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7/5/02

blasted Oct 1902

(4-683.)

Mineral Survey No. 1669

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

91a

Land District.

### FIELD NOTES

Place

OF THE SURVEY OF THE MINING CLAIM OF

S. W. French: H. A. Probst: W. H. Brophy -  
H. L. Harrington: H. H. Perkins + R. T. Cornell

KNOWN AS THE

Tufa Plain mining or Stone Quarry Claim

Unorganized

Mining District.

Cochise

County, Arizona Territory

Section approximately Township  $n^{\circ} 20^{\frac{2}{2}} S$ , Range  $n^{\circ} 28 E$  (unsurveyed)

Surveyed under instructions dated May 20<sup>th</sup> 1902

by Geo. C. Clark

U. S. Deputy Mineral Surveyor

- Claim located May 10<sup>th</sup> 1902 . 1
- Survey commenced June 1<sup>st</sup> 1902 . 1
- Survey completed June 3<sup>d</sup> 1902 . 1

Claimants' Address: Bisbee, Cochise County, Arizona.

# PRELIMINARY OATHS OF ASSISTANTS IN SURVEY OF MINING CLAIM.

WE, F. W. Kekai and A. M. Howe,  
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 S.W. French et al  
....., known as the  
Tufa Plain Mining or Stone Quarry Claim  
situate in ..... mining district,  
Cochise County, Arizona Territory County on unsurveyed lands, approximately  
in Section ....., Township No. 23 S, Range No. 23 E, G. & S. R. B. & M.

F. W. Kekai, Chairman.  
A. M. Howe, Chairman.



Subscribed and sworn to by the above-named persons before  
me this 31st day of July, 1893.

J. M. O'Connell

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

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 .....

TUFA PLAIN MINING OR STONE  
QUARRY CLAIM

FEET.

- No 1669 -

Beginning at cor. n<sup>o</sup> 1, the S. E. cor. identical with location, a pine post 4 ft. long, 4 ins. sq. set 2 ft. in the ground in a mound of stones & scribed 1-1669-7. P. M. S. Q. C.

Whence U. S. M. M. <sup>No. 1669</sup> established for this survey, bears  $N 51^{\circ} 43' W$  1194.3 ft and College Peak bears  $S 49^{\circ} 30' 30'' E$  8192.7 ft and a pine post 4 ft. long, 4 ins. sq. set 1 ft. in the ground in a mound of stones & scribed 1-1669-W. C. bears  $N 56^{\circ} 41' E$  100 ft. and a second post of same dimensions & scribing bears  $S 33^{\circ} 19' E$  299.3 ft.

Thence  $S 56^{\circ} 41' W$

1320 So cor. n<sup>o</sup> 2, the S. E. cor. identical with location, a pine post 4 ft. long, 4 ins. sq. set 2 ft. in the ground in a mound of stones & scribed 2-1669 J. P. M. S. Q. C.

Whence U. S. M. M. <sup>No. 1669</sup> established for this survey bears  $N. 6^{\circ} 27' E$  1474.3 ft. and College Peak bears  $S 57^{\circ} 56' E$  and a pine post 4 ft. long, 4 ins. sq. set 1 ft. in the ground in a mound of stones, scribed 2-1669-W. C. bears  $S 33^{\circ} 19' E$  100 ft and a second post of same dimensions & scribing bears  $S 56^{\circ} 41' W$  100 ft.

Thence  $N 33^{\circ} 19' W$

2954.5 So center. El Paso & S. Th. R. R. track

3960.0 Same bearing to cor. n<sup>o</sup> 3, the N. W. cor. identical with location, a pine post 4 ft. long, 4 ins. sq. set 2 ft. in the ground in a mound of earth & stones & scribed 3-1669-J. P. M. S. Q. C.

Feet

No. 1669

Whence U.S. m. m., established for  
 this survey bears  $S 51^{\circ} 46' E$  2980 ft.  
 and College Peak bears  $S 50^{\circ} 16' E$   
 and a pine post 4 ft. long, 4 ins. sep.  
 set 1 ft. in the ground in a mound  
 of stones bears  $N 56^{\circ} 41' E$  100 ft. Scribed 3-1669. W.C.  
 a second post of same dimensions  
 + scribing bears  $S 56^{\circ} 41' W$  100 ft.  
 and a rock in place level with  
 surface  $3\frac{1}{2} \times 4$  ft. Chiseled x-1669. B.R.-3-  
 bears  $N. 84^{\circ} 17' E$  459.6 ft.

