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(4-683.)

Mineral Survey No. 1075 A

Lot No. \_\_\_\_\_

Prescott

Land District.

### FIELD NOTES

OF THE SURVEY OF THE MINING CLAIM OF

United Verde Copper Co.

KNOWN AS THE

Iron Line Quarry

Black Hills

Mining District,

Yavapai County, Arizona

Section \_\_\_\_\_, Township 15 N, Range 2 E

Surveyed under instructions dated Oct. 6<sup>th</sup>, 18 92

by J. J. Fisher  
U. S. Deputy Mineral Surveyor.

Claim located February 24<sup>th</sup>, 18 92

Survey commenced Oct. 20<sup>th</sup>, 18 92

Survey completed Oct. 21<sup>st</sup>, 18 92

o 6-160

1-063 b-2500

Address of claimant

H. J. Allen, Agent of The  
United Verde Copper Co

Jerome, Yavapai Co.  
Arizona

# PRELIMINARY OATHS OF ASSISTANTS IN SURVEY OF MINING CLAIM.

We, Geo O Thomas and J F Derrick,  
do solemnly swear that we will well and faithfully execute the duties of chain carriers;  
that we will level the chain upon even and uneven ground and plumb the tally-pins,  
either by sticking or dropping the same; that we will report the true distance to all  
notable objects, and the true length of all lines that we assist in measuring, to the best  
of our skill and ability, and in accordance with instructions given us, in the survey of  
the Mining Claim of United Verde Copper Co  
\_\_\_\_\_, known as the  
Iowa Lime Quarry  
situate in Black Hills mining district,  
Maricopa County, Arizona  
in Section \_\_\_\_\_, Township No. \_\_\_\_\_, Range No. \_\_\_\_\_.

Geo. O Thomas, Chainman.  
J. F. Derrick, Chainman.

Subscribed and sworn to by the above-named persons before  
me this 15 day of October, 1892

W. W. Hull  
Notary Public

I, Geo O Thomas, do solemnly swear that I will well and  
truly perform the duties of axeman, in the establishment of corners and other duties,  
according to instructions given me and to the best of my skill and ability, in the survey  
of the Mining Claim of United Verde Copper Co  
\_\_\_\_\_, known as the  
Iowa Lime Quarry  
more fully described in the preceding affidavit.

Geo. O. Thomas, Axeman.

Subscribed and sworn to by the said Geo O Thomas  
before me this 15<sup>th</sup> day of  
October, 1892

W. W. Hull  
Notary Public

I, J. F. Derrick, do solemnly swear that I will  
well and truly perform the duties of flagman, in the establishment of corners and other  
duties, according to instructions given me and to the best of my skill and ability, in the  
survey of the Mining Claim of United Verde Copper  
Co, known as the  
Iowa Lime Quarry  
more fully described in the preceding affidavit.

J. F. Derrick, Flagman.

Subscribed and sworn to by the said J. F. Derrick  
before me this 15<sup>th</sup> day of  
October, 1892

W. W. Hull  
Notary Public

Survey No 1075 A  
 Low Line Quarry

Beginning at N.E. corner of claim identical with loc. now, where I set a lime stone 5" x 12" x 30" - 18" in ground, surrounded by mound of stones, stone marked I. L. Q No. 1 - 1075 A.

A Juniper 3 ft dia, on which I scribed B. T. I. L. Q No 1 - 1075 A bears S 36° 39' E - 30 ft. 570 ft.  
 U. S. L. M. 1075 A B. H. D. - bears S 56° 04' 4" 5373.8 ft

Thence S 35° 30' E  
 Var. 14° 8' E

- 145 To Canon. Course N.E. & S.W.
- 165 " road " " " "
- 185 " center of Tramway, course S 57° 30' W - 430' to west end
- 225 To Jager Canon Creek Course N.E. & S.W.
- 285 " road to United Verde Smelter Course N.E. & S.W.

- 342 To south side of Canon.
- 590 To corner No 2, Identical with S.E. loc. now, where I set a lime stone 10" x 14" x 30" 1 foot in ground and surrounded by mound of stones. Stone marked I. L. Q No 2 - 1075 A

A cross chiseled on lime stone in place, and marked B. R. I. L. Q No 2 - 1075 A, bears N 12° 55' E - 15.5 ft

A pine 20" diam, flayed and marked B. T. I. L. Q No 2 - 1075 A bears S 38° 4' - 44.2 ft

Thence S 56° 50' W

- 1480 Canon - 64° N.E. Var. 14° 8' E
- 1496 To where I set a lime stone

10" x 12" x 24", 1 foot in ground, sur-  
rounded by mound of stones, stone  
marked J. L. 2 No 3, - 1075 A

Corner is located at edge of canon  
A cherry tree 10" diameter, blazed  
and marked B. J. J. L. 2 No 3 - 1075 A  
bears N 61° 30' W 20 ft.

