

**MS**

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Recd Sept 27 1900  
of 15 Oct 29 1900  
paid 100 12 00  
Recd 1 1 1900  
Platted Nov 3 00

(4-683.)

Mineral Survey No. 1483

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

Prescott Land District.

FIELD NOTES

OF THE SURVEY OF THE MINING CLAIM OF

T.A. Mc Elmell, A.M. Stephen,

Thos. V. Kean, of Kean's Cañon

Arizona

KNOWN AS THE

"Tom Kean"

Butte Valley Mining District,

Cochise County, Arizona

Section Unsurveyed Township 37 N, Range 8-9 E Approx -

Surveyed under instructions dated June 19, 1900

by Godfrey Sykes,  
U.S. Deputy Mineral Surveyor.

Claim located Jan 1st 1883

Survey commenced July 26, 1900

Survey completed July 27, 1900

o 6-180

Address:-

Thomas V. Kean,

Kean's Cañon, Arizona

# PRELIMINARY OATHS OF ASSISTANTS IN SURVEY OF MINING CLAIM.

W, Chas C. McLean and \_\_\_\_\_  
do solemnly swear that we will well and faithfully execute the duties of chain carrier; 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 V. Keam, known as the  
Tom Keam Keam's Canon Arizona  
situate in Butte Valley mining district,  
Cocorino County, Arizona,  
in Section \_\_\_\_\_, Township No. \_\_\_\_\_, Range No. \_\_\_\_\_

Chas C McLean \_\_\_\_\_, Chainman.  
\_\_\_\_\_, Chainman.

Subscribed and sworn to by the above-named person before me this 18 day of July, 1900

W. H. Stewart  
Clerk of District Court

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 \_\_\_\_\_ Thomas V. Keam, Keam's Canon Arizona  
Tom Keam  
more fully described in the preceding affidavit.

W. H. Stewart \_\_\_\_\_, Flagman.

Subscribed and sworn to by the said \_\_\_\_\_  
before me this 18th day of July 1900, 18 \_\_\_\_\_

W. H. Stewart  
Clerk District Court



## TOM-KEAM Lode.

Feet,

Beginning at Cor. No. 1. Identical with Cor. of location.

A block of red sandstone 26"x14"x3", set in ground 14",  
marked I. 1483., with mound of stone.

whence,

U. S. Location Monument No. 2. bears S.  $71^{\circ}-08'$  W., dist.  
2046 ft.A x cut on sloping side of reef of rocks, 4ft above ground,  
marked B. R. I. 1483., bears S.  $25^{\circ}-42'$  W. dist. 828 ft.A x cut on flat rock in place, 12" above ground, marked B. R.  
I. 1483., bears N.  $12^{\circ}-40'$  W., dist. 454.5 ft.A cedar post, claimant unknown, bears N.  $52^{\circ}-43'$  W., dist.  
47 ft.A cedar post, claimants unknown, bears S.  $40^{\circ}-20'$  W., dist.  
40.5 ft.Thence N.  $37^{\circ}-17'$  W.Var.  $14^{\circ}-20'$  E.

525 To reef of rocks on line.

700 To point on line.

whence,

Discovery monument bears N.  $42^{\circ}-31'$  E., dist. 303 ft.Cut (No. 1.) bears N.  $48^{\circ}-28'$  E., dist. 301 ft.Prospect shaft ( No. 2.) bears N.  $74^{\circ}-33'$  E., dist. 365.5 ft.Prospect hole ( No. 3.) bears N.  $74^{\circ}-33'$  E., dist. 390 ft.Shaft ( No. 4.) bears N.  $61^{\circ}-05'$  E., dist. 311 ft.

750 To point on line.

whence.

Feet

4

- Stake, claimant unknown, bears N.  $52^{\circ}$  E., dist. 6 feet.
- 1500 To Cor. 2.  
Identical with corner of location.  
A block of red sandstone 302x17"x2", set in ground 15",  
marked 2-1483., with mound of stone.  
whence,  
A x cut on dead cedar tree 12" diam., marked B. T. 2-1483.,  
bears S.  $79^{\circ}$ -12' W., dist. 115.7 feet.  
Thence N.  $52^{\circ}$ -43' E.  
Var.  $14^{\circ}$ -30' E.
- 600 To Cor. 3., Cor. of location partly down, practically identical  
A block of red sandstone, 28"x12"x2", set in ground 15",  
marked 3-1483., with mound of stone.  
whence,  
A x cut on face of cliff, 5ft above ground, marked B. R.  
3-1483., bears N.  $41^{\circ}$ -24' W., dist. 340 ft.  
A cedar post, claimant unknown, bears S.  $37^{\circ}$ -20' E.,  
dist. 138.8 ft.  
Thence S.  $37^{\circ}$ -17' E.  
Var.  $14^{\circ}$ -30' E.
- 762 To point on line.  
whence cedar post, claimant unknown, bears N.  $50^{\circ}$  E., dist.  
4 feet.
- 1500 To Cor. 4., identical with corner of location.  
A block of red sandstone, 26"x16"x2", set in ground 12",  
marked 4-1483., with mound of stone.