Thence  $N 56^{\circ} 41' E$

1320.0 To cor. n<sup>o</sup> 4, the N.E. cor., identical  
 with location, a pine post, 4 ft.  
 long, 4 ins. sep. set 2 ft. in the ground  
 in a mound of stones and scribed  
 4-1669-T.P.M. S. Q. <sup>No. 1669</sup>

Whence U.S. m. m., established  
 for this survey bears  $S 25^{\circ} 43' E$   
 2852 ft and a pine post 4 ft.  
 long 4 ins. sep. set 1 ft. in the ground  
 in a mound of stones + scribed  
 4-1669-W.C. bears  $N 56^{\circ} 41' E$ .  
 100 ft and a second post of same  
 dimensions + scribing bears  $S 56^{\circ}$   
 $41' W$  100 ft, and a rock in place  
 6 ins. high,  $2.7 \times 3.5$  ft. chiseled  
 x-4-1669 B. R. bears  $S 21^{\circ} 42' W$  358.9 ft.

Thence  $S 33^{\circ} 19' E$

- 4750 To center C. & P. and S.W. R.R. track
- 2897.0 Same bearing to beginning of hill  
on which Mineral Monument is  
located
- 3500.0 Same bearing to S. End of same hill
- 3960.0 Same bearing to cor. n<sup>o</sup> 1, the  
place of beginning.

— Improvements —

— VALUE —

I certify that the value of the labor and improvements on this claim, placed thereon by the claimants or their grantors is not less than \$5000.00 for each 20 acres thereof & that said improvements consist of

|                  |  |                |
|------------------|--|----------------|
| n <sup>o</sup> 1 | Excavation for building stone, 200 ft. long N+S, 100 ft. wide E+W. 20 ft face on N. side, center of this work bears from cor. n <sup>o</sup> 3 N 81°19'E 730 ft. | 2500.00        |
| n <sup>o</sup> 2 | Excavation for fire clay 60 ft E+W. 30 ft. N+S average 10 ft. deep. Center bears from point on line 4-1 at 1100 ft from cor. n <sup>o</sup> 4 N 73°40'W 450 ft   | 300.00         |
| n <sup>o</sup> 3 | Well 4x6x60 ft. bears from point on line 4-1 at 1050 ft from cor. n <sup>o</sup> 4 S 56°41'W 350 ft  | 200.00         |
| n <sup>o</sup> 4 | Well 4x6x60 ft bears from point on line 4-1 at 1700 ft. from cor. n <sup>o</sup> 4 S 54°14'W 660   | 250.00         |
|                  | 5000 gallon water tank bears from same point S 46°24'W 895 ft  | 125.00         |
|                  | 3 derricks for handling building stone located in excavation n <sup>o</sup> 1  | 150.00         |
|                  | Total Improvements   | <u>3525.00</u> |

Other Improvements

Frame building 30x60 ft, facing N 1°24'E, E well center bears from point on line 4-1 at 1700 ft from cor n<sup>o</sup>4, S 37°54'W 645 ft.

— Area —

Total + net area of Claim 120 acres

- Location -

This claim is located about 12 miles N. E. of Douglas, Cochise County, Arizona Territory, on unsurveyed lands approximately in Township No 23 S, Range No 28 E, Gila + Salt River Base + Meridian. No mining district has been established for this section, the nearest being the Warren mining District, lying about 28 miles west -

Adjoining Claims

None within 20 miles so far as is known -

- Instrument -

The survey was made with a Lietz mining + solar transit. The courses were deflected from the true meridian as determined by solar observations, checked by an observation on polaris - The distances were measured with a 300 ft. steel tape -

Magnetic variation  $12^{\circ} 31' E$

Bisbee, Cochise Co  
Arizona

Geo. C. Clark  
U.S. Dep. Min. Surveyor

- U. S. Mineral Monument -

This monument is a pine post 6 ft long, 6 ins. sq. set 3 ft. in the ground, 2 1/2 ft. of which is drilled in the rock in place + is surrounded to top by mound of stone solidly built, + is chiseled "U. S. M. M. Survey No. 1669 T. P. M. S. D. C.

The meridian of the survey was established from the center of this monument by solar observations with a Saegmuller attachment, checked by an observation on Polaris at 2:45 P. M. June 1<sup>st</sup> 1902 and by solar observations from cars. No. 1 and 3.

It is located on a hill about 400 ft. high and which lies almost entirely within the boundaries of this survey -

There are no streams, gulches, peaks or other points to identify its locus other than the following:

College Peak bears S 49° 47' 30" E 8386 ft. distance measured with a 300 ft. steel tape,

60 ft well bears S 47° 43' 30" E 1134.4 ft. Point of intersection of El Paso + S. H.

