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8/21/02

(4-683.)

Mineral Survey No. 1687

Lot No.

GIDA

Land District.

### FIELD NOTES

OF THE SURVEY OF THE MINING CLAIM OF

CALUMET & ARIZONA MINING CO.

KNOWN AS THE

SILICA HILL No. 2

WARREN

Mining District,

COCHISE

County, ARIZONA TERRITORY

Section 35 & 4, Township 25 & 24 S, Range 25 E G & S, R. B & 14.

Surveyed under instructions dated July 5th. 1902, 1

by Geo. C. Clark

U. S. Deputy Mineral Surveyor.

Claim located February 20th. 1902, 1

Survey commenced August 15 1902, 1

Survey completed August 16th. 1902, 1

6-100

Claimants Address: - Bisbee, Cochise County Arizona Territory

*Sierra Hill No 2*

(4-684.)

# PRELIMINARY OATHS OF ASSISTANTS IN SURVEY OF MINING CLAIM.

WE, *C. M. Bigler* and *R. J. Des Brusay*,  
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 *Columet & Arizona Mining Co*  
\_\_\_\_\_, known as the  
*Sierra Hill No. 2*  
situate in *Warren* mining district,  
*Cochise* County, *Arizona Territory*,  
in Section *35 & 4*, Township No. *35 & 24 S.*, Range No. *25 E. G. & S. R. B. & M.*

*C. M. Bigler*, Chainman.  
*R. J. Des Brusay*, Chainman.

Subscribed and sworn to by the above-named persons before  
me this *14th* day of *August*, 18*93*, 18

*J. M. O'Connell*  
Notary Public in and for the County  
of *Cochise*, Territory of *Arizona*, and  
My Commission expires *1st* day of *Nov*, 18*93*.

I, \_\_\_\_\_, do solemnly swear that I will  
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 \_\_\_\_\_.

SILICA HILL, NO. 2

Feet

1687

Beginning at cor.No.1, the N.W.cor., identical with locat.  
A pine post 4 ft.long, 4 ins.sq.set 1 ft.in the ground  
in a mound of stones & scribed 1-1687 S.H.2

Whence a rock in place 3x2.1x2 ft.chiseled x1-1687 B.R.  
brs.N 51°22'W 201.5 ft.& the S.W.cor.of the S.E.1/4  
Sec.33 Township No.23 S, Range No.25 E of the G & S.R.  
B & M, brs.S 27°29'W 468.3 ft.

Thence S 82°08'E

500.00 To mound of stones, identical with location for N end.cent.

600.00 Same bearing to cor.No.2, the N.E.cor., identical with locat.  
& with the N.W.cor.Silica Hill No.1, unsurveyed. A pine  
post 4 ft.long, 4 ins.sq.set 1 ft.in the ground in a mound  
of stones & scribed 2-1687 S.H.2

Whence a rock in place 2.4x 2x1.9 ft.chiseled x2-1687 B.R.  
brs.N 74°12'E 121 ft.

Thence S 3°45'E

40.00 To center El Paso & S.W.R.R.track

554.00 Same bearing to intersection S line Township No.23 S, Range  
No.25 E at 1807.9 ft.due W from the S.E.cor.Sec.33,  
Township No.23 S, Range 25 E & 852.1 ft.due E from the  
S.W.cor.of the S.E. 1/4 Sec.33 above mentioned.

688.00 Same bearing to center Wash 16 ft.wide, 3 ft.deep, course N.

1500.00 Same bearing to cor.No.3, the S.E.cor. identical with locat.  
& with the S.W.cor.unsurveyed Silica Hill No.1. A pine  
post 4 ft.long 4 ins.sq.set 1 ft.in the ground in a mound  
of stones & scribed 3-1687 S.H.2

*Whence a flat rock in place 2.3x1.5 ft.  
chiseled x3-1687 B.R. brs. N 33°57'E 87.9 ft*

Thence N 82°08'W

500.00 To mound of stones, identical with locat. for S end center.

600.00 Same bearing to cor.No.4, the S.W.cor, identical with locat.  
A pine post 4 ft.long, 4 ins.sq.set 1 ft.in the ground in  
a mound of stones & scribed 4-1687 S.H.2. whence a rock  
in place 2.5x2.1x1.5 ft.chiseled x 4-1687 B.R. brs.S 26°31'E

57.4 ft. & center Station House at Glance brs.N 53°58'W *High Peak*  
*N.38°39'W*  
X W end R.R.Trestle brs.N 54°24'W, *Center of open Glance Hill S.48°05'W.*

