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(4-683.)

Mineral Survey No. 1449

Lot No. _____

Gila Land District.

FIELD NOTES

OF THE SURVEY OF THE MINING CLAIM OF

Thomas E. Teegarden

KNOWN AS THE

Lufhook
Amole

Mining District,

Pima County, Arizona

Unsurveyed Section 8 11 & 12, Township 15 South, Range 12 East

Surveyed under instructions dated January 16, 1890

by Philip Contzen
U. S. Deputy Mineral Surveyor.

Claim located January 1st, 1890

Survey commenced February 17th, 1890

Survey completed February 18th, 1890

o 6-160

Address:

Thomas E. Teegarden,

P. O. Box 724,

Tucson, Ariz.

PRELIMINARY OATHS OF ASSISTANTS IN SURVEY OF MINING CLAIM.

WE, Ormond John Hays and Martin Ramsey
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 Thomas E. Teegarden

....., known as the
Lufhook
situate in Amole mining district,
Pima County, Arizona,
in Section, Township No., Range No.

John Ormond Hays, Chainman.
Martin Ramsey, Chainman.

Subscribed and sworn to by the above-named persons before
me this 14 day of February, 1900
my Com. Ex. 3/27/1901
J. W. Purcell
Notary Public

I, Henry Kenhan, 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 Thomas E. Teegarden

known as the Lufhook,
more fully described in the preceding affidavit.

Henry Kenhan, Axeman.

Subscribed and sworn to by the said Henry
Kenhan before me this 14th day of
February, 1900
my Com. Ex. 3/27/1901
J. W. Purcell
Notary Public

I, James Parker, 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 Thomas E. Teegarden

known as the Lufhook,
more fully described in the preceding affidavit.

James Parker, Flagman.

Subscribed and sworn to by the said,
before me this 14th day of
February, 1900
my Com. Ex. 3/27/1901
J. W. Purcell
Notary Public

1.

Feet.

LUFHOOK LODE.

SURVEY NO. 1449.

Beginning at corner No. 1.

A pine post 4 x 4 ins., 4 ft. long, set 2 ft. in ground, with mound of stone, scribed L. No. 1-1449.

Original location cor., mound of stone, bears S. 48° 30' E., 147 ft.

Cor. No. 1, Survey No. 1448, Travis lode, brs. N. 7° 25' E., 1352.6 ft.

Snyder Hill brs. N. 60° W.

Dome Peak, Santa Catalina Mts. brs. N. 30° 31' E.

Corner to secs. 1, 6, 7 & 12, Tp. 15 S., R. 12 & 13 E., brs. N. 62° 49' E., 5664.6 ft.

No other bearings available.

Thence N. 48° 12' W.

Descending.

400. Foot of descent.
440. Wash, 40 ft. wide, course S.W., ascend.
628. Road, brs. N.E. & S.W.
722. Road brs. N.W. & S.E.
744. Roads, N.E. & S.W. (X)
750. Mound of stone 2 1/2 ft. high, 2 ft. base. Identical with north side center monument, of location.
832. Trail brs. N.E. & S.W.
921. Trail brs. N.E. & S.W.
1500. Cor. No. 2.

A pine post 4 x 4 ins., 4 ft. long, set 2 ft. in ground, with mound of stone, scribed L. No. 2-1449.

Original location corner, mound of stone, brs. N. 18° W., 12 ft.

Baboquivari Peak brs. S. 49° 40' W.

Giant Cactus on Gold Hill brs. S. 50 3/4° E.

No other bearings available.

Thence S. 40° 25' W.

Feet.	
	Descending.
300.	West end center mon., mound of stones 3 1/2 ft. base and 2 1/2 ft. high, bears West, 3 1/2 ft.
600.	Cor. No. 3. A pine post 4 x 4 ins., 3 ft. long, set 18 ins. in ground, with mound of stone, scribed L. No. 3-1449. Original loc. mon. brs. N. 48 1/2° W., 6 ft.; post and mound of stone; identical with N.W. Cor. of Sealeg and S.E. Cor. of Sidonus. Baboquivari Peak brs. S. 48° 45' W. Helmet Peak brs. S. 0° 45' E. No other bearings available. Thence S. 48° 12' N.
300.	Road, brs. N.E. & S.W.
507.	Road, brs. N.E. & S.W.
750.	South side line mon. brs. S. 46 1/2° W. 88 ft.
800.	Wash, 30 ft. wide, course S.W.
885.	Road, brs. N.E. & S.W.
900.	Wash, 6 lks. wide, course S.W.
1040.	Road, brs. northerly.
1338.	Road, brs. N.W. & S.E.
1342.	Wash, 6 lks. wide, course S.W. Ascend.
1500.	Cor. No. 4. Identical with location. A pine post 4 x 4 ins., 4 ft. long, set 2 ft. in ground, with mound of stone, scribed L. No. 4-1449. Highest Peak of Snyder Hill brs. N. 57° 25' W. High Peak bears N. 48° 12' W. No other bearings available. Thence N. 40° 25' E.
	Ascending.
300.	East center end mon., post in mound. Identical with location.

Feet.

600. To Cor. No. 1, the place of beginning, survey of exterior boundaries.

 Var. at all corners $12^{\circ} 35'$ E.

Containing 20.426 acres.

Note:- There are a number of location monuments on and around this claim. The same, however, are considered by claimant as old monuments of former locations which are now invalid.

 LOCATION.