'Fe

Whence a x cut on sandstone cliff 4.5 ft above ground, marked B. R. 4-1483, bears N. 79°-30' E., dist 360.5 feet.

A stake, claimant unknown, bears S. 61°-15' E, dist 123.7 ft.

Thence S. 52°-43' W., Var. 14°-30' E.

300 To point on line;

Whence a stake, claimant unknown, bears S. 37° E., dist 54 ft..

600 To corner 1. and place of beginning.

Location.

This claim is located on unsurveyed land, approximately in Twp. 37N, Ranges 8 - 9 E., *Butte Valley Mq. Dist., Coconino Co., Ariz.*

Ledge is badly defined, but out-croppings indicate a general direction S 37° E., & N. 37° W., from Discovery monument, about 20 ft in a N. W. direction and 150 ft in a S. E. direction.

No evidence of conflicting or adjoining claims was found on this claim except shaft, (No.4), sunk by unknown claimants, and the unmarked stakes and posts described above.

AREA.

Area of TOM KEAM Lode..... 20.662 Acres.

Expenditure of Five Hundred Dollars.

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

*Disc.*  
A cut (No.1), 15x22x8 ft deep, *bearing*  
Value \$750.

A prospect shaft (No.2), 8x10x5 ft deep, *prospecting*  
Value \$120.

A prospect hole (No.3), 4x5x2.5 ft deep,

Value \$12.

Other improvements;

A shaft, (No.4), claimant unknown, 6x10x11 ft deep, *bearing?*

Instrument: The survey was made with a Gurley Engineers transit, with solar attachment.

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

The distances were measured with 100 foot steel tape.

*Godfrey Sykes*

U. S. Deputy Mineral Surveyor.



Survey No 1483

"Tom Keam" side  $36^{\circ} 37' 40''$  N

7

Settings for solar observations

July 26 1900.

Sun's declination 9, app. N.

N  $19^{\circ} 29' 44.9''$

hourly diff -  $32.97''$

Cor 1

3. P. M. Standard Mountain time.

$$32.97 \times 10 = 5.29''$$

correction for refraction  $28''$

observed var.  $14^{\circ} 20' \checkmark$

July 27.

Sun's declination 9, app. N.

N  $19^{\circ} 16' 23.7''$

hourly diff.  $33.77''$

Cor 2,

9.30 A. M.

$$33.77 \times 4.5 = 2.32''$$

correction for refraction  $22''$

observed var.  $14^{\circ} 30' \checkmark$

Cor 3,

11.15 A. M.

$$33.77 \times 6.25 = 3.31''$$

correction for refraction  $17''$

observed var.  $14^{\circ} 30' \checkmark$

Cor 4.

2.30 P. M.

$$33.77 \times 9.5 = 5.22''$$

correction for refraction  $24''$

observed var  $14^{\circ} 30' \checkmark$



# FINAL OATHS FOR SURVEYS.

## LIST OF NAMES.

A list of the names of the individuals employed by Godfrey Sykes  
 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 T. A. Mc Elmelle, A. M. Stephen & Thos. V. Kean  
 known as the "Tom Kean"  
 and showing the respective capacities in which they acted.

....., *Chainman.*  
Chas Mc Lean, *Chainman.*  
 ....., *Asman.*  
H. Hursey, *Flagman.*

## FINAL OATHS OF ASSISTANTS.

We, Chas Mc Lean  
 and H. Hursey, do solemnly swear that we assisted Godfrey  
Sykes, United States Deputy Mineral Surveyor, in marking the corners and  
 surveying the boundaries of the mining claim of T. A. Mc Elmelle,  
A. M. Stephen & Thos. V. Kean.  
Kean's Cañon Arizona known as the  
 "Tom Kean" ....., 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

Chas M<sup>c</sup> Lean, *Chainman.*  
 ....., *Chainman.*  
 ....., *Asman.*  
H Hursey, *Flagman.*

Subscribed and sworn to by the above-named persons before me  
 this 18<sup>th</sup> day of September, 1890

My notarial commission  
 will expire on Sep 25 1900

C. S. Gosney  
 Notary Public

FINAL OATH OF U. S. DEPUTY MINERAL SURVEYOR

I, Godfrey Sykes, U. S. Deputy Mineral Surveyor, do solemnly swear that, in pursuance of instructions received from the United States Surveyor General for Arizona, dated June 17, 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 T. A. Mc Elmell, A. M. Stephen known as the "Tom Keam" Keam's Claim Arizona, situate in Butte Valley Mining District, Cocouino County, Arizona, in Section \_\_\_\_\_, Township No. \_\_\_\_\_, Range No. \_\_\_\_\_, and designated as Survey No. 1483, 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 claimants 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.