R. R. and line 4-1 at 475 ft. from cor No. 1 bears N 74° 12' 30" W 2382 ft.

Four bars of 3/4 inch drill steel 3 ft long, set each 2 ft 11 ins. in bed rock bear respectively due east, west, north + south.

No other bearing monuments available



# FINAL OATHS FOR SURVEYS.

## LIST OF NAMES.

A list of the names of the individuals employed by Geo. O. 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 S. W. French et al.  
 known as the Tufa Plain Mining or Stone Quarry Claim  
 and showing the respective capacities in which they acted.

F. W. Keksis, Chairman.  
A. M. Howe, Chairman.  
 \_\_\_\_\_, Arman.  
 \_\_\_\_\_, Flagman.

## FINAL OATHS OF ASSISTANTS.

We, F. W. Keksis  
 and A. M. Howe, do solemnly swear that we assisted  
Geo. O. Clark, United States Deputy Mineral Surveyor, in marking the corners and  
 surveying the boundaries of the mining claim of S. W. French et al.  
 \_\_\_\_\_, known as the  
Tufa Plain Mining or Stone Quarry Claim, 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.

F. W. Keksis, Chairman.  
A. M. Howe, Chairman.  
 \_\_\_\_\_, Arman.  
 \_\_\_\_\_, Flagman.

Subscribed and sworn to by the above-named persons before me  
 this 7th day of June, 1902, 1

J. M. O'Connell  
 Notary Public in and for the County  
 of Cochise, Territory of Arizona.  
 My Commission expires Jan. 9 1904

(4-686.)

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 Territory, dated May 20th 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 S. H. French; H. A. Provat; W. H. Brophy; A. S. Harrington; H. H. Perkins; R. T. Cornell, known as the Tufa plain mining or stone quarry claim, situate in \_\_\_\_\_ Mining District, Cochise County, Arizona Territory in Section \_\_\_\_\_ Township No. 23 S., Range No. 28 E. Unsurveyed and designated as Survey No. 1669, 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 10th  
 day of June 1902

J. M. Cornell

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



(4-694.)

TITLE PAGE TO REPORT UNDER CIRCULAR "N" OF SEPTEMBER 23, 1882.

# REPORT

Under General Land Office Circular "N" of September 23, 1882, upon the Placer Mining

Claim known as the TUPA PLATH MINING OR STONE QUARRY CLAIM

....., claimed by

S. W. Branch et al

situate in..... Mining District,

Cochise..... County, Arizona Territory....., embracing

ONE HUNDRED and TWENTY

Situated on unsurveyed lands

in See approximately Town 23 S....., Range 28 E, G. & S. R. B. & M

Examination made June 1st 1882, 18 .. ,

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

(10733-1,000.) o 6--197

Claimants Address: - Bisbee, Cochise County, Arizona Territory

a The soil on this claim is derived from the decomposition of the volcanics embraced within its boundaries, a great deal also being the wash from College Peak; This wash is exposed to a depth of 60 ft. by the wells n<sup>o</sup> 3 & 4 and as taken from the Excavation n<sup>o</sup> 2 furnishes an excellent quality of fire clay -

A large amount of building stone which consists of volcanic tufa has been & is being extracted from Excavation n<sup>o</sup> 1, loaded directly onto the cars & is used in the construction of Smelters & buildings at Douglas and other places -

There is no timber on the claim, other than ~~the~~ heavy growth of mesquite at different places -

b no stream in the locality, water is derived from wells n<sup>o</sup> 1 & 2 -

A frame building facing n<sup>o</sup> 24' E 30 x 60 ft. bears from point on line 4-1 at 1700 ft from cor. n<sup>o</sup> 4 S 37° 54' W 645 ft -

c The surface & underground workings on this claim consist of:

Excavation for building stone, 200 ft. long n & s, 100 ft wide E & W. 20 ft. face on W side center of work bears from cor. n<sup>o</sup> 3 n 81° 19' E 730 ft

Excavation for fire clay 60 ft E & W. 30 ft. n. & s. average 10 ft. deep, center bears from point on line 4-1 at 1100 ft from cor. n<sup>o</sup> 4 n 73° 40' W 450 ft

Well 4 x 6 x 60 ft. bears from point on line 4-1 at 1050 ft from cor. n<sup>o</sup> 4 S 56° 41' W 350 ft

Well 4 x 6 x 60 ft. bears from point on line 4-1 at 1700 ft. from cor. n<sup>o</sup> 4, S 54° 14' W 660

The nearest post office to the claim is Douglas, a town of about 5000 inhabitants, located on the El Paso + S. W. R. R. where the route crosses the Mexican boundary about 12 miles distant.