Thence N 3°45'W

1085.70 To intersection S line Township No.23 S, Range No.25 E  
G & S.R.B & M. at 243.1 ft.due E from the S.W.cor.S.E.  
1/4 Sec.No.33 Township No.23 S, Range No.25 E & 2596.9 ft.  
due W from the SE cor.Sec.No.33 above mentioned

1390.00 Same bearing to center open cut No.6

1441.00 Same bearing to center El Paso & S.W.R.R.track

1500.00 Same bearing to cor.No.1, the place of beginning-

- Ledge -

*The course of the ledge on this claim is from the  
N. end centers of location, S.3°43'E, 1500 Ft.*

## SILICA HILL No.2 LODGE

4

Feet.

1687

- Beginning at cor.No.1,the N.W.cor.,identical with locat.  
A pine post 4 ft.long,4 ins.sq.set 1 ft.in the ground  
in a mound of stones & scribed 1-1687-S.H.2.  
Whence a rock in place 3 ft.high,2.1 x 2 ft.,chiseled  
× 1-1687 B.R.bears N 51°23'W 201.5 ft.and the S.W.cor.N.E.1/4  
Section No.35,Township No.23 S,Range No.25 E of the  
Gila & S.R.B & M.bears S 27°29'W 468.30 ft.  
Thence S 82°08'E
- 300.00 To mound of stones,identical with location for N end cent.  
600.00 Same bearing to cor.No.2,the N.E.cor,identical with  
location and with the N.W.cor.Silica Hill No.1,unsurv.  
A pine post 4 ft.long,4 ins.sq,set 1 ft.in the ground  
in a mound of stones & scribed 2-1687 S.H.2  
Whence a rock in place 2.4 x 2 x 1.9 ft.chiseled ×-2-  
1687 B.R.bears N 74°12'E 121 ft.  
Thence S 3°45'E
- 40.00 To center El Paso & S.W.R.R.track  
965.00 Same bearing to center Wash10 ft.wide,3 ft.deep,course N.  
1500.00 Same bearing to cor.No.3,the S.E.cor.,identical with  
location & with the S.W.cor.unsurveyed Silica Hill No.1  
A pine post 4 ft.long,4 ins.sq,set 1 ft.in the ground  
in a mound of stones & scribed 3-1687 S.H.2  
Whence a flat rock in place 2.5 x 1.5 ft.,chiseled ×-  
3-1687 B.R.bears N 55°57'E 87.9 ft.  
Thence N 32°08'W
- 300.00 To mound of stones,identical with location for N end cent.  
600.00 Same bearing to cor.No.4,the S.W.cor.identical with  
location,a pine post 4 ft.long,4 ins.sq.set 1 ft.in the  
ground in a mound of stones & scribed 4-1687 S.H.2  
Whence a rock in place 2.5 x 2.1 x 1.5 ft.,chiseled ×-  
4-1687 B.R.bears S 26°31'E 57.4 ft.& center Station  
House at Glance brs N 55°53'W,High Peak N 38°39'W,W end  
R.R.Trestle N 54°24'W,center Copper Glance Hill S 48°05'W  
Thence N 5°45'W
- 1390.00 To center Open Cut No.6  
1441.00 Same bearing to center El Paso & S.W.R.R.Track  
1500.00 Same bearing to cor.No.1,the place of beginning.

## LEDGE

The course of the ledge on this claim is from the N end  
center of location S 5°45'E 1500 ft.

I certify that the value of the labor & improvements on this claim, placed thereon by the claimants or their grantors is not less than \$500.00 & that said improvements, consist of-

No.1	Discovery Cut 3x10x10 ft. course S, bears from point on line 2-5 at 745.7 ft. from cor No.2, N 17°16'W 60 ft.	\$ 100.00
No.2	Open Cut 4x8x15 ft., course W, bears from same point N 89°50'W 80 ft.	100.00
No.3	Open Cut 4x12x15 ft. course W, brs. from same point N 75°07'W 115 ft.	100.00
No.4	Open Cut 4x25x12 ft., course W, brs from same point N 23°50'W 130 ft.	100.00
No.5	Open cut, course W 60 ft. N & S 50 ft. 6 ft. face, bears from cor. No.2, S 45°W 90 ft.	200.00
No.6	Open cut 4x10x25ft. course S 59°E, crosses line 4-1 at 1500 ft. from cor No.4, 10 ft. of this work is on this claim	100.00

Total Improvements

\$ 700.00

ADJOINING CLAIMS

The only adjoining property is the Silica Hill No.1 on the E & owned by the applicants herein.

