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Partial return  
Rec'd 11/17/02

History in copy  
p. 2

(4-683.)

Mineral Survey No. 1724

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

Prescott

Land District.

FIELD NOTES

OF THE SURVEY OF THE MINING CLAIM OF

F. M. Murphy and Frank Kuhne

KNOWN AS THE

Mark Twain and Eighty Six  
Walker

Mining District,

Yavapai County, Arizona

Section 32 and 33, Township 13 N, Range 1 W.

Surveyed under instructions dated Nov. 5, 1902

by A. B. Mader

U. S. Deputy Mineral Surveyor.

Claim located M.T. Dec. 2, 1875 - E.S. Jan. 1, 1886 - 1

Survey commenced Nov. 7<sup>th</sup> 1902 - 1

Survey completed Nov. 8<sup>th</sup> 1902 - 1

# PRELIMINARY OATHS OF ASSISTANTS IN SURVEY OF MINING CLAIM.

~~J. J. Noel~~ and R. C. Morse  
 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~~ <sup>my</sup> skill and ability, and in accordance with instructions given ~~us~~ <sup>me</sup> in the survey of the Mining Claim of F. M. Murphy and

Frank Kuhne  
 known as the Mark Twain and Eighty Six rods  
 situate in walker mining district

Yavapai County, Arizona  
 in Section 32-33, Township No. 13 N, Range No. 1 W

....., Chainman.

R. C. Morse....., Chainman.

Subscribed and sworn to by the above-named persons before me this 7<sup>th</sup> day of Nov, 1902

*My Commission expires September 28, 1905.*

W. L. Bell  
 Notary Public.

I, ....., do solemnly swear that I will well and truly perform the duties of axman, 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.

....., Axman.

Subscribed and sworn to by the said .....  
 before me this ..... day of .....  
 190....

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 .....  
 190....

728

A pine tree, 24" diam. scribed B.T. 2.M.T.  
1724 bears  $N 60^{\circ} E$ , 30.5 ft.

An oak tree, 15" diam. scribed B.T. 2.M.T.  
1724, bears  $N 42^{\circ} W$ , 82.5 ft.

Thence  $N 26^{\circ} - 19' E$

30 Cross gulch, 3' wide, course  $S 75^{\circ} E$  bears  $N 70^{\circ} W$ .

440 Cross gulch, 12" wide, course  $S 70^{\circ} E$  bears  $N 80^{\circ} W$

885 Cross gulch, 12" wide, course  $S 75^{\circ} E$  bears  $N 75^{\circ} W$

922.9 Intersect section line between sec's 32 and  
33, Tp. 13 N, R. 1 W, at 1546.3 ft. due North  
of the standard cor. to sec's 32 and 33 and south

1390 To Cor. No. 3,  $\left\{ \begin{array}{l} 3738.7 \text{ ft. from cor. sec. 28, 29, 32 and 33.} \\ \end{array} \right.$

Identical with cor. of the location and with Cor. 2  
of the Eighty Six lode of this survey.

A granite stone 9" x 12" x 24" long set  
12" in the ground, chiseled B.M.T. 1724  
and built a mon. of stones 2 1/2' base  
and 3' high alongside.

A pine tree, 14" diam. scribed B.T. 2-E.S.  
1724, bears  $N 25^{\circ} E$ , 45.5 ft.

A Juniper tree 36" diam. scribed B.T.  
3 M.T. 1724, bears  $S 76^{\circ} W$ , 9 ft.

Thence  $S 80^{\circ} E$

down steep hill

300 To the North Center end.

Identical with the location and with  
the South center end of the Eighty Six lode  
of this survey.

A granite stone, 10" x 12" x 20" long, set  
10" in the ground to bedrock, chiseled  
N.C.E. - M.T. 1724, with a mon. of stones  
3' base x 3 1/2' high alongside.

An oak tree 9" diam. scribed B.T. N.C.E. M.T.  
1724, bears  $S 18^{\circ} - 48' E$ , 23.5 ft.

An oak tree, 16" diam. scribed B.T. N.C.E. M.T.  
1724, bears  $S 52^{\circ} - 45' E$  30.8 ft.

down rocky steep hill

500 Cross trail, bears  $N 10^{\circ} E$  and  $S 8^{\circ} W$ .

600 To Cor. No. 4

Identical with cor. of the location  
and with cor. No. 1 of the Eighty Six  
lode of this survey.