Orig. Loc. now bears S 7° 15' W - 60 ft

Thence N 35° 30' W  
Var. 14° 8' E

- 100 To center of road, course N E + S. W.
- 290 " Jager Canon Creek, course N. E. + S. W.
- 590 " Cor. No 4 - identical with pre-

now. A granite stone 6" x 10" x 26"  
set 18" in the ground and chiseled  
J. L. 2 No 1075 A and surrounded  
by mound of stones.

A pine 2" diameter, blazed and  
marked B. J. J. L. 2, No 1075 A bears  
N 61° 50' W 91 ft

Thence N 56° 50' W  
Var. 14° 8' E

- 40 To foot of hill and edge of canon.
- 1496 " Cor. No 1075 A. the place of beginning  
containing 20,246+ acres.

### Location

This claim is located in Jager  
Canon Black Hills Mining District  
Yavapai Co. A. T. about 7 miles  
S. H. from United Verde smelter at  
 Jerome, and on unsurveyed land.

Expenditure of Five Hundred Dollars  
I certify that the value of the labor and  
improvements upon this claim placed  
thereon by the claimants and their  
grantors, is not less than five hundred  
dollars, and that said improvements  
consist of.

A tramway about 7 miles in length - to United Verde Smelter, 430 feet of which are on the claim.  
 Estimated cost per foot. \$2.50  
 Value of 430 feet at \$2.50 per ft. \$1075.00  
 Graded wagon road to terminus of tramway, valued \$100.00  
 Plat forms at terminus of tramway valued \$500.00  
 No work done on Quarry.

Instrument

The survey was made with a Gurley Transit with a Burt solar attachment. The courses were deflected from the true meridian as determined by solar observations. The distances were measured with a 100 foot steel chain.

J. J. Fisher  
 U.S. Dept. Min. Surveyor  
 Prescott A.S.  
 Nov. 7<sup>th</sup> 1892

### Affidavit of Five Hundred Dollars Improvements.

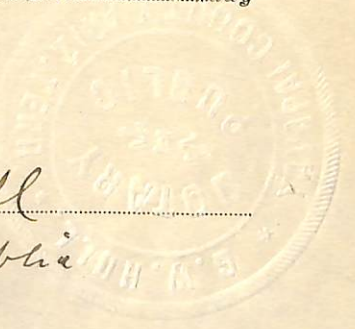
We, Geo. O. Thomas and J. F. Derrick  
of lawful age, being first duly sworn according to law, depose and say: that we are acquainted with the  
Lower Line Quarry mining claim, situated in  
Black Hills Mining District, Yavapai County,  
Arizona Territory, for which United Verde Copper Co. by  
H. J. Allen, its authorized agent  
has made application for survey prior to application for patent under the provisions of the Act of  
Congress, approved May 10, 1872; and that the labor done and improvements made thereon by the  
applicant and his grantor do exceed Five Hundred Dollars in value, and further that we are not  
personally interested in said mine.

J. F. Derrick  
Geo. O. Thomas

TERRITORY OF ARIZONA,  
County of Yavapai } ss.

SWORN to and subscribed before me, this 22<sup>nd</sup> day  
of October 1892

G. W. Hall  
Notary Public



# FINAL OATHS FOR SURVEYS.

## LIST OF NAMES.

A list of the names of the individuals employed by J. J. Fisher  
 United States Deputy 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 United Verde Copper Co.  
 known as the Iowa Lime Quarry  
 and showing the respective capacities in which they acted.

- Geo. O. Thomas ..... , Chainman.
- J. F. Derrick ..... , Chainman.
- Geo. O. Thomas ..... , Axman.
- J. F. Derrick ..... , Flagman.

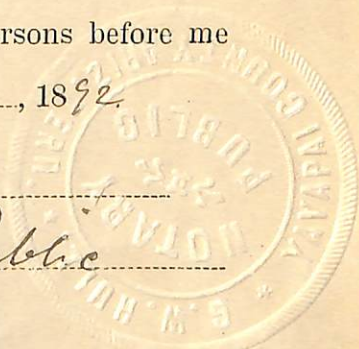
## FINAL OATHS OF ASSISTANTS.

We Geo. O. Thomas  
 and J. F. Derrick ..... , do solemnly swear that we assisted J. J. Fisher  
Fisher ..... , United States Deputy Mineral Surveyor, in marking the corners and  
 surveying the boundaries of the mining claim of United Verde Copper  
Co. ..... , known as the Iowa  
Lime Quarry ..... , represented  
 in the foregoing field notes as having been surveyed by said deputy 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 United States Surveyor-General for  
Arizona .....