LOCATION

This claim is located about 2000 ft. E of Glance Station on the El Paso & S.W.R.R. and lies partly in the S.E. 1/4 of Section No. 23, Township No. 23 S & Partly in the N.E. 1/4 section No. 4 Township No. 24 S, Range No. 25 E of the Gila & Salt River B & M. <sup>In the WARREN Mining District, Cochise County</sup> ARIZONA Territory

Area of Claim

Total & Net Area

20.24 Acres

INSTRUMENT

The Survey was made with a Lietz Mountain & Mining Transit, the courses were deflected from the true Meridian as determined by solar observations, checked by an observation on Polaris—all distances were measured with a 300 ft. steel tape.

MAGNETIC VARIATION 13°20'E

Bisbee Arizona Territory

August 14th. 1902

Geo. C. Pearl

U.S. Deputy Mineral Surveyor

Silica Hill No. 2

# FINAL OATHS FOR SURVEYS.

## LIST OF NAMES.

A list of the names of the individuals employed by Geo. C. Clark  
 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 Columet & Arizona Mining Co.  
 known as the Silica Hill No. 2  
 and showing the respective capacities in which they acted.

C. M. Bigler, Chairman.  
R. J. Des Brisay, Chairman.  
 \_\_\_\_\_, Arman.  
 \_\_\_\_\_, Flagman.

## FINAL OATHS OF ASSISTANTS.

We, C. M. Bigler and R. J. Des Brisay  
 and \_\_\_\_\_ do solemnly swear that we assisted  
Geo. C. Clark, United States Deputy Mineral Surveyor, in marking the corners and  
 surveying the boundaries of the mining claim of \_\_\_\_\_  
The Columet & Arizona Mining Co.  
 known as the \_\_\_\_\_  
Silica Hill No. 2, 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*

C. M. Bigler, Chairman.  
R. J. Des Brisay, Chairman.  
 \_\_\_\_\_, Arman.  
 \_\_\_\_\_, Flagman.

Subscribed and sworn to by the above-named persons before me  
 this 16th day of August, 1902, 1

J. M. McConnell

Notary Public in and for the County  
 of Cochise, Territory of Arizona.  
 My Commission expires Jan. 9 1904



FINAL OATH OF U. S. DEPUTY MINERAL SURVEYOR

I, Geo. C. Clark, U. S. Deputy Mineral Surveyor, do solemnly swear that, in pursuance of instructions received from the United States Surveyor General for Arizona, dated July 5th, 1902, 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 Columet & Arizona Mining Co., known as the Bilico Hill No. 2, situate in WARREN Mining District, Cochise County, Arizona Territory, in Section 35 & 4, Township No. 25 & 24 S, Range No. 25 E 4th & 3rd B & N, and designated as Survey No. 1667, 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.

Geo. C. Clark  
 U. S. Deputy Mineral Surveyor.

Subscribed and sworn to by the said Geo. C. Clark  
 U. S. Deputy Mineral Surveyor, before me  
 this 16th  
 day of August, 1902

J. M. Bonnell

Notary Public in and for the County  
 of Cochise, Territory of Arizona.  
 My Commission expires Jan. 9 1904



# Affidavit of Five Hundred Dollars Improvements.

We, C. M. Bigler, and R. J. DeBrisay

of lawful age, being first duly sworn according to law, depose and say: that we are acquainted with the Baice Hill No. 2 Lode mining claim, situate in Canon Mining district, Cochise County, Arizona Territory, for which

The Calumet & Arizona Mining Co.

have 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 applicants and their grantors exceed Five Hundred Dollars in value, and further that we are not personally interested in said mine.

C. M. Bigler  
R. J. DeBrisay

TERRITORY OF ARIZONA, }  
County of Cochise } ss:

Sworn to and subscribed before me, this 16th

day of August 1903, 189...