Godfrey Sykes  
U. S. Deputy Mineral Surveyor.

Subscribed and sworn to by the said Godfrey Sykes  
U. S. Deputy Mineral Surveyor, before me E. S. Gosney  
Notary Public this 18<sup>th</sup>  
day of September, 1900.

E. S. Gosney  
Notary Public

*My notarial commission will expire Sep 25<sup>th</sup> 1900*



Affidavit of Five Hundred Dollars Improvements.

We, Chas McLean, and A Hursey  
of lawful age, being first duly sworn according to law, depose and say: that we are  
acquainted with the "Tom Beam" mining claim, situate  
in Butte Valley Mining district, Cocconino County,  
Arizona Territory, for which Thos. V. Beam  
Beam's Cañon Arizona  
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 his grantors exceed Five Hundred  
Dollars in value, and further that we are not personally interested in said mine.

Chas McLean

A Hursey

TERRITORY OF ARIZONA,  
County of Cocconino } ss:

Sworn to and subscribed before me, this 18<sup>th</sup>

day of September, 1890

C. B. Greeney  
Notary Public

My notarial commission  
will expire Sep 25 1900

TOM KEAM.

NOTICE.

Yavapai County,  
Terr'y of Arizona,

We the undersigned citizens of the United States claim 1500 feet on this lead, vein or deposit of rock in place bearing precious mineral.

Commencing at this monument and running 750 feet in a Northerly direction and 750 feet in a Southerly direction, together with 300 feet on each side the-centre of said vein for mining purposes. This claim is situate about 43 miles N.W. West from Moen Kopi, and 35 miles S.S. West from Navajo Mountain.

The nearest known claim is the Iron Mountain lode, distant 2 miles bearing S. East.

This claim shall be known as "the Tom Keam" lode, January 1st, 1883.

T. A. McEIMMELL  
A. M. STEPHEN  
Locators,  
T. V. KEAM.

Filed and recorded at request of A. M. Stephen, February 5<sup>th</sup> A. D. 1883 at 9 o'clock A. M. in Book 16 of Mines, Pages 340 - 341, Records of Yavapai County, Arizona.

H. F. Carter,  
County Recorder.

\*\*\*\*\*

Territory of Arizona, §  
County of Yavapai, §



I, W. J. JOHNSON, County Recorder in and for the County of Yavapai in the Territory of Arizona 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 the original location of the "Tom Keam" Mining Claim as the same appears in my office in Book 16 of Mines, Pages 340 and 341, Yavapai County, Arizona.



Witness Whereof I have hereunto set my hand and affixed this the 7th day of July, A. D. 1899.

*W. J. Johnson*

County Recorder.

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(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*

*January 3, 1901*, 18

I, U. S. Surveyor General for *Arizona*,

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

Survey of the Mining Claim of *J. A. McElvick, A. W. Duplex*

*and Thos V. Keam*

....., known as the

"*Tom Keam*"

situate in *Butte Valley* mining district,

*Coconino* County, *Arizona*,

in Section *approx.*, Township No. *37N*, Range No. *8+9E (unsurveyed)*

....., designated as Survey No. *1483*.