This claim is located in Amole Mining District, Pima County, Arizona, partly in secs. 11 & 12, Tp. 15 S., R. 12 E., unsurveyed.

 The ledge extends throughout the center of claim, S. $48^{\circ} 12'$ E., 1500 feet from west center end to east center end mons.

 EXPENDITURE OF FIVE HUNDRED DOLLARS.

I certify that the value of the labor and improvements upon this claim, placed thereon by the claimant or his grantors, is not less than five hundred dollars, and that said improvements consist of-

No. 1. Discovery shaft, 4 x 5 ft., 10 feet deep, which bears S. $78 \frac{1}{2}^{\circ}$ W., 400 feet from a point N. $48^{\circ} 12'$ W., 750 ft. from Cor. No. 1.

Value, \$60.

No. 2. Shaft, 6 x 6 ft., 58 ft. deep, which bears from same point N. $76 \frac{1}{4}^{\circ}$ W., 358 ft.

Value, \$500.

4.

Improvements and developments made by other parties
under former locations.

From a point N. $48^{\circ} 12'$ W., 750 ft. from Cor. No. 1;

A shaft 4 x 4 x 8 ft., N. 86° W., 271 ft.

A shaft 4 x 4 x 6 ft., N. 86° W., 296 ft.

Incline shaft 4 x 8 x 20 ft., S. 88° W., 360 ft.

Shaft 4 x 6 x 60 ft., S. $82 \frac{1}{4}^{\circ}$ W., 484 ft.

Incline shaft 5 x 6 x 90 ft., S. 49° W., 463 ft.

(with steam hoist).

Air shaft 5 x 5 x 70 ft., S. $51 \frac{1}{2}^{\circ}$ W., 458 ft.

Shaft 4 x 6 x 3 ft., N. $86 \frac{1}{4}^{\circ}$ W., 491 ft.

Shaft 5 x 6 x 10 ft., S. $26 \frac{1}{4}^{\circ}$ W., 575 ft.

Shaft 4 x 8 x 8 ft., S. $18 \frac{3}{4}^{\circ}$ W., 569 ft.

N.W. Cor. of Ocotillo house, S. $75 \frac{3}{4}^{\circ}$ E., 195 ft.

From Cor. No. 2;

Shaft 4 x 6 x 48 ft., S. $30 \frac{1}{4}^{\circ}$ W., 322 ft.

Shaft 4 x 4 x 4 ft., S. 35° W., 400 ft.

Cut 11 x $2 \frac{1}{2}$ x 2 ft., S. 13° W., 495 ft.

From mon. at 750 ft. point on south side line;

Old blacksmith shop, 18 x 20 ft., N. 4° E., 190 ft.

INSTRUMENT.

This survey was made with a Young and Sons transit, with solar attachment. The courses were deflected from the true meridian as determined by Solar and Polaris observations. The distances were measured with a 50 foot and 100 foot steel tapes.

The adjoining claims are: Boulevard and Sunup on the south east; Sealeg on southwest; and Sidonus on northwest, T. E. Teegarden, claimant, *all unsurveyed.*

Philip Contzen,

U. S. Deputy Mineral Surveyor.

FINAL OATHS FOR SURVEYS.

LIST OF NAMES.

A list of the names of the individuals employed by Philip Contzen
 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 Thomas E. Teegarden
 known as the Lufhook
 and showing the respective capacities in which they acted.

John Armond Hays, Chairman.
Martin Ranzy, Chairman.
Henry Kenhan, Axman.
James Parker, Flagman.

FINAL OATHS OF ASSISTANTS.

We, John Armond Hays, Martin Ranzy, Henry Kenhan
 and James Parker, do solemnly swear that we assisted Philip
Contzen, United States Deputy Mineral Surveyor, in marking the corners and
 surveying the boundaries of the mining claim of Thomas E. Teegarden
 _____, known as the Lufhook
 _____, 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

John Armond Hays, Chairman.
Martin Ranzy, Chairman.
Henry Kenhan, Axman.
James Parker, Flagman.

By John Armond Hays, Feb. 17, 1900, Martin Ranzy Feb. 21, 1900 James Parker Feb. 21, 1900
 and Henry Kenhan - this 1 day of March, 1890

My Com. 24. 3/27/1901

W. Purcell

 Notary Public

FINAL OATH OF U. S. DEPUTY MINERAL SURVEYOR

I, Philip Contzen, U. S. Deputy Mineral Surveyor, do solemnly swear that, in pursuance of instructions received from the United States Surveyor General for Arizona, dated January 14 1900, 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 Thomas E. Teegarden, known as the Lufhook, situate in Amole Mining District, Pima County, Arizona, in Section 5 11 & 12, Township No. 15 N, Range No. 12 East (unsurveyed) and designated as Survey No. 1449, 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 his 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.

Philip Contzen
U. S. Deputy Mineral Surveyor.

Subscribed and sworn to by the said Philip Contzen
U. S. Deputy Mineral Surveyor, before me Wm Purcell
Notary Public this 25th
day of February 1900
my com. 21. 3/27/1901 Wm Purcell
Notary Public

Affidavit of Five Hundred Dollars Improvements.

we, James Gaff, and John Ormond Hays
of lawful age, being first duly sworn according to law, depose and say: that we are
acquainted with the Lufhook mining claim, situate
in Amole Mining district, Pima County,
Arizona Territory, for which Thomas E. Teegarden

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 improve-
ments made thereon by the applicant and grantor exceed Five Hundred
Dollars in value, and further that we are not personally interested in said mine.

