

MINERAL SURVEY No. 3905

ARIZONA

Land District.

FIELD NOTES

OF THE SURVEY OF THE MINING CLAIM OF

THE ORION GOLD AND COPPER COMPANY

KNOWN AS THE

ACME No. 5 Lode

SAN DOMINGO

Mining District,

MARICOPA

County, ARIZONA

Sections 4 and 5, Township 6 North, Range 3 West

Surveyed under instructions dated July 3rd., 1923.

by Harry E. Jones,

U. S. Mineral Surveyor.

Claim located (See location notice), 19

Survey commenced July 5th., 1923.

Survey completed July 6th., 1923.

Address of claimant's Attys, Schupp & Hill,
208 Heard Bldg. Phoenix, Arizona.

DATES OF AMENDED LOCATIONS.

June 30th. 1925.

Feet	SURVEY NO. 3905
	ACME No.5 Lode
	Beginning at Cor. No. 1
	Identical with the location monument, a 3ft. $\frac{3}{4}$ in. pipe with a brass cap marked U.S.MINERAL SURVEY NO.3905-1-ANo.5; set 18 ins. in ground and surrounded with a substantial mound of earth and rock.
	The $\frac{1}{4}$ corner common to Sections 4 and 5, T. 6 N. R. 3 W. bears N. 67° 19' W. 385.10 ft. No other suitable bearings available.
	Thence S. 46° 56' W.
300.00	To South East End Center, Identical with location monument, a substantial mound of stone.
600.00	To Cor. No. 2 Identical with location monument, a 3ft. $\frac{3}{4}$ in. pipe with a brass cap marked U.S.MINERAL SURVEY NO.3905-2-ANo.5; set 10 ins. in ground and surrounded with a substantial mound of earth and rock. No suitable bearings available.
	Thence N. 43° 04' W.
1335.00	Cross center of 25 ft. wash, course SW.
1500.00	To Cor. No. 3 Identical with location monument, a 3ft. $\frac{3}{4}$ in. pipe with a brass cap marked U.S.MINERAL SURVEY NO.3905-3-ANo.5; set 20 ins. in ground and surrounded with a substantial mound of earth and rock. No suitable bearings available.
	Thence N. 46° 56' E.
15.00	Cross center of road, course E. and W.
300.00	To North West End Center, Identical with location monument, a substantial mound of stone.
450.00	Cross center of 20 ft. wash, course S.
600.00	To Cor. No. 4 Identical with location monument, a 3ft. $\frac{3}{4}$ in. pipe with a brass cap marked U.S.MINERAL SURVEY NO.3905-4-ANo.5; set 20 ins. in ground and surrounded with a substantial mound of earth and rock. No suitable bearings available.

Feet	Thence S. 43° 04' E.
608.00	Cross center of road, course NE. and SW.
670.00	Cross center of 10 ft. wash, course SW.
1500.00	To Cor. No. 1 the place of beginning.

Mean Magnetic variation at all corners is 14°40' E.

Lode Line

As near as can be determined from the present development the vein of the lode embraced in this claim extends as follows from the discovery point:

Acme No. 5 lode, N. 43° 04' W. 1162 ft. and S. 43° 04' E. 338 ft.

Area

Total area Acme No. 5 lode,	20.661 Ac.
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Location

This survey is located in the W $\frac{1}{2}$ of Section 4, and the E $\frac{1}{2}$ of Section 5, T. 6 N. R. 3 W. G. and S. R. B. and M.

