

MINERAL SURVEY No. 4096

6279

ARIZONA Land District.

FIELD NOTES

OF THE SURVEY OF THE MINING CLAIM OF

THEODORE B. JONES,

KNOWN AS THE

CATHERINE Lode

CAVE CREEK Mining District,

MARICOPA County, ARIZONA

Section 4, Township 6 North, Range 4 East

Surveyed under instructions dated March 4th., 1929.

by Harry E. Jones, U. S. Mineral Surveyor.

Claim located See Location Notice, 19

Survey commenced March 8th., 1929.

Survey completed March 9th., 1929.

Address of claimant W. E. SoRelle, Att'y. 504 N. Central Ave. Phoenix, Arizona.

DATES OF AMENDED LOCATIONS.

Feet

MINERAL SURVEY NO. 4096

Catherine Lode

Beginning at Cor. No. 1, a 3½ft. ¾in. pipe with a 2 in. brass cap marked U.S. MINERAL SURVEY NO. 4096-C-1; set 20 ins. in ground and surrounded with a substantial mound of earth and rock, whence the loc. mon. identical with Cor. 2 Columbian Mine lode Sur. No. 2685, and Cor. 4, West Side lode, Sur. No. 2727A, bears S. 53° 55' W. 102.46 ft. Cor. 1 Phoenix Mill Site, Sur. No. 753 bears S. 76° 48' W. 119.30 ft.

The ¼ corner common to Sections 4 and 9, T. 6 N. R. 4 E. G&SRB&M. bears S. 26° 08' W. 522.76 ft. U.S.M.M. No. 1 bears S. 35° 39' E. 1532.08 ft. No other suitable bearings available.

Thence N. 39° 50' W.

968.00 Enter Cave Creek channel, course Northerly and Southerly,  
 1280.00 Leave Cave Creek channel, course Northeasterly and SWly.  
 1359.28 To Cor. No. 2, a 3½ft. ¾in. pipe with a 2in. brass cap marked U.S. MINERAL SURVEY NO. 4096-C-2; set 20ins. in ground and surrounded with a substantial mound of earth and rock, identical with the loc. mon. No suitable bearings available.

Thence N. 53° 55' E.

300.00 To Northwest End Center, a substantial mound of earth and rock, whence the loc. mon. bears N. 18° 32' W. 21 ft.  
 386.00 Enter Cave Creek channel, course NEly. and SWly.  
 600.00 To point for Cor. No. 3 which falls in the main channel of Cave Creek where it is impossible to establish a permanent corner.

A porphyry rock in place in the creek channel 3x2x2 ft. exposed, marked BxR-C-3-4096, bears N. 17° 18' W. 76.32 ft.

A porphyry rock in place in the creek channel 3x5x2 ft. exposed, marked BxR-C-3-4096, bears North 96.20 ft.

The loc. mon. bears N. 31° 15' W. 124 ft.

The Witness Cor to cor. No. 3, a 3½ft. ¾in. pipe with a 2in. brass cap marked U.S. MINERAL SURVEY NO. 4096-WC-3-C; set 18 ins.

Feet

in ground and surrounded with a substantial mound of earth and rock bears S. 39°50'E. 346.10 ft.

No other suitable bearings available.

Thence S. 39° 50'E.  
from true Cor. Pt.

180.00 Leave Cottonwood Wash channel at its confluence with Cave Creek, course NEly. and SWly.

346.10 Intersect Witness Cor. No.3 previously described.

1359.28 To Cor. No. 4, a 3½ft. ¼in. pipe with a 2in. brass cap marked U.S.MINERAL SURVEY NO.4096-C-4; set 18 ins. in ground and surrounded with a substantial mound of earth and rock, whence the loc. mon. bears N.70°15'E. 69 ft.  
On line 2-3 Columbian Mine lode Sur.No.2685, whence Cor. 2 bears S.53°55'W. 702.46 ft.

Thence S. 53° 55' W.

Along line 3-2 Columbian Mine Lode, Sur. No.2685,

300.00 To Southeast End Center, a substantial mound of earth and rock, whence the Loc. mon. bears S.19°45'W. 36 ft.

600.00 To Cor. No. 1 the place of beginning.

The mean magnetic variation at all corners is 14°35' E.

Lode Line

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

S.39°50'E. 60 ft. and N.39°50'W. 1299.28 ft.

Area

Total area Catherine lode, 18.683 Ac.

Location

This survey is located in the E½SW¼ and W½SE¼ of Section 4, T. 6 N., R. 4 E. Gila and Salt River Base and Meridian, Cave Creek Mining District, Maricopa County, Arizona.