James Gaff
John Ormond Hays

TERRITORY OF ARIZONA,
County of Pima } ss:

Sworn to and subscribed before me, this 23
my com. 34. 3/27/1901 day of February, 18900

W. Purcell
notary Public

Notice of Mining Location.

QUARTZ CLAIM.

To All Whom it May Concern:

This mining claim, the name of which is the Lufhook,
Mining Claim, situate on lands belonging to the United States of America, and which there are valuable mineral deposits, was entered upon and located for the purpose of exploration and purchase by
Thomas, E., Teegarden,
the undersigned, on the First day of January, 1900.

The length of this claim is Fifteen hundred, feet
and 1 claim One, thousand, feet
in a South Easterly direction and Five hundred,
feet in a North Westerly, direction from
the center of the discovery shaft, at which this notice is posted, lengthwise of the claim, together with
Three hundred feet in width of the surface grounds, on each side of the center of said
claim. The general course of the lode deposit and premises is from the South Easterly,
to the North Westerly,

The claim is situated and located in the Amole, Mining District, in
Pima, County, in the Territory of Arizona, The discovery shaft being
about 1500, feet

in a Westerly, direction from the apex of Gold Mountain, &
about 10500 feet slightly south of west of Bee Hive Mountain, and
when the surveys of the vacant lands of the U.S. are completed this
claim will lie partlain the N.E. 1/4 sec 11 and partly in the S.E. 1/4
sec. 11, and partly in the N.W. 1/4, sec. 12, and partly in the S.W.
1/4 sec. 12; Tp. 15, S. R. 12, E. 31a and Salt River Meridian,

The surface boundaries of the claim are marked upon the ground as
follows: Beginning at a monument of stones and stake
at a point in a North Westerly direction 500, feet from
the discovery shaft (at which this notice is posted), being in the center of the North Westerly
end line of said claim; thence North Easterly 300, feet to a monument of stones
and post, being the North West, corner of said claim; thence
South Easterly 750, feet to a monument of stones and post at the center of
the North Easterly side line of said claim; thence South Easterly 750,
feet to a mon. of stone & post, being at the North East corner of said
claim; thence South Westerly 500 feet to a monument of stone & post,
at the center of the South Easterly end of said claim; thence South Westerly 300,
feet to a mon. of stone & post, being at the South East
corner of said claim; thence North Westerly 750, feet to a mon. of stone & post
being at the center of the South Westerly, side line of said claim;
thence North Westerly 750, feet to a monument of stone & post,
at the South West corner of said claim; thence North Easterly 300,
feet to place of beginning. The whole of the above described mining claim is
located on abandoned property,

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 General Assembly of Arizona, entitled "An Act Concerning Mines," approved March 20th, 1895. also under the ~~xxx~~ provisions of an Act of the General Assembly of Arizona, entitled An Act Concerning Mines,

Dated and posted on the ground this 1 day of January, 1900.
approved March 2, 1899.

Thomas E. Teegarden,

Territory of Arizona, }
County of Pima. } ss.

*Filed & Recorded at request of Thomas E. Teegarden, January 17, 1900, at 11 o'clock a.m. in Book "G-G" Record of Mines, page 637
Chas. A. Shibell
County Recorder*

I, Chas. A. Shibell, County Recorder in and for the County
of Pima, Territory of Arizona, do hereby certify that the foregoing
and annexed is a true and correct copy of the Lufhook Mining Claim

Dated January First 1900. filed and recorded as appears
now of record in my office, in Book No. G,G, Record of Mines page 637

IN WITNESS WHEREOF, I have hereunto set my hand and
affixed my official seal at Tucson, this 12th,
day of January, 1900.

Chas. A. Shibell
County Recorder.



An Act Concerning Mines.

Be it Enacted by the Legislative Assembly of the Territory of Arizona:

SECTION 1. Every notice of location of a mining claim shall contain: First the name of the claim located; second, the name of the locator; third, the date of location; fourth, the number of feet in length of said claim and the number of feet claimed on each side of the center of the discovery shaft, lengthwise of the claim; fifth, the general course of the lode deposit or premises located; sixth, the locality of the claim with reference to some natural object or permanent monument, as will identify the claim.

SECTION 2. All mining locations hereafter located, the certificate of location of which shall not contain: First the name of the lode or premises; second, the name of the locator or locators; third, the date of location; fourth, the number of feet in length of said claim and the number of feet claimed on each side of the center of the discovery shaft, lengthwise of the claim; fifth, the general course of the lode or premises, as may be; sixth, the locality of the claim with reference to some natural object, or permanent monument, as will identify the claim, shall be void.

SECTION 3. Before filing such location certificate with the county Recorder of the proper County, the discoverer shall locate his claim by: First, sinking a discovery shaft upon the premises so claimed, to a depth of at least ten feet from the lowest part of the rim of such shaft at the surface and deeper if necessary, until there is shown by such work a lode deposit of mineral in place; second, by posting at the point of discovery, on the surface, a plain sign or notice substantially conforming to the location certificate; third, by marking such claim or premises on the ground so that its boundaries can be readily traced.

SECTION 4. Such surface boundaries shall be marked by **Eight substantial Posts projecting at least Three Feet Above the Surface of the Ground**, or by substantial **Stone Monuments at least Three Feet High**, to-wit: One at each corner of said claim, and one at the center of each end and side line thereof.