Survey No 1724

Mark Twain Lode

Feet

Beginning at Cor. No 1.  
 Identical with corner of the location.  
 A cross (+) on a granite rock in place, at the exact cor. point, rock is 3 ft. x 18 inches x 14" above the ground chiseled B-T-M.T. 1724 and is surrounded by a mon. of stones 2' base x 3' high whence the standard section corner of sec's 32 and 33, Tp. 13 N, R. 1 W, bears S 16°-28' W 641 feet.  
 A pine tree, 15" diam., scribed B.T. 1-M.T. 1724 - bears S 54°-20' E, 60.3 feet.  
 An oak tree, 9" diam., scribed B.T. 1-M.T. 1724, bears S 34°-8' W, 17 feet.  
 Thence N 80°-00' W

up rough hill

184.5 Intersect section line between sec's 32 and 33, Tp. 13 N, R. 1 W at point 646.8 ft. due North of the standard cor. to sec's 32 and 33 and South 4633.2 ft. from cor. sec's 28, 29, 32 & 33.

240 Cross gulch, diagonally, 4 ft. wide, course S 70° E bears N 75° W.

300 To the South Center End.  
 Identical with the location.

A granite rock in place, part of a ledge, 12" x 12" x 12" above ground, chiseled a cross (+) for exact cor. point and S.C.E - M.T. 1724 and built a mon. of stones 2' base and 2 1/2' high alongside  
 A pine tree, 28 in. diam. scribed B.T. S.C.E. M.T. 1724, bears S 53°-30' E, 21.2 ft.  
 An oak tree 15" diam. scribed B.T. S.C.E. M.T. 1724, bears N 55° W, 28 ft.

390 Recross gulch, diagonally, 4" wide

510 Recross gulch, diagonally, 3' wide bears N 75° W.

600 To Cor. No 2.

Identical with cor. of the location.  
 A granite boulder in place, 26" x 30" x 18" above ground, chiseled a cross (+) at exact cor. point and 2-M.T. 1724 and surrounded by a mon. of stones 2 1/2' base and 3' high.

Feet

A granite stone in place, 14" x 20" x 6" above ground, chiseled a cross (+) at the exact cor. point and 4-M.T. 1724, and raised a mon. of stones 2 1/2' base and 3' high alongside.

A Pine tree, 12" diam. scribed B.T. 1-E.S. 1724, bears N63° E, 50 ft.

An oak tree 10" diam, scribed B.T. 1 E.S. 1724, bears N7° W, 62 ft.

Thence S 26° - 19' W

- 530 Cross gulch, 2' wide, course S 80° E bears N 80° W
- 595 Cross wagon road, bears S 65° E and N 70° W
- 1015 Cross gulch, 2' wide, course S 80° E bears N 80° W
- 1390 To the place of beginning.

The variation at all the corners is 14° E.

Area = 18.375 Acres.

This claim is located in the Walker Mining District Yavapai Co. Arizona in sec's 32 and 33, T<sub>p</sub>. 13 N, R<sub>1</sub> W, G & S. R. M.

Adjoining Claims

On the N - the Eighty Six lode of this survey.

On the S - the "S. Co." lode, claimant unknown.

On the E - located claim, name unknown, D. L. Booker, claimant.

On the W - Grouse lode, unsurveyed, John Kilkeny and Frank Harner claimants, and U.S. public land.

Ledge

The course and length of the ledge of the Mark Twain lode is from the S.C.E, N 26° - 19' E 1390' to the N.E.E.