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 his grantors, is not less than Five Hundred Dollars, and that said improvements consist of:

No.1 Disc. cut 6x8x6 ft./facing SWly. the mouth of which bears N.39°50'W. 60 ft. from the SE. end center.

Value \$ 100.00

No.2 shaft 6x6.5x27 ft. deep the center of which bears N.22°15'30" E. 265.62 ft. from the Southeast End center.

Value \$ 540.00

No.3 shaft 5x6.5x5 ft. deep, caved, the center of which bears N.6°30'E. 261 ft. from the 817.77 ft. point on line 1-2,

Value \$ 100.00

No.4 shaft 4.5x6x8 ft. deep caved, the center of which bears N.4°20'E. 463 ft. from the 817.77 ft. point on line 1-2,

Value \$ 100.00

Other Improvement

The SW. corner of a frame house 17x21 ft. bears N.30°05'E. 487 ft. from the 817.77 ft. point on line 1-2.

Adjoining Claims

This claim is bounded on the SE. by the Columbian Mine lode, Sur.No.2685, and on the SW. NW. and NE. sides by public domain.

Instrument

This survey was made with a light mountain W. & LE. Gurley transit.

The courses were deflected from a true meridian as determined by direct solar observations.

The distances were measured with a 660 ft. steel tape.

Report

The public land corner to which this survey is tied is a stone properly set and marked.

The corners of the Columbian Mine Sur.No.2685 to which this survey is tied are 4x4 pine posts properly set and marked.

The corner of the Phoenix Mill Site Sur.No.753 to which this survey is tied is a stone properly set and marked.

U. S. M. M. No. 1 to which this survey is tied is a lead plug in a rock in place, as described in the official records.

*Harry Jones*  
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

Theodore B. Jones,

known as the Catherine Lode

and showing the respective capacities in which they acted.

Louis J. Spear, Chainman.

Jas. Shine, Chainman.

Arman.

Flagman.

## FINAL OATHS OF ASSISTANTS.

We, Louis J. Spear,

and Jas. Shine, 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

Theodore B. Jones,

known as the Catherine 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 instructions furnished by the Office Cadastral Engineer, at Phoenix, Arizona.

Louis J. Spear, Chainman.

Jas. Shine, Chainman.

Arman.

Flagman.

Subscribed and sworn to by the above-named persons before me this 13th.

day of March, 1929.

Ralph A. Phillips

Notary Public.

## 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 Office Cadastral Engineer, at Phoenix, Arizona, dated March 4th, 1929, I have, in strict conformity to the laws of the United States, the official regulations and instructions thereunder, and the instructions of said Office Cadastral Engineer, faithfully and correctly executed the survey of the Mining Claim of Theodore B. Jones, known as the Catherine Lode, situate in Cave Creek Mining District, Maricopa County, Arizona, in Section 4, Township No. 6 North, Range No. 4 East and designated as Survey No. 4096, 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 Office Cadastral Engineer with said instructions, and that all 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 his grantors 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 State  
of Arizona, County of Maricopa this 13th.  
day of March, 1929.

*James A. Philip*  
Notary Public.

My commission expires June 23rd. 1931.

OFFICE CADASTRAL ENGINEER'S FINAL CERTIFICATE ON FIELD NOTES

Department of the Interior

PUBLIC SURVEY OFFICE

Phoenix, Arizona,

March 23, 19 29

I, Office Cadastral Engineer, at Phoenix, Arizona,

do hereby certify that the foregoing transcript of the Field Notes, return and approval of the survey of the mining claim of

Theodore B. Jones

known as the CATHERINE lode

situate in Cave Creek

Mining District Maricopa County Arizona

in Section 4, Township No. 6 North, Range No. 4 East, and

designated as Survey No. 4096, 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.

I further certify that Five Hundred Dollars worth of labor has been expended or improvements made upon, or for the benefit of, each location embraced in said mining claim by claimant or his grantors, and that said improvements consist of 3 shafts and 1 cut, total value \$840.

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.

John D. Adams

Office Cadastral Engineer.



CERTIFICATE OF APPROVAL OF FIELD NOTES AND SURVEY OF  
MINING CLAIM

DEPARTMENT OF THE INTERIOR  
PUBLIC SURVEY OFFICE

At Phoenix, Arizona,

March 23, 1929.

I, Office Cadastral Engineer at Phoenix, Arizona,

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

Theodore B. Jones

, known as the

CATHERINE lode

situate in Cave Creek mining district,

Maricopa County, Arizona

in Section 4, Township No. 6 North, Range No. 4 East

, designated as Survey No. 4096

executed by Harry E. Jones, U. S. Mineral

Surveyor, March 8 - 9, 1929, under my instructions dated

March 4, 1929, 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.

  
Office Cadastral Engineer.