- Geo. O. Thomas ..... , Chainman.
- J. F. Derrick ..... , Chainman.
- Geo. O. Thomas ..... , Axman.
- J. F. Derrick ..... , Flagman.

Subscribed and sworn to by the above-named persons before me  
 this 22<sup>nd</sup> day of October ..... , 1892.

G. W. Hall  
 Notary Public





(4-686.)

FINAL OATH OF U. S. DEPUTY MINERAL SURVEYOR.

I, J. J. Fisher, U. S. Deputy Mineral Surveyor, do solemnly swear that, in pursuance of instructions received from the United States Surveyor General for Arizona, dated Oct. 6<sup>th</sup>, 1892, 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 United Verde Copper Co., known as the Lower Lime Quarry, situate in Black Hills Mining District, Yavapai County, Arizona, in Section \_\_\_\_\_, Township No. \_\_\_\_\_, Range No. \_\_\_\_\_, and designated as Survey No. 1075 A, 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.

J. J. Fisher  
 U. S. Deputy Mineral Surveyor.

Subscribed and sworn to by the said J. J. Fisher  
 U. S. Deputy Mineral Surveyor, before me \_\_\_\_\_  
 this 8  
 day of November, 1892.

J. C. Masters  
 Registrar

UNITED STATES LAND OFFICE,  
 PRESCOTT, ARIZ.

(4-686.)

FINAL OATH OF U. S. DEPUTY MINERAL SURVEYOR.

I, J. J. Fisher, U. S. Deputy Mineral Surveyor, do solemnly swear that, in pursuance of instructions received from the United States Surveyor General for Oregon, dated Oct. 6<sup>th</sup>, 1892 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 United Verde Copper Co, known as the Lower Line Quarry, situate in Verde Mining District, Yavapai County, Oregon, in Section \_\_\_\_\_, Township No. \_\_\_\_\_, Range No. \_\_\_\_\_, and designated as Survey No. 1075-A, 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.

The said improvements tend to the development of this claim by facilitating the transportation of the lime rock to the smelter.

J. J. Fisher  
U. S. Deputy Mineral Surveyor.

Subscribed and sworn to by the said J. J. Fisher

U. S. Deputy Mineral Surveyor, before me a notary public in and for Yavapai County Ariz. this the 23<sup>rd</sup> day of February, 1894.

T. G. Norris  
Notary Public



IOWA LIME QUARRY

NOTICE OF LOCATION.

KNOW ALL MEN BY THESE PRESENTS.

That I J. C. Talbot the undersigned have this day located twenty acres of this lime deposit as described in this notice for a lime Quarry.

COMMENCING at this monument and notice and running 600 feet in a southerly direction to monument at S. E. corner; thence at right angles in a westerly direction 1500 feet to monument at S. W. corner; thence at right angles in a northerly direction 600 feet to monument at N. W. corner; thence at right angles in an easterly direction 1500 feet to place of Beginning.

THIS claim is in Yager Canon Black Hills Mining District Yavapai County Arizona Territory, and shall be known as the Iowa Lime Quarry

Dated on the ground Feb. 24th. 1892.

Locator----- J. C. Talbot.

Witness,----- J. W. Taylor, R. H. Taylor

Recorded at request of J. C. Talbot, Mch. 8<sup>th</sup> A. D. 1892. at 9 o'clock A. M. in Book 34 of Mines pages 23-24. Records of Yavapai County Arizona.

By F. A. Tritle Jr.  
Deputy.

( L. S. )

Charles H. Akers.  
County Recorder.

Territory of Arizona,  
County of Yavapai, S. S.