Survey 1724

6

Eighty Six Lode

Feet

- Beginning at Cor. N<sup>o</sup> 1.  
Identical with cor. of the location  
and with Cor. N<sup>o</sup> 4 of the Mark  
Twain lode of this survey.  
A granite stone in place, chiseled  
a cross at exact cor. point and  
I. E. S. 1724 - whence  
The standard corner to sec's 32  
and 33, Tp. 13 N, R. 1 W, bears  
S 23°-13' W, 2024.5 ft.  
Thence N 80°-00' W  
up steep hill
- 100 Cross trail bears N 10° E and S 8° W
- 300 To the South center end.  
Identical with the location and  
with the N. C. End of the Mark  
Twain lode of this survey.  
A granite stone, chiseled S. C. E.  
E. S., 1724.
- 600 To Cor. N<sup>o</sup> 2.  
Identical with cor. of the location  
and with Cor. N<sup>o</sup> 3 of the Mark Twain  
lode of this survey.  
A granite stone, chiseled 2 - E. S. -  
1724.  
Thence N 17°-27' E
- 125 Cross gulch, 12" wide, course N 65° E bears S 65° W
- 1190 Cross gulch, 2" wide, course S. E. bears N. W.
- 1330 Cross trail, bears N 10° W and S 40° E.
- 1500 To Cor. N<sup>o</sup> 3.  
Identical with cor. of the location.  
A granite stone, 13" x 16" x 26 inches,  
set 12" in the ground, chiseled 3 - E. S.  
1724, with a mon. of stones, 2 1/2' base  
and 3' high alongside  
A pine tree, 30" diam. scribed 3. E. S.  
1724 B. T., bears S 6°-27' E, 90 ft.  
No other bearings available.  
Thence S 80°-00' E  
down hill
- 300 To the North Center end.  
Identical with the location and

Feet

with the south center end of the Eighty Six Extension, unsurveyed, F. M. Murphy and Frank Kuhue Claimants. A granite rock in place, 22" x 30" x 12" above ground, chiseled a cross (+) at exact cor. point, and raised a mon. of stones 2 1/2' base and 3' high alongside.

490  
600

An oak tree 14" diam, scribed N.C.E. E.S. 1724, bears N48°W, 15.5 ft.

An oak tree 28" diam. scribed N.C.E. E.S. 1724, bears N33°-30'E, 36.5 ft.

Cross gulch 4' wide, course S.E. bears N.W. To Cor. No 4.

Identical with cor. of the location.

A diorite stone, 10" x 14" x 26", set 12" in the ground and chiseled 4-E.S. 1724 with a mon. of stones 2 1/2' base and 3' high alongside.

An oak tree, 9" diam, scribed 4-E.S. 1724, bears S41°-20'W, 41.5 feet.

An oak tree 12" diam. scribed 4-E.S. 1724, bears S45°E, 83.3 feet.

Thence S17°-27'W

60  
415  
1140  
1500

Cross gulch, 5' wide, course S80°E bears N60°W.

Cross gulch, 3' wide, course S80°E bears N85°W

Cross gulch, 4' wide, course E bears W.

To the place of beginning.

The variation at all the corners is 14° E.

Area = 20.487 Acres.

This claim is located in Walker Mining District, Yavapai Co. Arizona in Sec. 33, Tp. 13N, R. 1W, G. & S. R. M.

Adjoining Claims  
on the North - the Eighty Six Extension lode unsurveyed, F. M. Murphy and Frank Kuhue Claimants.



on the South - The Mark Twain lode of  
 this survey.  
 On the East, located claim, unknown.  
 On the west, Grouse lode, unsurveyed,  
 John KilKenny and Frank Harner  
 claimants and U.S. public land.

### Ledge

The course and length of the ledge  
 on the Eighty Six claim is from the  
 South center end  $N 17^{\circ} 27' E$ , 1500 ft. to  
 the North center end and is traceable by  
 crosspings.

Expenditure of Five Hundred Dollars.

I certify that the value of the labor and improvements upon these claims, placed thereon by the claimants and their grantors is not less than five hundred dollars per claim, and that said improvements consist of:

Mark Twain

Dis. Shaft. No 1, which bears from Cor. 4, S 82°-50' W, 324 feet and is 4' x 10' x 6' deep - Value \$ 100.00

Shaft. No 2, which bears from Cor. No 4 S 77°-40' W, 344 ft. and is 4' x 6' x 10' deep - 100.00.

