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(4-683.)

Mineral Survey No. 1295

Lot No. ....

Tucson, Arizona Land District.

FIELD NOTES

OF THE SURVEY OF THE MINING CLAIM OF

The Nicholson Gold Mining Company

KNOWN AS THE

Lyon, Gode,  
Cave Creek Mining District,  
Maricopa County, Arizona

Section     , Township     , Range     

Surveyed under instructions dated May 27<sup>th</sup>, 1898  
by James C. Hobbs  
U. S. Deputy Mineral Surveyor.

Claim located January 1<sup>st</sup>, 1897.

Survey commenced June 3<sup>rd</sup>, 1898.

Survey completed June 5<sup>th</sup>, 1898.

o 6-160

Address of Claimant

Walter Bennett, Atty. in Fact  
For The Nicholson Gold Mining Co.

Phoenix  
Arizona

# PRELIMINARY OATHS OF ASSISTANTS IN SURVEY OF MINING CLAIM.

WE, E. P. Hobart and A. C. Cree,  
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 The Nicholson Gold Mining Company, known as the  
Lyon,  
situate in Cave Creek mining district,  
Maricopa County, Arizona,  
in Section \_\_\_\_\_, Township No. \_\_\_\_\_, Range No. \_\_\_\_\_.

E. P. Hobart, Chainman.  
A. C. Cree, Chainman.

Subscribed and sworn to by the above-named persons before  
me this 3<sup>rd</sup> day of June, 188.

J. C. Hopkins  
Notary Public

I, \_\_\_\_\_, 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 \_\_\_\_\_  
known as the \_\_\_\_\_,  
more fully described in the preceding affidavit.

\_\_\_\_\_, Axeman.

Subscribed and sworn to by the said \_\_\_\_\_  
before me this \_\_\_\_\_ day of \_\_\_\_\_,  
18 \_\_\_\_\_.

I, \_\_\_\_\_, 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 \_\_\_\_\_  
known as the \_\_\_\_\_,  
more fully described in the preceding affidavit.

\_\_\_\_\_, Flagman.

Subscribed and sworn to by the said \_\_\_\_\_  
before me this \_\_\_\_\_ day of \_\_\_\_\_,  
18 \_\_\_\_\_.

Copy.

Phoenix, Ariz., Dec. 12, 1898.

U. S. Surveyor General,  
Tucson, Arizona.

Sir:

As per paragraph 49, page 22, Manual of Instructions for the Survey of the Mineral Lands of the United States, I would say, I have made a thorough examination as to survey 1131 made by me, which is joined by surveys 1294 and 1295, made by J. C. Dobbins, U. S. Dpty. Mineral Surveyor, and I found courses and distances to be correct as reported by J. C. Dobbins.

As to my error in course, I turned my variation in the opposite direction and as a result made an error of twice the correct variation.

Respectfully submitted,

(Signed). Frank Nicholson,

Copy.

Phoenix, Ariz., Dec. 12, 1898.

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U. S. Surveyor General,  
Tucson, Arizona.

Sir:

As per paragraph 49, page 22, Manual of Instructions for the Survey of the Mineral Lands of the United States, I will say that I have made a thorough examination as to the survey 1131 made by Mr. Frank Nicholson, Deputy Mineral Surveyor, which survey is joined by surveys 1294 and 1295 made by me, and on joint investigation made by Mr. Nicholson and myself we find that the courses as reported by me in my report of these surveys, are correct.

Respectfully submitted,

(Signed). J. C. Dobbins,

U. S. Deputy Mineral Surveyor.

Feet.

## THE LYON.

SURVEY NO. 1295.

Beginning at Cor. No. 1 of this survey, the N.E. cor. of claim. Identical with orig. loc.

A pine post 4 ins. square, 4 ft. long, set 18 ins. in ground, with mound of stone 2 ft. in height 2 ft.

base, post scribed 1-1295.  
No bearing objects available.  
From which the U. S. L. M. No. 1131, bears S.  $30^{\circ}48'$  E., 97 feet distant.

Thence S.  $48^{\circ}00'W$ .

Var.  $13^{\circ}40'E$ .