Expenditure of Five Hundred Dollars

I certify that the value of the labor and improvements made upon or for the benefit of the location embraced in said mining claim by the claimant or its grantors is not less than Five Hundred Dollars, and that said improvements consist of:

No. 1 Disc. incline shaft 5x7x80 ft. deep, and at 52 ft. depth, drifts running 4x6x30 ft. to SE. and cross cut 4x6x9 ft. to NE. from 22 ft. point; Drifts running 4x6x30 ft. to NW. with cross cut 4x6x9 ft. to SW. from 25 ft. point. bears N. 43° 04' W. 338 ft. from SE. End Cen. Value \$ 3170.00	
No. 2 shaft 4x6x6 ft. deep bears N. 43° 04' W. 318 ft. from SE. End Center. Value \$ 75.00	
No. 3 shaft 4x6x8 ft. deep bears N. 50° W. 160 ft. from SE. End Center. Value \$ 100.00	
No. 4 shaft 4x6x8 ft. deep bears S. 8° 45' E. 496 ft. from NW. End Center. Value \$ 100.00	

Other Improvements

The NE. cor. of frame pumping plant building 14x31 ft. with lean-to 8x10 ft. on W. end bears S. 33°30'E. 520 ft. from the NW. end center, with 2in. pipe line from pump to tank & to trough.
A water trough 6x15 ft. bears S.49°E. 640 ft. from the NW. end center,

A cut bears S.49°E. 700 ft. from the NW. end center.

A water tank 8x8 ft. bears N.27°25'W. 640 ft. from Cor.2.

A powder house cut bears N.10°47'W. 527 ft. from Cor. 2.

A frame engine house 10x12 ft. bears N.6°27'W. 410 ft. from Cor. No. 2.

An ore bin 12x12 ft. bears North 520 ft. from Cor. No. 2.

----- Adjoining claims

This claim is bounded on all sides by public land.

----- Instrument

This survey was made with a W. & L. E. Gurley light mountain transit. The courses were deflected from the true meridian as determined by direct solar observations. The distances were measured with 50 ft. and 660 ft. steel tapes.

----- Report

The lines of this claim were run directly upon the ground and the corners established by measurements along said lines. The tie line was run directly upon the ground. The public land corner to which this survey is tied is a brass capped pipe properly set and marked. The amended location notice of this claim gives the lode line distances incorrectly, which same are herein given correctly.


U. S. Mineral Surveyor.

FINAL OATHS FOR SURVEYS.

LIST OF NAMES.

A list of the names of the individuals employed by Harry E. Jones,
 United States Mineral Surveyor, to assist in running, measuring, and marking the lines, corners, and
 boundaries described in the foregoing field notes of the survey of the mining claim of _____
The Orion Gold & Copper Company
 known as the ACME No. 5 lode
 and showing the respective capacities in which they acted.

_____J. L. Jones_____, *Chainman.*
 _____, *Chainman.*
 _____, *Arman.*
 _____, *Flagman.*

FINAL OATHS OF ASSISTANTS.

We, J. L. Jones,
 and _____, do solemnly swear that we assisted _____
Harry E. Jones, United States Mineral Surveyor, in marking the corners and surveying
 the boundaries of the mining claim of _____
The Orion Gold & Copper Company
 known as the ACME No. 5 lode
 represented in the foregoing field notes as having been surveyed by said mineral surveyor and under his
 direction; and that said survey has been in all respects, to the best of our knowledge and belief, faithfully
 and correctly executed, and the corner and boundary monuments established according to law and the instruc-
 tions furnished by the United States Surveyor-General for Arizona.

J. L. Jones_____, *Chainman.*
 _____, *Chainman.*
 _____, *Arman.*
 _____, *Flagman*

Subscribed and sworn to by the above-named persons before me this 7th

day of July, 19 27

Robert A. Phillip

Notary Public.

My Commission expires

June 23, 1927

4-686.

FINAL OATH OF U. S. MINERAL SURVEYOR.