There is a R. R. station located at the stone quarry on this claim.

e. There are no mines or lode deposits so far as known anywhere in this vicinity.

f. The facilities for transportation and the ease of extraction make this claim particularly valuable in this section where timber is scarce + the demand for building material extensive.

g. The works + expenditures made by the claimants for the development of the claim consist of such as are described under paragraph "c" of this report -

h. There are no mines, salt licks, salt springs or mill sites upon this claim.



CORROBORATIVE AFFIDAVIT UNDER GENERAL LAND OFFICE  
CIRCULAR "N" OF SEPTEMBER 23, 1882.

Territory of Arizona }  
County of Cochise } ss:

J. M. Kekie and A. W. Howe

being first duly sworn, severally depose and say that he is personally and well acquainted  
with the placer-mining claim of S.W. French et al

, known as the

Tufa Plain Mining or Stone Quarry Claim, situate in

\_\_\_\_\_ Mining District,

Cochise County, Arizona Territory, embracing 120.00 Acres

On unsurveyed lands, approximately

\_\_\_\_\_ in Township No. 25 S  
Gila & Salt River Base & Meridian

Range No. 23 E; and also with the character of all the land included

in said claim, and has been so acquainted for one year last

past; that his knowledge of said claim and land is derived from

personal inspection

\_\_\_\_\_ and is such as to enable him to

testify understandingly with regard thereto; that he has carefully read the foregoing

report of Geo. C. Clark, U. S. Deputy Mineral

Surveyor, and that to his own personal knowledge said report is in all respects true and

accurate.

J. M. Kekie  
A. W. Howe

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

this 10th day of June 1902, 18

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



Amended

Amended Location  
of  
This Claim Mining or Stone Quarry Claim

Know all men by these Presents:

That we the undersigned, all of Cochise County, Arizona, have this 10th. day of May 1902, amended, located & claimed, and by these presents do amend locate & claim, by right of original discovery and location & this additional & amended location certificate, in compliance with the building stone act of August 4th. 1892, the "Tufa Plain Mining or Stone Quarry Claim", containing 120 Acres in \_\_\_\_\_ Mining District, County of Cochise Territory of Arizona, and more particularly described as follows:-

Beginning at the N.E. cor., a stone monument situated about 500 ft. N. of the track of the El Paso & S.W.R.R., whence College Peak bears N 17° W .  
Thence S 55°45' W 1520 ft. to the N.W. cor., a mound of rocks, thence S 34°15' E 5960 ft. to a mound of rock, thence N 55°45' E 1520 ft. to a mound of rock, thence N 34°15' W 5960 ft. to place of beginning.

## LOCATORS:-

|             |                 |
|-------------|-----------------|
| S.W. French | F.L. Harrington |
| F.A. Provot | F.H. Perkins    |
| W.H. Brophy | R.P. Cornell    |

All by

William Adanson  
Authorized Agent:

Date of Original Location, Jan. 20th. 1902

Date of First Amendment April 22nd. 1902

Both recorded in the Office of the County Recorder of Cochise County at

Tombstone in Book 15. Pages No. 407 & 408 and Book \_\_\_\_\_ Page No. \_\_\_\_\_

Records of Mines respectively.

(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*

*October 18<sup>th</sup>, 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 *S. H. French et al.*

....., known as the

*Superior Plain Mining & Stone Quarry Claim*

situate in *Unorganized* mining district,

*Cochise* County, *Arizona Territory*

in Section *4*, Township No. *28 S.*, Range No. *28 E. (unsurveyed)*

....., designated as Survey No. *1667*

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

Surveyor, *June 1<sup>st</sup> & 3<sup>rd</sup>*, 1902, under my instructions dated

*May 20<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 Price*

U. S. Surveyor General for *Arizona*

Recorder's Office,  
TOMBSTONE, Cochise Co., Ariz.