executed by *Godfrey Sykes*, U. S. Deputy Mineral

Surveyor, *July 26-27, 1900*, 18

*June 19, 1900*, 18, have been critically examined and the

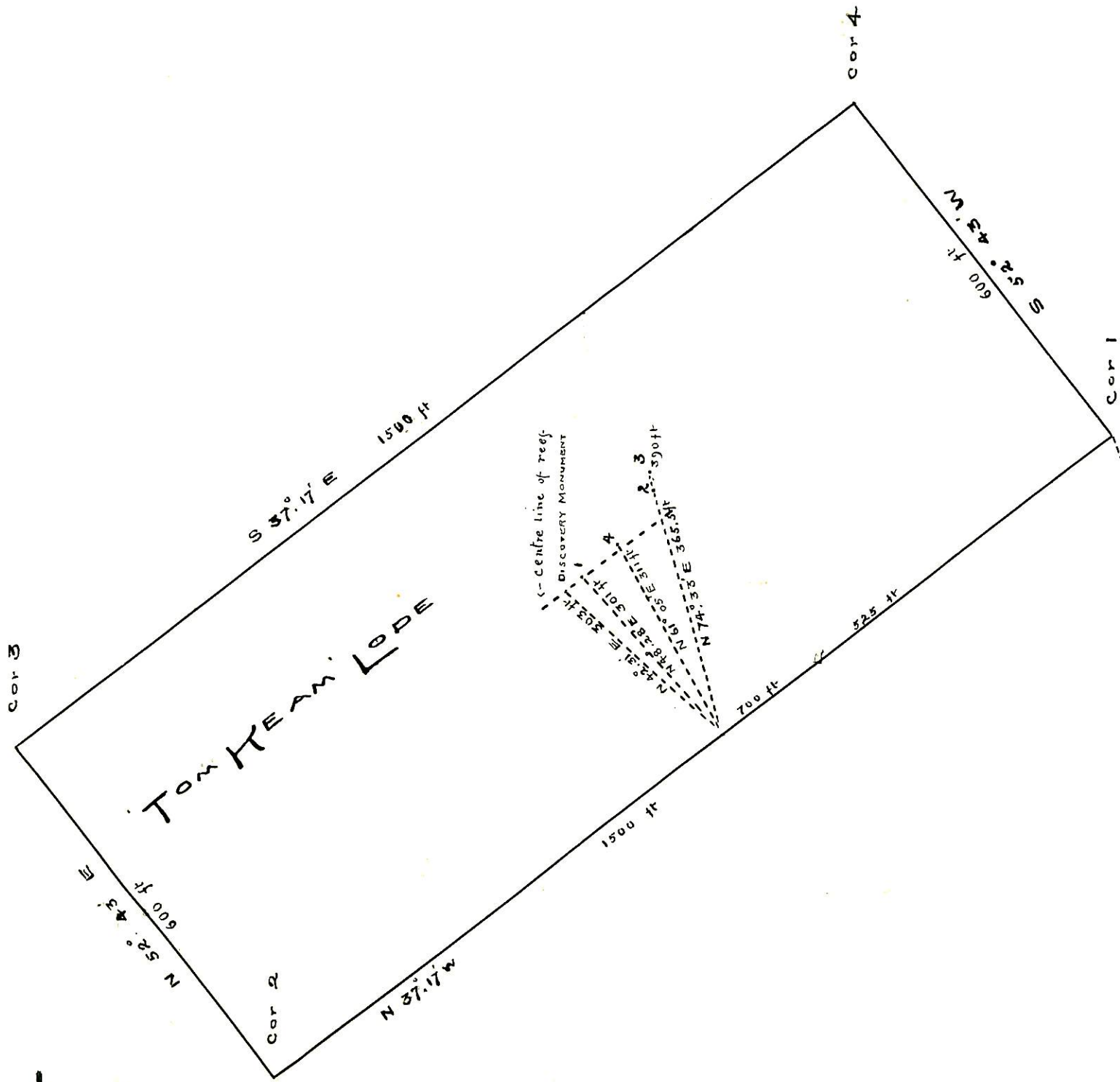
necessary corrections and explanations made, and the said Field Notes and Return, and

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*.



U.S. L.M. No. 2  
 S. T. 11.08' W 2046 ft  
 SURVEY No 1483

BUTTE VALLEY MINING DISTRICT

SURVEYED JULY 26-27 1900

By G Sykes

U.S. DEPUTY MIN SURVEYOR



UNITED STATES DEPARTMENT OF THE INTERIOR 9605 (956)  
BUREAU OF LAND MANAGEMENT M.S. 1483  
ARIZONA STATE OFFICE

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NOTICE OF CANCELLATION OF MINERAL SURVEY

The TOM KEAM lode, Mineral Survey No. 1483, located in approx. sections 25 and 26, Township 38 North, Range 9 East (unsurveyed), Gila and Salt River Meridian, Arizona, is hereby canceled.

This claim has not been filed with the Arizona State Office, Bureau of Land Management, in accordance with Section 314, 90 STAT. 2769, (43 U.S.C. 1744).

This cancellation was necessitated to clear the record.

The Mineral Survey Plat should be noted as follows:

"TOM KEAM lode, M.S. 1483, was canceled January 12, 2009, by memo 9605 (956) M.S. 1483, which is now a part of the original field notes."

January 12, 2009  
Date

Stephen H. Hansen  
Chief Cadastral Surveyor of Arizona