bears N. 81° 30' W., 280 ft. from Cor. No. 2, shaft 12x12 ft. deep.	Value 480.
No. 5	A shaft, the center of which bears N. 82° 15' E., 408 ft. from Cor. No. 2, shaft 12x12 ft. deep.	Value 450.
No. 6	A shaft, the center of which bears S. 81° 30' W., 280 ft. from Cor. No. 2, shaft 12x12 ft. deep.	Value 480.
<p>An interest in a common improvement described as follows:</p> <p>A shaft, the center of which bears S. 81° 30' E., 29 ft. from Cor. No. 2, No. 112 loss to Ore lode, as been reported in detail as a common improvement which report apportioned 1/5th interest credit as follows:</p> <p>Value of timbered shaft, tunnels \$27,550.00 Value of the fifty ft. (1/5) interest 1,110.00</p> <p>Upon the basis of the Mineral Survey No. 1111 common improvement report, I hereby credit the 1/5th interest allowed to William South lode of this survey.</p> <p>OTHER IMPROVEMENTS None</p> <p>OTHER CORNER DESCRIPTIONS AND SUPPLEMENTAL DATA</p> <p>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.</p> <p>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 3/4 inches in diameter was attached. A copper plate was attached to the floor flange by the use of bolts. The destination 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.</p> <p>All discrepancies existing between the calls of the location certificates and the lodes as surveyed are due to errors in the location certificates.</p>		
<p>FIELD ASSISTANTS</p> <p>Raymond W. White Toney Isaac</p> <p>Chairman Chairman</p>		

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 VULTURE SOUTH LODE
(Lode, placer, or mill site)

situate in Sec. 31. (Vulture Mining District)

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

designated as Survey No. 4411, 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. 4411, in Sec. 31

Arizona, 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. 4411
ARIZONA STATE OFFICE

NOTICE OF CANCELLATION OF MINERAL SURVEY

The VULTURE SOUTH lode, Mineral Survey No. 4411, located in section 31, Township 6 North, Range 5 West, Gila and Salt River Meridian, Arizona, is hereby canceled.

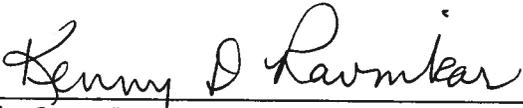
This claim has not been filed with the Arizona State Office, Bureau of Land Management, in accordance with Section 314, 90 STAT. 2769, (43 U.S.C. 1744).

This cancellation was necessitated to clear the record.

The Mineral Survey Plat should be noted as follows:

"VULTURE SOUTH lode, M.S. 4411, was canceled March 25, 2002, by memo 9605 (956) M.S. 4411, which is now a part of the original field notes."

March 25, 2002
Date



Chief Cadastral Surveyor of Arizona