Filed and recorded at request of

Geo. E. Clark

MAY 12 1909 A. D. 190

at 7 A

Book 21 Record of Mines

Pages 3  
Warrant

County Records

(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,

Terrebonne, Arizona

October 18<sup>th</sup>, 1902

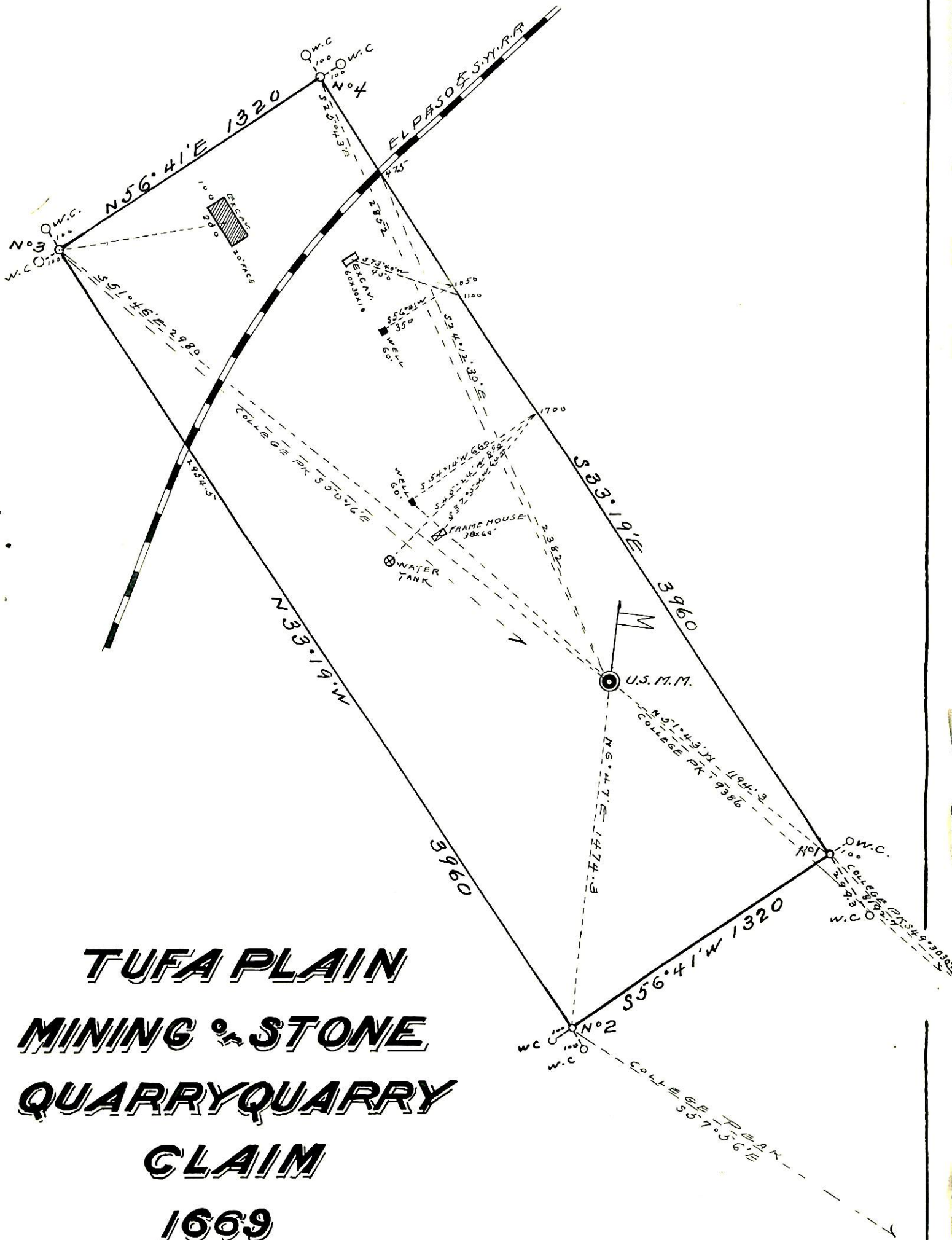
I, U. S. Surveyor General for the District of Arizona,  
do hereby certify that the foregoing and hereto attached Field Notes and Return of the  
Survey of the Mining Claim of S. W. French et al.

....., known as the  
Tejate Plain Mining & Stone Quarry Claim,  
situate in Unorganized mining district,  
Cochise County, Ariz. Territory,  
in Section 4<sup>th</sup>, Township No. 28 S., Range No. 28 E. (unsurveyed)  
....., designated as Survey No. 1667

executed by Geo. C. Clark, U. S. Deputy Mineral  
Surveyor, June 1<sup>st</sup> & 3<sup>rd</sup>, 1902., under my instructions dated  
May 20<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



**TUFA PLAIN  
MINING & STONE  
QUARRY QUARRY  
CLAIM**

**1669**  
500' = 1"