SECTION 5. Any open-cut cross-cut, adit or tunnel which shall be made as above provided for, as a part of the location of a mining claim and which shall be equal in amount of work to a shaft ten feet deep and four feet wide by six feet long, which shall cut a lode or mineral in place at the depth of ten feet from the surface, shall be equivalent, as a discovery work, to a shaft sunk from the surface.

SECTION 6. The discoverer shall have ninety days from the date of discovering the lode and the posting of the notice thereon, to perform said discovery work thereon.

SECTION 7. If at any time the locator of any mining claim heretofore or hereafter located, or his assigns, shall learn that his original certificate was defective, or that the requirements of the law had not been complied with before filing, or shall be desirous of changing his surface boundaries, or of taking in any additional ground which is subjected to location, or in case the original certificate was made prior to the passage of this law, and he shall be desirous of securing the benefits of this Act, such locator or his assigns, may file an amended certificate of location subject to the provisions of this Act, regarding the making of new locations.

SECTION 8. The amount of assessment, or representation, work or improvements to be done or made during each year, after the completion of the location as heretofore provided, and the time for doing the same, shall be as provided by the laws of the United States.

SECTION 9. Within three months after the expiration of the period of time fixed for the performance of annual labor or the making of improvements upon any mining claims or premises, the person on whose behalf such work or improvement was made, or some person from him knowing the facts, may make and record in the office of the County recorder of the county wherein such claim is situated an affidavit in substance as follows:

TERRITORY OF ARIZONA, } ss.
 County of being duly sworn deposes and says, that he is a citizen of the United States, and more than 21 years of age, and resides at County, Arizona Territory, and is personally acquainted with the mining claim and premises located and known as mining claim or lode, situated in Arizona Territory, the notice of location of which premises is recorded in the office of the County Recorder of said county, in Book of Records of Mines, at page; that between the day of A. D. 189... and the 189... day of A. D. 189... at least dollars worth of work and improvements were done and performed upon said premises or lode, not including the location work of said claim. Such work and improvements were made by and at the expense of owners of said premises for the purpose of complying with the law of the United States pertaining to assessments or annual work, and (here name the miners or men who worked upon the claim in doing the work) were the men employed by said owner and who labored on said premises and who did said work and improvements, and said work so done upon said premises is described as follows, to-wit: (Here describe the work done).
 (Signature) _____

Subscribed and sworn to before me, this day of 189...

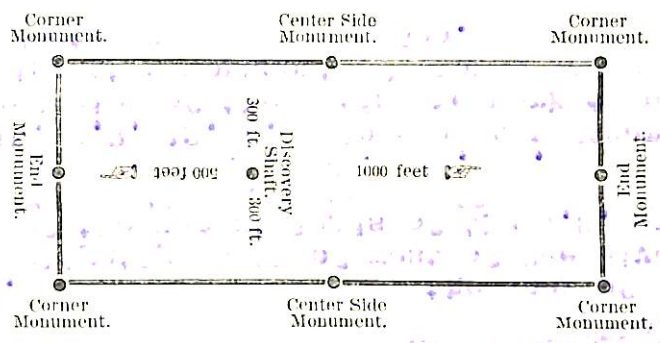
Notary Public.

[SEAL] SECTION 10. Such affidavit when so recorded shall be prima facie evidence of the performance of such labor or the making of such improvements, and said original affidavit after it has been recorded, or a certified copy of record of same, shall be received as evidence accordingly by all the Courts of this Territory.

SECTION 11. The relocation of forfeited or abandoned lode claims shall only be made by sinking a new discovery shaft and fixing new boundaries in the same manner and in the same extent as is required in making a new location; or the locator may sink the original discovery shaft ten feet deeper than it was at date of commencement of such relocation, and shall erect new or make the old monuments the same as originally required. In either case a new location monument shall be erected, and the location certificate shall state if the whole or any part of the new location is located as abandoned property.

SECTION 12. This Act shall take effect and be in force from and after July 1st, 1895.

SECTION 13. All Acts and parts of Acts in conflict with this Act are hereby repealed.



The above diagram is to give the locator a general idea of plan of location under the new law. Your discovery shaft can be in the center of claim or any distance from either end you desire. In the diagram we have placed it 500 feet from one end and 1000 feet from the other. In description be careful to state locality of claim with reference to some natural object, or permanent monument, as will identify the claim.

TERRITORY OF ARIZONA, } ss.
 County of

..... County Recorder in and for the County and Territory aforesaid, do hereby certify that the within instrument was filed for record at o'clock, M., on this day of 189..., and duly recorded in Book No. of Records of County, Arizona, at pages

WITNESS my hand and official seal the day and year first above written.

County Recorder.

Certified Copy of

Notice of Location.

QUARTZ CLAIM.

Lynchbrook

Dated, 189...

Filed and Recorded at request of

A. D. 189...

at M.