24. To Cor. No. 6, Survey No. 1131.  
250. Draw comes in from the right and bears S.W.  
300.5 To Cor. No. 2 of this survey. Identical with the original location corner.

A pine post 4 ft. long, 4 ins. square, set 18 ins. in the ground, with a mound of stone, 2 ft. base, and 2 ft. high, post scribed 2-1295.

No witness corners or bearing objects available.

Whence,

N.  $82^{\circ}30'E$ ., Cor. No. 1-1131 bears 8  $\frac{1}{2}$  ft. dist. and N.  $60^{\circ}00'W$ ., 36 ft. dist., a tunnel 4 x 6 x 620 ft. on survey No. 1131; and S.  $32^{\circ}30'W$ ., a 23 ft. shaft, and the discovery of the Lyon lode, of this survey.

Thence S.  $48^{\circ}00'W$ .

Var.  $13^{\circ}40'E$ .

400. Draw bears S.W.  
601. To Cor. No. 3, of this survey. Identical with the original location cor.  
A redwood post 4 ft. long, 4 ins. square, set 18 ins. in the ground, with a mound of stone 2 ft. base, and 2 ft. high, post scribed on the N.E. side 3-1295 and on N. side, 2-1131.

This corner is common to the Portmanteau and the

Feet.

2.

Lyon.

No witness corners or bearing objects available.

Thence S.  $38^{\circ}18'E$ .Var.  $13^{\circ}40'E$ .

90. Draw crosses line bearing to the South.
270. Draw crosses line bearing to the S.W.
280. The Lyon wagon road crosses line, bears to the east.
930. Draw bears to the North.
1165. Draw bears North.
1490. Draw bears North.
1500. To Cor. No. 4, of this survey. Identical with the original location corner.
- A pine post 4 ft. long, 4 ins. square, set 18 ins. in the ground, with a mound of stone 2 ft. high, and 2 ft. base. Post scribed 4-1295.
- No witness corners or bearing objects available.
- Thence N.  $48^{\circ}00'E$ .
- Var.  $13^{\circ}40'E$ .
30. Draw bears North.
- 300.5 To Cor. No. 5 of this survey.
- A pine post 4 ins. square, 4 ft. long, set 18 ins. in the ground with a mound of stone 2 ft. high, and 2 ft. base, post scribed 5-1295.
- No witness corners or bearing objects available.
- Cor. identical with the location.
530. Draw bears to the N.
601. To Cor. No. 6, of this survey. Identical with the original location corner.
- A pine post 4 ft. long, 4 ins. square, set 18 ins. in the ground, post scribed 6-1295, with mound of stone 2 ft. base and 2 ft. high.
- No witness corners or bearing objects available.
- Thence N.  $38^{\circ}18'W$ .
- Var.  $13^{\circ}40'E$ .
90. Draw bears North.

Feet. 3.  
 480. Draw bears west.  
 1170. Draw bears South.  
 1500. To Cor. No. 1, the place of beginning.

There are no adjoining claims except the Portmanteau, which is the property of the Nicholson Gold Mining Company.

All draws are without bahks consequently no widths can be given.

#### AREA.

Total area of the Lyon lode,	20.6519 acres.
Less area in conflict with the Portmanteau, Survey No. 1131, (excluded)	<u>.0404 "</u>
Net area of the Lyon lode,	20.6115

#### LOCATION.

The location of the Lyon lode is on the east side of Gold Hill, Cave Creek Mining District, Maricopa County, Arizona Territory, on unsurveyed land, approx. in Tps. 5 or 6 N., Rs. 4 or 5 East.

#### EXPENDITURE OF \$500.

I certify that the value of the improvements upon the Lyon ground, placed thereon by the claimant or its grantors, is not less than \$500. and that the said improvements consist of the following:

No. 1. The discovery shaft of the Lyon, which bears from Cor. No. 2, of this survey, S. 32°30' W., 23 ft. 4 x 6 x 30 ft., well timbered and mineral in place.

Value, \$300.00

No. 2. A water tunnel which bears S. 55°34' E., from Cor. No. 3-1295, 417 ft., 3 x 5 x 20 ft., brs. N.

Value, \$30.00

No. 3. A tunnel which bears S. 55°12' E., 452 ft. from cor. No. 3-1295, 3 x 5 x 30 ft. bears N.