J. M. Bonnell

Notary Public in and for the County  
of Cochise, Territory of Arizona.  
My Commission expires Jan. 9 1904

# Notice of Mining Location.

9

## LODE CLAIM.

To All Whom It May Concern:

This mining claim, the name of which is the Silica Hill No. 2  
Mining Claim, situate 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 J. H. Meyers and Alfred Paul  
Citizens of the United States

(Locator must insert either "a citizen of the United States," or, "who has declared his intention to become a citizen of the United States.")

the undersigned, on the 20th day of February 1902

The length of this claim is Fifteen Hundred feet,  
and we claim seven hundred & fifty feet  
in a northerly direction, and seven hundred  
and fifty feet in a Southerly 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  
north to the south

The claim is situated and located in the Warren Mining District, in  
Cochise County, in the Territory of Arizona, about 1/3 of a mile  
in a Easterly direction from Glance Station

The surface boundaries of the claim are marked upon the ground as follows: Beginning ~~at~~  
a monument of stone

at a point in a northerly direction seven hundred & fifty feet from  
the discovery shaft (at which this notice is posted), being in the center of the northerly  
end line of said claim; thence Three hundred feet to a monument  
of stone, being the Northeast corner of said claim; thence  
Fifteen hundred feet to a monument, being at the  
Southeast corner of said claim; thence Three hundred feet  
to a monument at the center of the southerly end of said claim;  
thence Three hundred feet to a monument, being at the  
Southwest corner of said claim; thence Fifteen hundred  
feet to a monument 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 General Assembly of Arizona, entitled "An Act to  
Revise and Codify the Laws of the Territory of Arizona," approved March 16th, 1901.

Dated and posted on the ground this 20th day of February 1902

J. H. Meyers,

Alfred Paul

Filed and recorded at request of Geo. W. Swain Apr. 14, 1902, at 1010 A. M.  
Book 20 page 163, Record of Mines. cochise County Records.

TERRITORY OF ARIZONA,  
 County of..... } ss

I,....., 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..... 190..., 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.

**Notice of Location.**  
 LOPE CLAIM.

.....  
 .....

Dated..... 190.....

Filed and recorded at request of.....  
 .....

..... A. D. 190.....

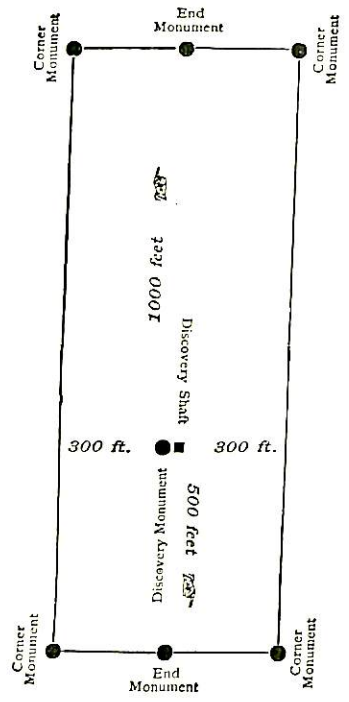
at..... M.

Book.....

Pages.....

..... County Recorder.

By..... Deputy Recorder.



This diagram is to give locator a general idea of plan of location under the new law. The Discovery Shaft can be in the center of claim or any distance from either end desired. In the diagram it is placed 500 feet from one end and 1000 feet from the other. Commence description of claim at a center end monument, giving its distance and direction from center of Discovery Shaft; thence bound the claim in either direction. 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 Cochise.     )

I, Frank Hare County Recorder in and for said  
county, hereby certify that I have compared the foregoing copy with  
the original location notice of the "Silica Hill No. 2" mining claim,  
filed and recorded in my office on the 14th day of April 1902, in  
Book 20 page 183, of Record of Mines, and the same is a full, true and  
correct copy of such original and of the whole thereof.

Witness my hand and seal of office, this 16th day of June 1902.

*Frank Hare*

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,

*Phoenix, Arizona.*

*September 16<sup>th</sup>, 1902.*

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 Calumet and Arizona Mining Co.*

....., known as the *Silica Hill No. 2*

situate in *Warren* mining district,

*Cochise* County, *Arizona*

in Sections *33 & 4*, Township Nos *23 & 24 S*, Range No. *24 E*,

....., designated as Survey No. *1687*.

executed by *George C. Clark*, U. S. Deputy Mineral

Surveyor, *August 15-16<sup>th</sup>*, 1902, under my instructions dated

*July 5<sup>th</sup>*, 1902., have been critically examined and the

necessary corrections and explanations made, and the said Field Notes and Return, and