Book

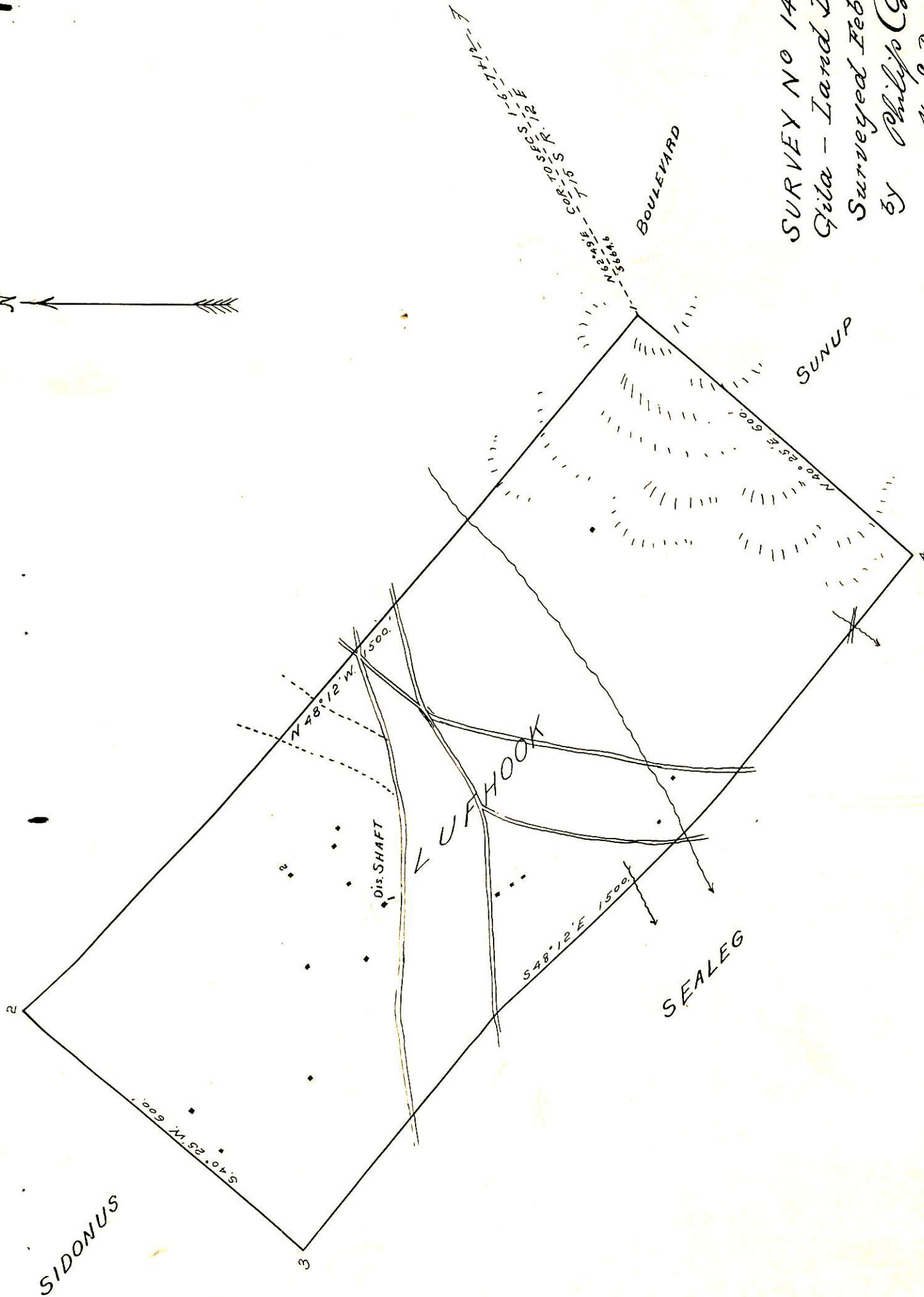
Pages

County Recorder.

Deputy Recorder.

Printed and for Sale by the Star Publishing Company.

SURVEY NO 1449
Gila - Land District
Surveyed Feb. 1901
by Philip Canton
U. S. Dep. Min. Sur.



SIDONUS

SEALEG

VUFHOOK

SUNUP

BOULEVARD

Dis. SHAFT

S 48° 12' E 1500.

N 48° 12' W 1500.

N 48° 25' E 600.

COR. TO SECS. 1-6, 7, 12 - E
COR. TO S. 5 - R. 15 - T. 12 - 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,

Phoenix, Arizona

July 7th, 1902

I, U. S. Surveyor General for *the District of Arizona*,

do hereby certify that the foregoing and hereto attached Field Notes and Return of the Survey of the Mining Claim of *Thomas E. Tugarden*

....., known as the *Lufhook*,

situate in *Amole* mining district,

Pima County, *Arizona*

in Section, Township No., Range No.

....., designated as Survey No. *1449*

executed by *Philip Conzger*, U. S. Deputy Mineral

Surveyor, *Feb 17th 18th*, 1900, under my instructions dated

Jan 16th, 1900., 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.

Mugh L. H. Price

U. S. Surveyor General for *Arizona*

Department of the Interior.
OFFICE OF U. S. SURVEYOR GENERAL.
Phoenix, ~~Arizona~~, ARIZONA.

OFFICIAL BUSINESS.

Penalty for private use, \$300



~~Philadelphia~~

Mr Thomas E. Teegarden

~~Penn.~~

~~P. O. Box #724~~

~~Tucson, Arizona~~

~~Hotel
Walton~~

PHILADELPHIA
AUG 11 8 10 AM
RECEIVED

PHILADELPHIA
AUG 11 5 AM
RECEIVED

PHILADELPHIA
AUG 11 30 AM
RECEIVED

PHILADELPHIA
AUG 11
4-PM
19 02
PA.

Postmark lines with a small number '3' in the center.

(4-683.)

Mineral Survey No. 1449

Lot No. _____

Gila Land District.