Val. \$90.00

Feet.

## 4.

No. 4. A shaft which bears from Cor. No. 1-1295, S.  $37^{\circ}40'$  E., 336 ft., 4 x 6 x 12 ft., min. in place.

Val. \$84.00

No. 5. A tunnel which bears from Cor. No. 1-1295, S.  $20^{\circ}28'$  E., 687 ft., 4 x 5 x 87 ft., which bears N.  $15^{\circ}30'$  W. in hard rock, without timber.

Val. \$532.00

## OTHER IMPROVEMENTS.

Other improvements intended for the full development of this claim are the workings on the Portmanteau No. 1131, of which the middle tunnel bears from Cor. No. 2 of this survey, N.  $60^{\circ}00'$  W., 36 ft.

The lower tunnel of the Portmanteau is driven in from the N.W. side of Gold Hill at an elevation of 100 ft. lower than the tunnel above referred to and will, when projected, pass under the point of discovery of the Lyon at a depth of 100 ft. It is at present within less than 150 ft. of the end line of the Portmanteau and the Lyon.

A wagon road that was constructed for hauling ore from the middle tunnel, which is the same ledge or vein as the point of discovery. All buildings, shops, etc. are on the Portmanteau ground, Survey No. 1131.

## INSTRUMENT.

This survey was made with a Gurley Engineers' transit. The courses were deflected from the true meridian as determined by direct solar observations. The distances were measured by a 50 and 100, ft. steel chain.

Note.- I would most respectfully call the attention of the Surveyor General to the discrepancy that is shown between survey No. 1131 of the Portmanteau and Survey No. 1295 of the Lyon. I found it necessary to exclude 0.0404 acres of the Portmanteau ground from

Lyon Code #1295.

5.

the Lyon claim so as to enable me to make a straight end line for the Lyon.

I would also respectfully call the attention of the Surveyor General to the difference in the courses of Survey No. 1131, the Portmanteau, and of my survey the Lyon, Survey No. 1295, a difference of  $22^{\circ}09'$  on the end line.

Also as to the difference in distances, as survey No. 1131 of the Portmanteau calls for a full 600 ft. while the chainmen who assisted me only make the full distance from Cor. No. 2-1131 to cor. No. 6-1131 577 ft.

*James C. Robbins.*

Phoenix, A.T.  
June 20, 1898.

U. S. Deputy Min. Surveyor.

# FINAL OATHS FOR SURVEYS.

## LIST OF NAMES.

A list of the names of the individuals employed by James B. Hobbes  
 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 The Nicholson Gold Mining Company  
 known as the Iron  
 and showing the respective capacities in which they acted.

E. P. Hobart ..... , Chairman.  
A. C. Case ..... , Chairman.  
 ..... , Axman.  
 ..... , Flagman.

## FINAL OATHS OF ASSISTANTS.

We, E. P. Hobart  
 and A. C. Case ..... do solemnly swear that we assisted James B. Hobbes  
Hobbes ..... , United States Deputy Mineral Surveyor, in marking the corners and  
 surveying the boundaries of the mining claim of The Nicholson Gold  
Mining Company .....  
 known as the Iron  
 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 .....

E. P. Hobart ..... , Chairman.  
A. C. Case ..... , Chairman.  
 ..... , Axman .  
 ..... , Flagman.

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

this 14<sup>th</sup> day of June , 18 98

J. C. Hobbes  
 Notary Public

(4-686.)

FINAL OATH OF U. S. DEPUTY MINERAL SURVEYOR.

I, James C. Robbins, U. S. Deputy Mineral Surveyor, do solemnly swear that, in pursuance of instructions received from the United States Surveyor General for Territory of Arizona, dated May 27<sup>th</sup>, 1898, 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 Nicholson Gold Mining Company, known as the Lyon, situate in Cave Creek Mining District, Maricopa County, Arizona, in Section \_\_\_\_\_, Township No. \_\_\_\_\_, Range No. Unsurveyed, and designated as Survey No. 1295, 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 their 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.

James C. Robbins  
U. S. Deputy Mineral Surveyor.