I, Harry E. Jones, U. S. Mineral Surveyor, do solemnly swear that, in pursuance of instructions received from the United States Surveyor General for Arizona, dated July 3rd, 1923, I have, in strict conformity to the laws of the United States, the official regulations and instructions thereunder, and the instructions of said Surveyor General, faithfully and correctly executed the survey of the Mining Claim of The Orion Gold and Copper Company, known as the ACME No. 5 lode, situate in San Domingo Mining District, Maricopa County, Arizona, in Sections 4 and 5, Township No. 6 N., Range No. 3 E. G&SRB&M, and designated as Survey No. 3905, as represented in the foregoing field notes, which accurately show the boundaries of said mining claim as distinctly marked by monuments on the ground, and described in the attached copy of the location certificate, which was received by me from the Surveyor General with said instructions, and that all the corners of said survey have been established and perpetuated in strict accordance with the law, official regulations and instructions thereunder; and I do further solemnly swear that the foregoing are the true and original field notes of said survey and my report therein, and that the labor expended and improvements made upon said mining claim by claimant or its grantors are as therein fully stated, and that the character, extent, location, and itemized value thereof are specified therein with particularity and full detail, and that no portion of said labor or improvements so credited to this claim has been included in the estimate of expenditures upon any other claim.

Harry E. Jones
U. S. Mineral Surveyor.

Subscribed and sworn to by the said Harry E. Jones
U. S. Mineral Surveyor, before me a notary public in and for the
County of Maricopa State of Arizona this 7th
day of July, 19 23.

Ralph A. Phillip
Notary Public.

5-1044

My commission expires

June 23, 1927
(1927)

U. S. SURVEYOR GENERAL'S FINAL CERTIFICATE ON
FIELD NOTES.

DEPARTMENT OF THE INTERIOR,
OFFICE OF U. S. SURVEYOR GENERAL,

Phoenix, Arizona.

August 13, 1923.

I, U. S. Surveyor General for District of Arizona, do hereby certify that the foregoing transcript of the Field Notes, return and approval of the Survey of the mining claim of The Orion Gold and Copper Company, known as the ACME NO. 5 lode, situate in San Domingo Mining District, Maricopa County, Arizona, in Sections 4 & 5, Township No. 6 N, Range No. 3 W., and designated as Survey No. 3905, has been correctly copied from the originals on file in this office; that said Field Notes furnish such an accurate description of said mining claim as will, if incorporated into a patent, serve fully to identify the premises, and that such reference is made therein to natural objects or permanent monuments as will perpetuate and fix the locus thereof.

And I further certify that five hundred dollars' worth of labor has been expended or improvements made upon said mining claim by claimant or its grantors, and that said improvements consist of 4 shafts, 2 drifts and 2 crosscuts, value \$3445.

and that no portion of said labor or improvements has been included in the estimate of expenditures upon any other claim.

I further certify that the plat thereof, filed in the U. S. Land Office at Phoenix, Arizona, is correct and in conformity with the foregoing Field Notes.

Frank P. Trott

United States Surveyor General for Arizona.

4-687

**SURVEYOR GENERAL'S CERTIFICATE OF APPROVAL OF FIELD NOTES
AND SURVEY OF MINING CLAIM**

**DEPARTMENT OF THE INTERIOR
OFFICE OF U. S. SURVEYOR GENERAL**

.....Phoenix, Arizona.....

.....August 13....., 1923.

I, U. S. Surveyor General forDistrict of Arizona.....

do hereby certify that the foregoing and hereto attached Field Notes and Return of the Survey of the
Mining Claim of

.....The Orion Gold and Copper Company.....

....., known as the

.....ACME NO. 5 lode.....

situate inSan Domingo..... mining district,

.....Maricopa..... County,Arizona.....

in Section 4 & 5....., Township No. 6 N......, Range No. 3 W......

....., designated as Survey No. 3905.....

executed byHarry E. Jones....., U. S. Mineral

Surveyor,July 5 - 6....., 1923, under my instructions dated

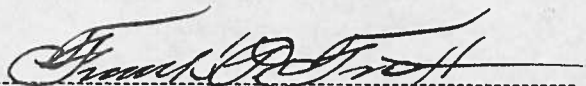
.....July 3....., 1923, have been critically examined and the necessary

corrections and explanations made, and the said Field Notes and Return, and the survey they describe,

are hereby approved. The certified copy of the location certificate filed by the applicant for survey is

on file in this office and a true copy of said certified copy of said location certificate is included and

made a part of the transcript of the field notes.



U. S. Surveyor General forArizona.....