FIELD NOTES

OF THE SURVEY OF THE MINING CLAIM OF

Thomas E. Ferguson,

KNOWN AS THE

Lufhook.Amole Mining District,Pima County, ArizonaSection 14-12, Township 15 South, Range 12 East (unsurveyed)Surveyed under instructions dated January 16th, 1900,by Philip Conzen
U. S. Deputy Mineral SurveyorClaim located January 1st, 1900.Survey commenced February 17th, 1900.Survey completed February 18th, 1900.

o 6-101

Address:

Thomas E. FergusonP.O. Box 724,Tucson, Ariz.

PRELIMINARY OATHS OF ASSISTANTS IN SURVEY OF MINING CLAIM.

We, John Amand Hays and Martin Ranzy,
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 Thomas E. Tugarden
....., known as the
Lufhook
situate in Amole mining district,
Pima County, Arizona
in Section, Township No., Range No.

John Amand Hays....., Chainman.
Martin Ranzy....., Chainman.



Subscribed and sworn to by the above-named persons before
me this 14 day of February, 1900.
my commission expires 3/27/1901.
S. W. Purcell
Notary Public.

I, Henry Kenhan....., 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 Thomas E. Tugarden
.....
known as the Lufhook
more fully described in the preceding affidavit.

Henry Kenhan....., Axeman.



Subscribed and sworn to by the said Henry Kenhan
before me this 14 day of
February, 1900.
S. W. Purcell
my commission expires 3/27/1901. Notary Public.

I, James Parker....., do solemnly swear that I will
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survey of the Mining Claim of Thomas E. Tugarden
.....
known as the Lufhook
more fully described in the preceding affidavit.

James Parker....., Flagman.



Subscribed and sworn to by the said
before me this 14 day of
Feb., 1900.
S. W. Purcell
Notary Public.

my commission expires 3/27/1901.

1.

Feet.

LUFHOOK LODE.

SURVEY NO. 1449.

Beginning at corner No. 1.

A pine post 4 x 4 ins., 4 ft. long, set 2 ft. in ground, with mound of stone, scribed L. No. 1-1449.

Original location cor., mound of stone, bears S. 48° 30' E., 147 ft.

Cor. No. 1, Survey No. 1448, Travis lode, brs. N. 7° 25' E., 1352.6 ft.

Snyder Hill brs. N. 60° W.

Dome Peak, Santa Catalina Mts. brs. N. 30° 31' E.

Corner to secs. 1, 6, 7 & 12, Tp. 15 S., R. 12 & 13 E., brs. N. 62° 49' E., 5664.6 ft.

No other bearings available.

Thence N. 48° 12' W.

Descending.

- 400 Foot of descent.
440. Wash, 40 ft. wide, course S.W., ascend.
628. Road, brs. N.E. & S.W.
722. Road brs. N.W. & S.E.
744. Roads, N.E. & S.W. (X)
750. Mound of stone 2 1/2 ft. high, 2 ft. base. Identical with north side center monument, of location.
832. Trail brs. N.E. & S.W.
921. Trail brs. N.E. & S.W.
1500. Cor. No. 2.

A pine post 4 x 4 ins., 4 ft. long, set 2 ft. in ground, with mound of stone, scribed L. No. 2-1449.

Original location corner, mound of stone, brs. N. 18° W., 13 ft.

Baboquivari Peak brs. S. 49° 40' W.

Giant Cactus on Gold Hill brs. S. 50 3/4° E.

No other bearings available.

Thence S. 40° 25' W.

Feet.

Descending.

300. West end center mon., mound of stones 3 1/2 ft. base and 2 1/2 ft. high, bears West, 3 1/2 ft.

600. Cor. No. 3.

A pine post 4 x 4 ins., 3 ft. long, set 18 ins. in ground, with mound of stone, scribed L. No. 3-1449.

Original loc. mon. brs. N. 48 1/2° W., 6 ft.; post and mound of stone; identical with N.W. Cor. of Sealeg and S.E. Cor. of Sidonus.

Baboquivari Peak brs. S. 48° 45' W.

Helmet Peak brs. S. 0° 45' E.

No other bearings available.

Thence S. 48° 12' E.

300. Road, brs. N.E. & S.W.

507. Road, brs. N.E. & S.W.

750. South side line mon. brs. S. 46 1/2° W. 83 ft.

800. Wash, 30 ft. wide, course S.W.

885. Road, brs. N.E. & S.W.

900. Wash, 6 lks. wide, course S.W.

1040. Road, brs. northerly.

1338. Road, brs. N.W. & S.E.

1342. Wash, 6 lks. wide, course S.W. Ascend.

1500. Cor. No. 4. Identical with location.

A pine post 4 x 4 ins., 4 ft. long, set 2 ft. in ground, with mound of stone, scribed L. No. 4-1449.

Highest Peak of Snyder Hill brs. N. 57° 25' W.

High Peak bears N. 48° 12' W.

No other bearings available.

Thence N. 40° 25' E.

Ascending.

300. East center end mon., post in mound. Identical with location.

Feet.

600. To Cor. No. 1, the place of beginning, survey of exterior boundaries.

 Var. at all corners $12^{\circ} 35'$ E.

Containing 20.426 acres.

Note:- There are a number of location monuments on and around this claim. The same, however, are considered by claimant as old monuments of former locations which are now invalid.

 LOCATION.