Subscribed and sworn to by the said James C. Robbins  
U. S. Deputy Mineral Surveyor, before me a Notary Public  
for Maricopa Co., Arizona this 18<sup>th</sup>  
day of June, 1898.

Jenni Woods  
Notary Public

## Affidavit of Five Hundred Dollars Improvements.

— — — — —

We A. C. Cree and H. B. Griffiths

of lawful age, being first duly sworn according to law, depose and say: that we are acquainted

with the Lyon mining claim, situated in

Cave Creek Mining district, Maricopa County,

Arizona Territory, for which The Nicholson Gold Mining

Company

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 their grantors exceed Five Hundred Dollars in value, and further

that we are not personally interested in said mine.

A. C. Cree

H. B. Griffiths

TERRITORY OF ARIZONA,

County of Maricopa } ss.

SWORN to and subscribed before me, this

11<sup>th</sup> day of June 1898

Jenni Woodson  
Notary Public

Lyon  
Notice of Mining Location.

Quartz Claim.

To all whom it may concern: This mining claim, the name of which is the Lyon Mining Claim, situated on lands belonging to the United States of America, and in which there are valuable mineral deposits, was entered upon and located for the purpose of exploration and purchase by The Nicholson Gold Mining Company, the undersigned, on the first day of January, 1897, the length of the claim is fifteen hundred feet, and width of claim six hundred feet, three hundred feet on each side of the discovery shaft - at which this notice is posted - lengthwise of the claim.

The general course of the lode, deposit and premises is from the Northwest to the Southeast. The claim is situated and located in Leavewick Mining District, in Maricopa County, in the Territory of Arizona, about two miles in an easterly direction from Continental on the Southeast side of Gold Hill. The surface boundaries of the claim are marked upon the ground as follows: Beginning at the initial monument and discovery shaft, which is at the Northwest end center of claim at a point in a Northwest direction, and about ten feet from the discovery shaft, at which this notice is posted, being in the center of the Northwest end line of said claim; thence three hundred feet to a monument of stone, being the Southwest corner of said claim; thence seven hundred and fifty feet to a monument at the center of the South side line of said claim; thence seven

hundred, and fifty feet to a monument of stone, being at the Southeast corner of said claim; thence three hundred feet to a monument of stone, at the center of the Southeast end of said claim; thence three hundred feet to a monument of stone, being the corner of said claim; thence seven hundred and fifty feet to a monument of stone being at the center of the North side line of said claim; thence seven hundred, and fifty feet to a monument of stone at the Northwest corner of said claim; thence three hundred feet to the place of beginning.

All done under the provisions of Chapter Six, of Title XXXII of the Revised Statutes of the United States, and of an Act of the Legislative Assembly of Arizona, entitled "An Act concerning Mines," approved March 20<sup>th</sup>, 1895: Dated and posted on the ground, this first day of January, 1897.

Relocated by  
The Nicholson Gold Mining Company.  
By W<sup>m</sup> R. Brashear, Attorney.

Recorded at request of W<sup>m</sup> R. Brashear, March 11<sup>th</sup>, 1897, at 10<sup>5/4</sup> A.M.

G. W. Sheridan, County Recorder.

TERRITORY OF ARIZONA } ss.  
County of Maricopa.

G. W. SHERIDAN, County Recorder in and for said County, do hereby certify that I have compared the above and foregoing with the same as they appear and correct copy of Notice of Location as the same appears of record in Book 7 of Mines Pages 452 + 3 Records of Maricopa County, Arizona.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal this 21<sup>st</sup> day of May, 1898.

G. W. Sheridan  
County Recorder



(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,

*Tucson, Arizona*

*June 29*, 1898.

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 *The Nicholson Gold*  
*Mining Company*

....., known as the

*Lyon, Mining Claim*

situate in *Cave Creek*..... mining district,

*Maricopa* County, *Arizona*,

in Section ~~unsurveyed~~, Township No. ...., Range No. ....

....., designated as Survey No. *1295*

executed by *James A. Hobbins*, U. S. Deputy Mineral

Surveyor, *June 3-5*, 1898, under my instructions dated

*May 27*, 1898, 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.

*George Christ*

U. S. Surveyor General for *Arizona*

Ernest Manning Adams