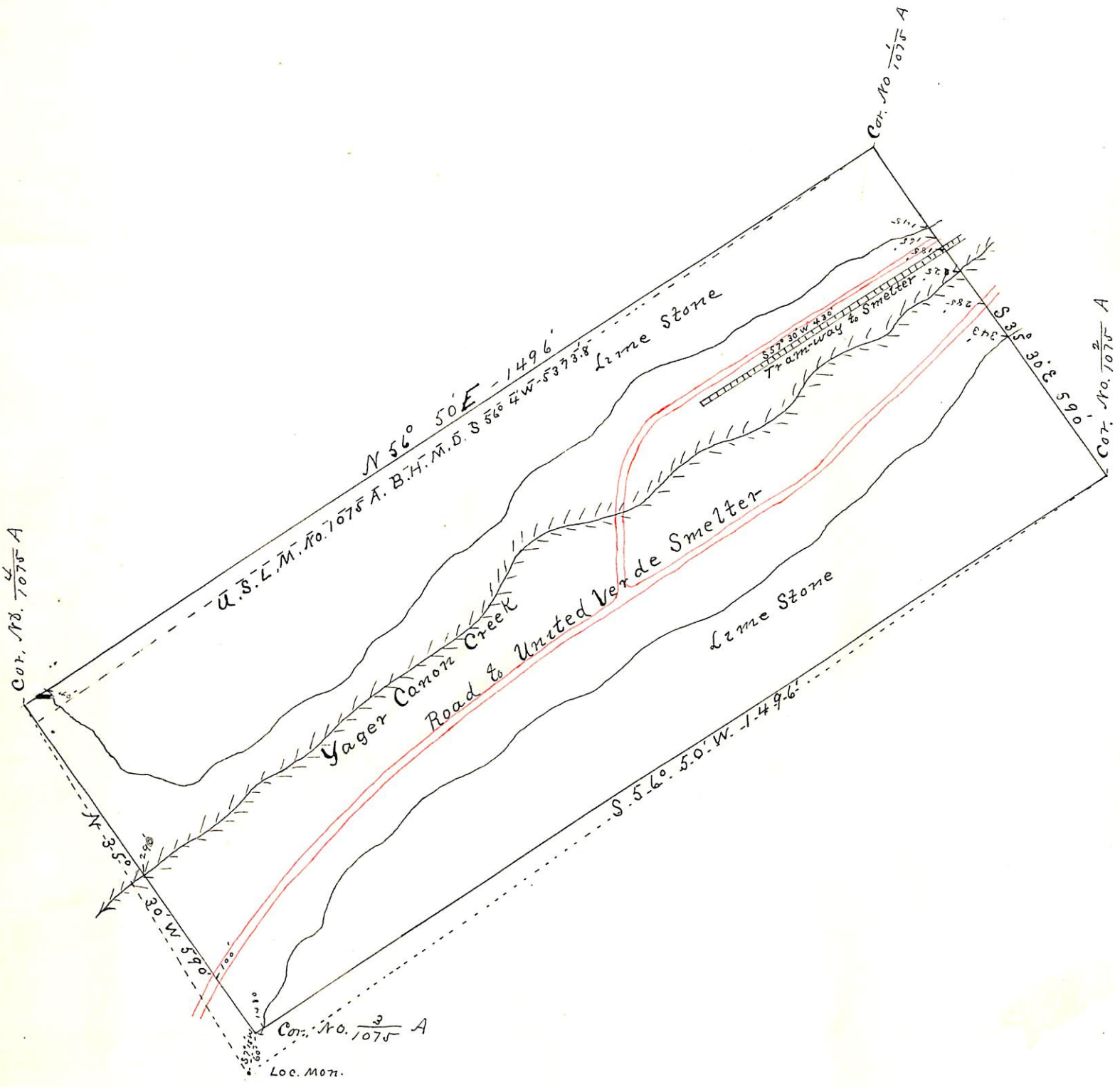
I Charles H. Akers County Recorder in and for said County and Territory, and Custodian of the Records thereof, do hereby certify that I have compared the above and foregoing with, and the same is a full, true and correct copy of Location Notice of the "Iowa Lime Quarry" recorded in Book 34 of Mines, pages 23-24. Records of Yavapai County, Arizona.

In Witness Whereof I have hereunto set my hand and affixed my Official Seal this 12th day of September A. D. 1892.

Charles H. Akers,  
County Recorder.

By F. A. Tritle Jr.  
Deputy.

IOWA LIME QUARRY  
 Survey No. 1075 A  
 Prescott Land District



Surveyed Oct. 20, 21, 1892  
 by J. J. Fisher  
 U S Dep. Min. Surveyor  
 Var. 14° 8' E

(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,

*Meson. Arizona*

*January 6<sup>th</sup>, 1893*

I, U. S. Surveyor General for

*District of Arizona*

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

Survey of the Mining Claim of

*United Verde Copper Company*

, known as the

*"Iowa Lime Quarry"*

situate in

*Verde*

mining district,

*Yavapai*

County,

*Arizona*

in Section

, Township No.

, Range No.

*and*, designated as Survey No. *1075. A*

executed by

*J. J. Fisher*

, U. S. Deputy Mineral

Surveyor,

*Oct 20<sup>th</sup> 21<sup>st</sup>, 1892*

, under my instructions dated

*October 6<sup>th</sup>, 1892*

, 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. A true copy of the copy of the location

certificate filed by the applicant for survey is included in the field notes.

*Rudolf Johnson*  
U. S. Surveyor General for *Arizona*