This claim is located in Amole Mining District, Pima County, Arizona, partly in secs. 11 & 12, Tp. 15 S., R. 12 E., unsurveyed.

 The ledge extends throughout the center of claim, S. $48^{\circ} 12'$ E., 1500 feet from west center end to east cent end mons.

 EXPENDITURE OF FIVE HUNDRED DOLLARS.

I certify that the value of the labor and improvements upon this claim, placed thereon by the claimant or his grantors, is not less than five hundred dollars, and that said improvements consist of-

No. 1. Discovery shaft, 4 x 5 ft., 10 feet deep, which bears S. $78 \frac{1}{2}^{\circ}$ W., 400 feet from a point N. $48^{\circ} 12'$ W., 750 ft. from Cor. No. 1.

Value, \$60.

No. 2. Shaft, 6 x 6 ft., 58 ft. deep, which brs. from same point N. $76 \frac{1}{4}^{\circ}$ W., 358 ft.

Value, \$500.

4.

Improvements and developments made by other parties
under former locations.

From a point N. $48^{\circ} 12'$ W., 750 ft. from Cor. No. 1;

A shaft 4 x 4 x 8 ft., N. 86° W., 271 ft.

A shaft 4 x 4 x 6 ft., N. 86° W., 296 ft.

Incline shaft 4 x 8 x 20 ft., S. 88° W., 360 ft.

Shaft 4 x 6 x 60 ft., S. $82 \frac{1}{4}^{\circ}$ W., 484 ft.

Incline shaft 5 x 6 x 90 ft., S. 49° W., 463 ft.

(with steam hoist).

Air shaft 5 x 5 x 70 ft., S. $51 \frac{1}{2}^{\circ}$ W., 458 ft.

Shaft 4 x 6 x 3 ft., N. $86 \frac{1}{4}^{\circ}$ W., 491 ft.

Shaft 5 x 6 x 10 ft., S. $26 \frac{1}{4}^{\circ}$ W., 575 ft.

Shaft 4 x 8 x 8 ft., S. $18 \frac{3}{4}^{\circ}$ W., 569 ft.

N.W. Cor. of Ocotillo house, S. $75 \frac{3}{4}^{\circ}$ E., 195 ft.

From Cor. No. 2;

Shaft 4 x 6 x 48 ft., S. $30 \frac{1}{4}^{\circ}$ W., 322 ft.

Shaft 4 x 4 x 4 ft., S. 35° W., 400 ft.

Cut 11 x $2 \frac{1}{2}$ x 2 ft., S. 13° W., 495 ft.

From mon. at 750 ft. point on south side line;

Old blacksmith shop, 18 x 20 ft., N. 4° E., 190 ft.

INSTRUMENT.

This survey was made with a Young and Sons transit, with solar attachment. The courses were deflected from the true meridian as determined by Solar and Polaris observations. The distances were measured with a 50 foot and 100 foot steel tapes.

The adjoining claims are: Boulevard and Sunup on the south east; Sealeg on southwest; and Sidonus on northwest, T. E. Teegarden, claimant, *all unsurveyed.*

Philip Contzen,

U. S. Deputy Mineral Surveyor.

FINAL OATHS FOR SURVEYS.

LIST OF NAMES.

A list of the names of the individuals employed by Philip Contzen
 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 Thomas E. Teegarden
 known as the Lufhook
 and showing the respective capacities in which they acted.

John Armond Hays, Chairman.
Martin Ramzy, Chairman.
Henry Kenhan, Axman.
James Parker, Flagman.

FINAL OATHS OF ASSISTANTS.

We, John Armond Hays, Martin Ramzy, Henry Kenhan,
 and James Parker, do solemnly swear that we assisted Philip
Contzen, United States Deputy Mineral Surveyor, in marking the corners and
 surveying the boundaries of the mining claim of Thomas E. Teegarden

known as the Lufhook,
 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.

John Armond Hays, Chairman.
Martin Ramzy, Chairman.
Henry Kenhan, Axman.
James Parker, Flagman.

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

this 1st day of March, 1900.
 by John Armond Hays, Feb. 19, 1900, Martin Ramzy, Feb. 21, 1900, James Parker, Feb. 21, 1900, and
Henry Kenhan March 1st, 1900.

S. W. Russell

Notary Public

my commission expires 3/27/1901.



Affidavit of Five Hundred Dollars Improvements.

We, James Gaff, and John Armond Hays
of lawful age, being first duly sworn according to law, depose and say: that we are
acquainted with the Lufhook mining claim, situate
in Amole Mining district, Pima County,
Arizona Territory, for which Thomas E. Tugarden

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 improve-
ments made thereon by the applicant and grantor exceed Five Hundred
Dollars in value, and further that we are not personally interested in said mine.

James Gaff
John Armond Hays

TERRITORY OF ARIZONA,
County of Pima } ss:

Sworn to and subscribed before me, this 23
day of February, 1900, ~~1899~~



S. W. Purcell
Notary Public

My commission expires, 3/27/1901.

(4-686.)

FINAL OATH OF U. S. DEPUTY MINERAL SURVEYOR

I, Philip Contzen, U. S. Deputy Mineral Surveyor, do solemnly swear that, in pursuance of instructions received from the United States Surveyor General for Arizona, dated January 16, 1900, 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 Thomas E. Degaden, known as the Lufhook, situate in Amole Mining District, Pima County, Arizona, in Section 11 & 12, Township No. 15 S, Range No. 12 East (unsurveyed) and designated as Survey No. 1449, 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 his 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.