Shaft. No 3 which bears from Cor. No 4 S 61°-45' W, 385 ft. and is 5' x 7' x 100' deep, timbered, with a drift bearing N 26° E, 4' x 6' x 40' long and a drift bearing S 25° W, 4' x 6' x 40' long. Value 2000.00

Shaft No 4, which bears from Cor. 4 S 56°-30' W, 705 ft., and is 5' x 7' x 50' deep. Value 500.00

Tunnel No 5 <sup>(mouth of)</sup> which bears from Cor. 4 S 54°-15' W, 760 feet and is 4' x 6' x 30' long with a course of S 26° W. An approach to tunnel is 8' wide x 25' long x 15' high. Value 400.00

Total for Mark Twain = \$ 3100.00

Eighty Six

Dis. Shaft. No 1, which bears from Cor. No 1 N 71°-15' W, 296 ft. and is 4' x 6' x 10' deep. Value \$ 100.00

Shaft No 2, which bears from Cor. No 1 N 24°-50' W, 360 ft. and is 4' x 6' x 30' deep and continues down, 2' x 2' x 10' deep to roof of Tunnel No 3. Value 300.00

(mouth of)  
 Tunnel No 3 which bears from Cor. No 1  
 N 11° 20' W 380 ft. and is 4' x 6' x 200' long -  
 Course is N 80° W for 25' then S 45° W. Value \$ 1500.00

Shaft No 4 which bears from Cor. No 1  
 N 1° 55' W 890 ft. and is 4' x 6' x 40' deep  
 Value 400.00

Shaft No 5 which bears from Cor. No 4  
 N 86° 15' W 250 ft. and is 4' x 6' x 20' deep  
 Value 150.00

Shaft No 6, which bears from Cor. No 4  
 N 81° 35' W 208' and is 4' x 6' x 20' deep  
 (caved in to 10' deep) Value 150.00

Total Value Eighty Six \$ 2600.00

Grand Total \$ 5700.00

This survey was made with a Gubley  
 Light Mountain Transit with Solar  
 attachment. The courses were de-  
 flected from the true meridian as  
 determined by solar observations.  
 The distances were measured with  
 a 200 ft. steel tape

A. B. Mader  
 U. S. Dep. Min. Surveyor.

# FINAL OATHS FOR SURVEYS.

## LIST OF NAMES.

A list of the names of the individuals employed by A. B. Mader  
 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 F. M. Murphy and Frank Kuhue  
 known as the Mark Twain and Eighty Six lodes  
 and showing the respective capacities in which they acted.

J. J. Noel, Chairman.  
R. C. Morse, Chairman.  
 \_\_\_\_\_, Axman.  
 \_\_\_\_\_, Flagman.

## FINAL OATHS OF ASSISTANTS.

~~I~~  
~~We~~ ~~J. J. Noel and R. C. Morse~~  
 and \_\_\_\_\_, do solemnly swear that ~~we~~ <sup>I</sup> assisted A. B.  
Mader, United States Deputy Mineral Surveyor, in marking the corners and  
 surveying the boundaries of the mining claim of F. M. Murphy  
and Frank Kuhue  
Twain and Eighty Six lodes, known as the Mark  
Twain and Eighty Six lodes, 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 ~~my~~ <sup>my</sup> 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.

\_\_\_\_\_, Chairman.  
R. C. Morse, Chairman.  
 \_\_\_\_\_, Axman.  
 \_\_\_\_\_, Flagman.

Subscribed and sworn to by the above-named persons before me  
 this 9th day of November, 1902

W. L. Bell  
 Notary Public

FINAL OATH OF U. S. DEPUTY MINERAL SURVEYOR

I, A. B. Mader, U. S. Deputy Mineral Surveyor, do solemnly swear that, in pursuance of instructions received from the United States Surveyor General for Arizona, dated Nov. 5, 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 F. M. Murphy and Frank Kuhn known as the Mark Twain and Eighty Six, situate in walker Mining District, Yavapai County, Arizona, in Section 32-33, Township No. 13 N, Range No. 1 W, G. & S. R. M. and designated as Survey No. 1724, 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.

A. B. Mader

U. S. Deputy Mineral Surveyor.

Subscribed and sworn to by the said A. B. Mader

U. S. Deputy Mineral Surveyor, before me Thomas E. Job, Notary Public in and for Yavapai County, Arizona this 11<sup>th</sup> day of November, 1902. My commission expires July 7, 1903.

Thomas E. Job,

Notary Public.

Affidavit of Five Hundred Dollars Improvements.

We, A. W. Edwards, and A. A. Drake

of lawful age, being first duly sworn according to law, depose and say: That we are acquainted with the "Mark Twain" and "Eighty Six" mining claims, situate in walker Mining district, Yavapai County, Arizona Territory, for which F. M. Murphy and Frank Kuhne

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.