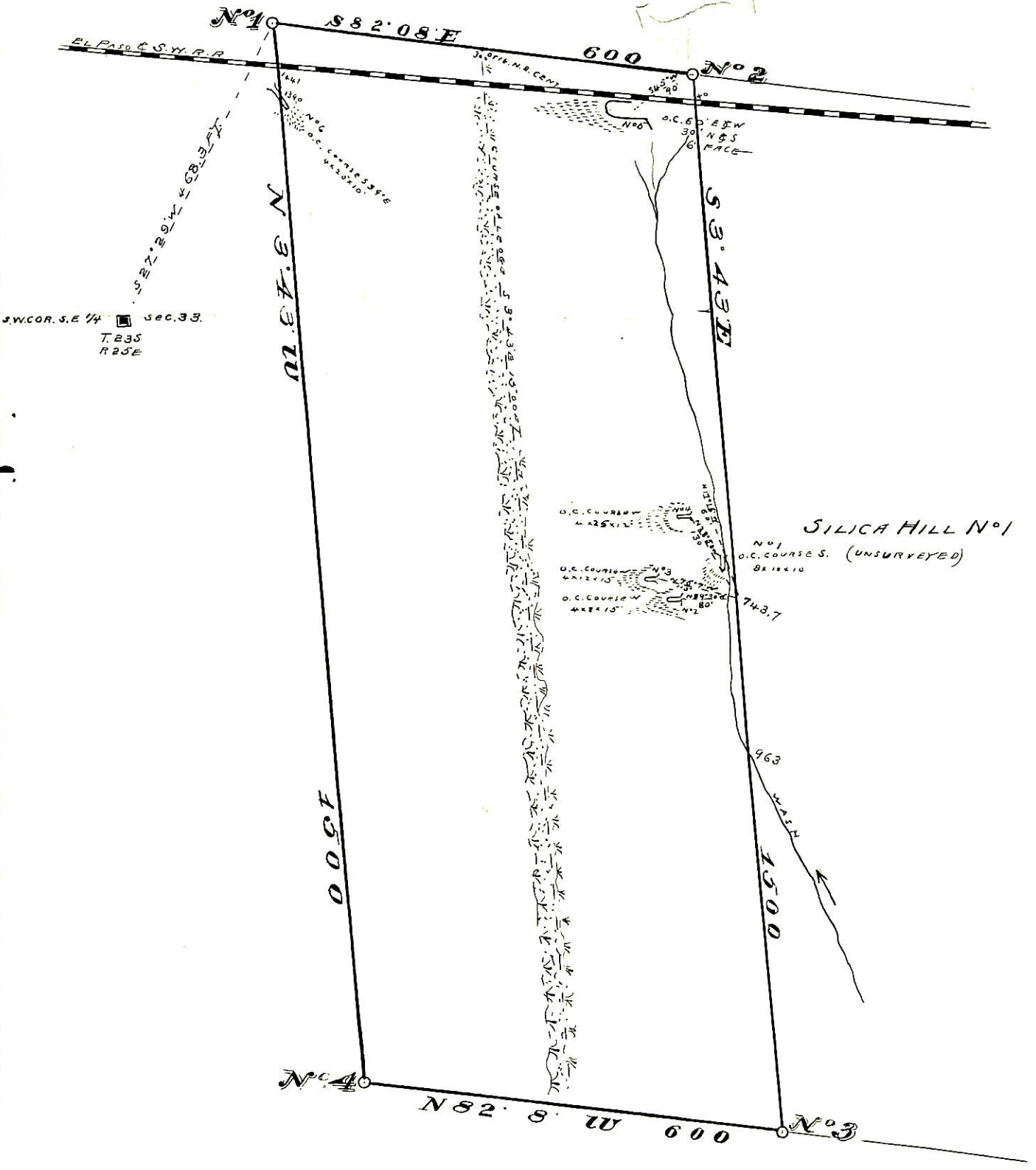
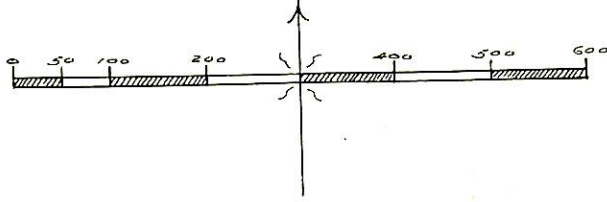
the Survey they describe, are hereby approved. A true copy of the copy of the location

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

*Hugh H. Price*

U. S. Surveyor General for *Arizona.*

# Silica Hill No. Two 1887



S.W. COR. S.E. 1/4 sec. 33.  
T. 23 S  
R. 25 E

SILICA HILL N°1

N°1  
O.C. COURSE S. (UNSURVEYED)  
82184.10

*Geo. C. Clark*

Bisbee Arizona Territory  
August 16th. 1902

U.S. Deputy Mineral Surveyor