Philip Contzen
U. S. Deputy Mineral Surveyor.

Subscribed and sworn to by the said Philip Contzen
U. S. Deputy Mineral Surveyor, before me S. W. Purcell a
Notary Public this 28
day of February 1900.

My commission expires 3/27/1901.

S. W. Purcell
Notary Public



NOTICE OF MINING LOCATION.

Quartz Claim.

TO ALL WHOM IT MAY CONCERN:

This mining claim, the name of which is the LUFHOOK Mining Claim, situate on lands belonging to the United States of America, and which there are valuable mineral deposits, was entered upon and located for the purpose of exploration and purchase by Thomas E. Teegarden, the undersigned, on the first day of January, 1900.

The length of this claim is Fifteen Hundred feet and I claim One thousand feet in a South Easterly direction and Five hundred feet in a North Westerly direction from the center of the discovery shaft, at which this notice is posted, lengthwise of the claim, together with Three hundred feet in width of the surface grounds, on each side of the center of said claim. The general course of the lode deposit and premises is from the South Easterly to the North Westerly.

The claim is situated and located in the Amole Mining District, in Pima County, in the Territory of Arizona, The discovery shaft being about 1500 feet in a Westerly direction from the apex of Gold mountain, & about 10500 feet slightly south of west of Bee Hive mountain, and when the surveys of the vacant lands of the U. S. are completed this claim will lie partly in the N.E. 1/4 sec. 11 and partly in the S.E. 1/4 sec. 11 and partly in the N.W. 1/4 sec. 12, and partly in the S.W. 1/4 sec. 12, Tp. 15, S; R. 12 E. Gila and Salt River Meridian,

The surface boundaries of this claim are marked upon the ground as follows: Beginning at a monument of stones and stake at a point in a North Westerly direction 500 feet from the discovery shaft (at which this notice is posted), being in the center of the North Westerly end line of said claim; thence North Easterly 300 feet to a monument of stones and post, being the North West corner

- 2-

of said claim; thence South Easterly 750 feet to a monument of stones and post at the center of the North Easterly side line of said claim; thence South Easterly 750 feet to a mon. of stone & pt, being at the North East corner of said claim; thence South Westerly 300 feet to a monument of stone and post, at the center of the southeasterly end of said claim; thence South Westerly 300 feet to a mon. of stone & post, being at the South East corner of said claim; thence North Westerly 750 feet to a mon. of stone & post being at the center of the South Westerly side line of said claim; thence North Westerly 750 feet to a monument of stone & post, at the South West corner of said claim; thence North Easterly 300 feet to place of beginning. The whole of the above described mining claim is located on abandoned property.

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 General Assembly of Arizona, entitled " An Act Concerning Mines", approved March 20th, 1895. Also under the provisions of an Act of the General Assembly of Arizona, entitled " An Act Concerning Mines" approved March 2, 1899.

Thomas E. Teegarden,

Filed and recorded at request of Thomas E. Teegarden, January 11th, 1900, at 11 o'clock a.m. in Book " G.G." Record of Mines, page 637.

Chas. A. Shibell,
County Recorder,

Territory of Arizona,)
 : SS
 County of Pima,)

I, Chas. A. Shibell, County Recorder in and for the County of Pima, Territory of Arizona, do hereby certify that the foregoing and annexed is a true and correct copy of the LUFHOOK Mining Claim, Dated January First, 1900. filed and recorded as appears now of record in my office, in Book No. G.G. Record of Mines, page 637.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal at Tucson, this 12th, day of January, 1900.

Seal

Chas. A. Shibell,
 County Recorder,

Cancelled Ten Cent Revenue Stamp.

(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

July 7th, 1902

I, U. S. Surveyor General for *The District of Arizona*

do hereby certify that the foregoing and hereto attached Field Notes and Return of the Survey of the Mining Claim of *Thomas E. Tugarden*

....., known as the

Lufhook

situate in *Amole* mining district,

Pima County, *Arizona*

in Section, Township No., Range No.

....., designated as Survey No. *1449*

executed by *Philip Conzen*, U. S. Deputy Mineral

Surveyor, *Feb. 17th 18th*, 1900., under my instructions dated

Jan. 16th, 1900., 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.

(Signed) *Hugh H. Price*

U. S. Surveyor General for *Arizona*

Mineral Survey No. *1449*

Lot No.

U. S. SURVEYOR-GENERAL'S OFFICE,
TUCSON, ARIZONA.

FIELD NOTES

OF THE SURVEY OF THE

Lufhook

SITUATE IN

Anole Mining District,

Pima County,

ARIZONA.

SURVEYS EXECUTED BY

Philip Cortzen
U. S. Deputy Mineral Surveyor.

Feb. 17th 1902

Field Note Case No.

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

DEPARTMENT OF THE INTERIOR,

OFFICE OF U. S. SURVEYOR GENERAL,

Phoenix, Arizona

July 7th, 1902.

I, U. S. Surveyor General for *the 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 *Thomas E. Tugard*

, known as the *Lufhook*
, situate in *Amole*
Mining District, *Pima* County,
Arizona, in Section _____, Township No. _____,
Range No. _____, and designated as Survey
No. *1449*, 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 *his* grantors, and
that said improvements consist of *two shafts*

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 *Tucson*
Arizona is correct and in conformity with the foregoing Field Notes.

United States Surveyor General for *Arizona*