A. W. Edwards

A. A. Drake

TERRITORY OF ARIZONA, }  
County of Yavapai } ss:

Sworn to and subscribed before me, this 2nd



day of December, 1902

J. M. Watson

9 47 21

"EIGHTY SIX"

LOCATION NOTICE.

Notice is hereby given that the undersigned in compliance with the requirements of the Revised Statutes of the United States has this day located and claim fifteen hundred linear feet along the course of this lead, lode or vein of mineral bearing quartz and three hundred feet in width on each side of the middle of said lead, lode or vein, situate in the Walker Mining District, County of Yavapai, A. T. and more particularly described as follows, to-wit:

Commencing at this notice and monument and running three hundred feet in a westerly direction to a stone monument; thence fifteen hundred feet in a northerly direction to a stone monument; thence six hundred feet in an easterly direction to a stone monument; thence fifteen hundred feet in a southerly direction to a stone monument; thence three hundred feet in a westerly direction to place of beginning. This claim is situated in Walker Mining District, Yavapai County, A. T. and is joined on the south end by F. Murphys "Mark Twain" mine and on the north end by Fred Zobel's Homestake mine, and shall be known as the EIGHTY SIX mine. Located on the first day of January, 1886.

Frank Kuhne.

Witness  
F. Zobel.

Filed and recorded at request of Frank Kuhne, Jan. 2nd, A. D. 1886, at 2:40 o'clock P. M., in Book 21 of Mines, pages 544 & 545, Records of Yavapai County, Arizona.

William Wilkerson,  
County Recorder  
By W. C. Foster,  
Deputy.

\*\*\*\*\*

Territory of Arizona,) :SS.  
County of Yavapai. )

I, P. J. FARLEY, 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 notice of location of "EIGHTY SIX" mining claim, as the same appears of record in my office in Book 21 of Mines, pages 544-545, Records of Yavapai County, Arizona.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my Official Seal, this 30th day of October, A. D. 1902.

P. J. Farley  
County Recorder  
By W. C. Foster  
Deputy Recorder.

"MARK TWAIN"LODE.

N O T I C E .

The undersigned have located and claimed fifteen hundred (1500) feet on this vein or ore of Silver and other precious metals, in Compliance with an Act of Congress of May 10, 1872, on mines. Commencing at the discovery shaft and running three hundred (300) feet west to a stake marked "N. W. corner"; thence south 1500 feet to a stake "S. W. Corner"; thence east 300 feet to a stake "S. E. Corner"; thence North 1500 feet to a stake "N. E. Corner"; thence west 300 feet to place of beginning. Situate lying on the Eastern slope of "Bald Mountain" nigh the base, and 3-4 of a mile west of the "Thunde,-Bolt" mill on Lynx Creek, being in the Walker Mining District, A. T.

To be known as the "MARK TWAIN" lode in the above named district.

Dated, Thunder-Bolt Mill Dec. 2nd, 1875.

Wm. M. Moore.

Filed for record December 11", 1875, at 12 1-2 o'clock P. M., at request of W. M. Moore, and duly recorded in Book C.3 of Mines, Records of Yavapai County, Arizona, at folios 486 & 487.

William Wilkerson,  
County Recorder.

\*\*\*\*\*

Territory of Arizona,)

:SS.

County of Yavapai. )

I, P. J. FARLEY, 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 notice of location of "MARK TWAIN" mining claim, as the same appears of Records in my office in Book C.3 of Mines, at pages 486-487, Records of Yavapai County, Arizona.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my Official Seal, this 30th day of October, A. D. 1902.

P. J. Farley  
County Recorder

By J. G. Walker  
Deputy 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

April 17<sup>th</sup>, 1903.

I, U. S. Surveyor General for Dist. of Arizona,

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

Survey of the Mining Claim of F. M. Murphy and

Frank Kuhne

, known as the

Mark Twain and Eighty Six

situate in Walker mining district,

Yavapai County, Arizona

in Section 32 & 33, Township No. 13 N., Range No. 1 W.

, designated as Survey No. 1724

executed by A. B. Mader, U. S. Deputy Mineral

Surveyor, Nov. 7-8, 1902, 18 , under my instructions dated

Nov. 5, 1902, 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

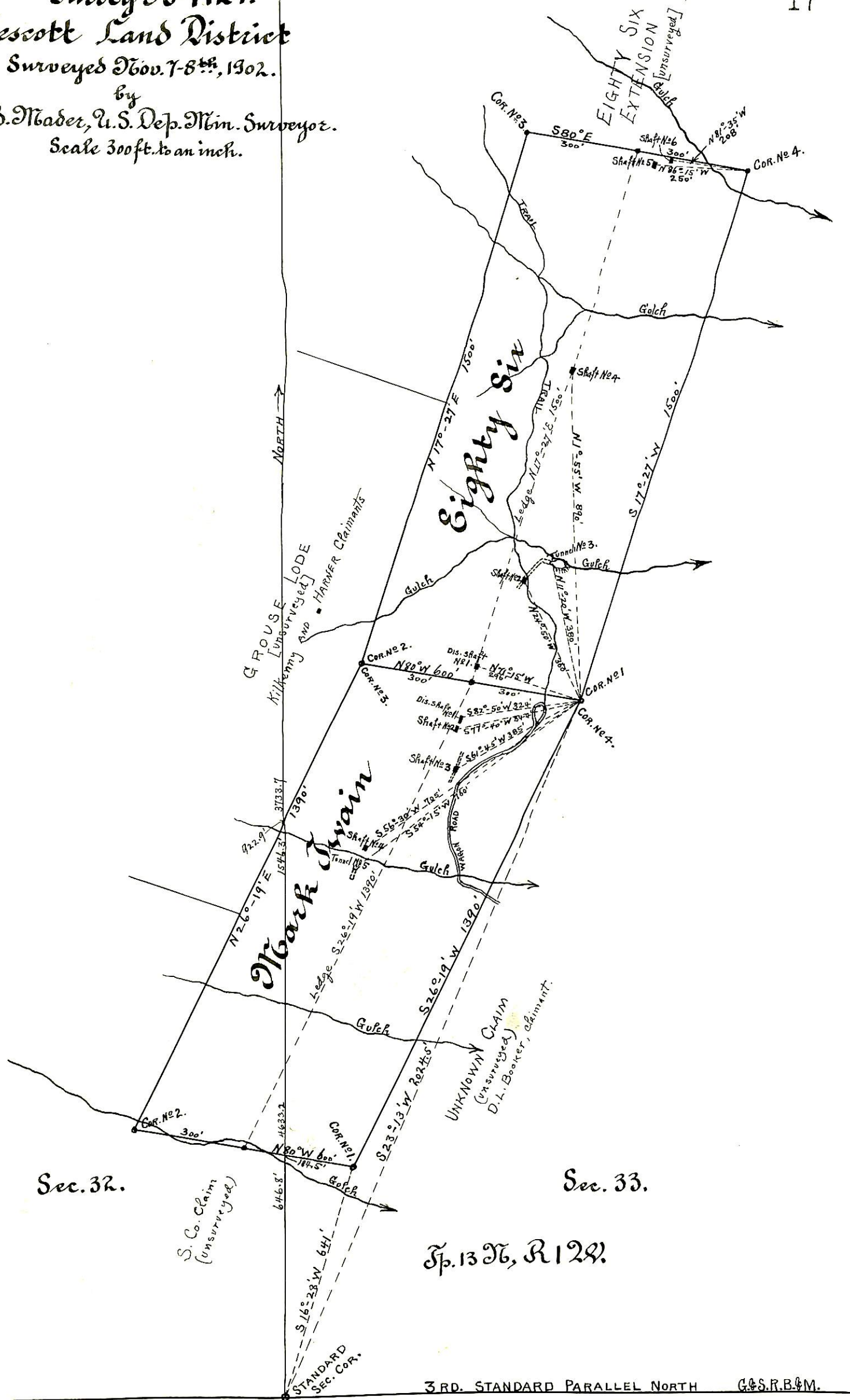
certificate filed by the applicant for survey is included in the field notes.

Hugh H. Pries

U. S. Surveyor General for Arizona

Survey No 1724.  
Prescott Land District  
Surveyed Nov. 7-8<sup>th</sup>, 1902.

by  
A. B. Mader, U. S. Dep. Min. Surveyor.  
Scale 300 ft. to an inch.



Sec. 32.

Sec. 33.

Tp. 13 N, R. 12 W.

Tp. 12 N, R. 12 W.