

4-683

MINERAL SURVEY No. 3933

Arizona Land District.

FIELD NOTES

OF THE SURVEY OF THE MINING CLAIM OF

Mary A. Keenan

KNOWN AS THE

F. L. Gillett lode

Meyers Mining District,

Pima County, Arizona.

Section 16, Township 14 S., Range 4 W.

Surveyed under instructions dated March 10, 1924

by T. N. Stearns.

U. S. Mineral Surveyor.

Claim located See location notice, 19

Survey commenced April 4, 1924

Survey completed April 5, 1924

Address of claimant John W. Hayes, Ajo, Ariz., Atty for claimant

DATES OF AMENDED LOCATIONS.

(Empty lines for amended locations)

Feet.	MINERAL SURVEY NO. 3933
	F.M. GILLETT Lode.
	Beginning at Cor. No.1, identical with Loc. Mon.
	An iron pipe 1 in. diam. with brass cap on top, 18 ins. above ground set 18 ins. in the ground, stamped 1 F M G-3933 with md of stone 3 1/2 ft. base by 3 ft. high alongside, whence the W. 1/4 Cor. Sec. 16, T. 14 S., R. 4 W. brs. S. 83° 37' W., 867.5 ft.
	No other bearings are available.
	Thence S. 76° 57' E. Va. 13° 30' E.
300.00	To N. end center, identical with Loc. Mon.
	A palo verde post 4 ins. diam by 4 ft. high, set firmly in the ground and surrounded with md of stones 3 1/2 ft. base by 3 ft. high, Scribed N. Cr. F.M. G.
600.00	To Cor. No. 2.
	An iron pipe 1 in. diam. with brass cap on top, 18 ins. above ground set 18 ins. in the ground, stamped 2 F M G- 3933 with md. of stone 3 1/2 ft. base by 3 ft. high alongside.
	Loc. Mon. brs N. 9 ° 39' E., 100 ft.
	No other bearings are available.
	Thence S. 9° 39' W. Va. 13° 30' E.
650.00	Road brs. northeasterly.
1500.00	To Cor. No.3, identical with Loc. Mon.
	An iron pipe 1 in. diam. with brass cap on top, 18 ins. above ground, set 18 ins. in the ground, stamped 3 F M G- 3933 with md. of stone 3 1/2 ft. base by 3 ft. high alongside.
	Cor. No.2 Sur. No.3934 Galena lode, claimant herein, brs.
	N. 40°36' E., 205.87 ft.
	U.S. L.M. No.1 brs. S. 50°34' E., 1784.6 ft.
	No other bearings are available.
	Thence N. 76° 57' W. Va. 13° 30' E.
150.00	Road brs. northeasterly.
300.00	To S. end center, identical with Loc. Mon.
	A palo Verde post 4 ins. diam. by 4 ft. high, set firmly in the ground and surrounded with md of stone 3 1/2 ft. base by 3 ft. high.



Feet.

## MINERAL SURVEY NO. 3933

F. M. Gillett Lode.

Scribed S. Cr. F.M.G.

600.00 To Cor. No. 4, identical with Loc. Mon.

An iron pipe 1 in. diam. with brass cap on top, 18 ins. above ground, set 18 ins. in the ground, stamped 4 F M G- 3933.

With md. of stone 3 1/2 ft. base by 3 ft. high alongside.

No bearings are available.

Thence N. 9° 39' E.

Va. 13° 30' E.

1500.00 To Cor. No. 1, the place of beginning.

---000---

## LODE LINES.

As near as can be determined from the present developments, the vein of the location embraced in this claim, extends as follows from its discovery point:-

380.0 ft. S. 9° 39' W., and 1120.0 ft. N. 9° 39' E. ✓

## AREA.

Total area F M Gillett lode: ----- Acres 20.625. ✓

The survey of this lode is identical with the location as staked upon the ground except as shown above. Foregoing

## LOCATION.

This survey is located in the W. 1/2 Section 16, T. 14 S., R. 4 W., G & S. R. M.

---00000---

## EXPENDITURE OF FIVE HUNDRED DOLLARS.

I certify that the value of the labor and improvements made upon or for the benefit of the location embraced in said mining claim by the claimant or her grantors is not less than five hundred dollars, and that said improvements consist of:

No. 1, the discovery shaft on the center line, 380 ft. from the center of line 3-4, 4 x 6 ft. 20 ft. deep.

Value \$200.00

No. 2, A cut, the mouth of which hrs. from Cor. No. 3 N. 25° W., 590 ft. 5 ft. wide 6 ft. face, running N. 76° W. 15 ft. to face.

Value \$ 80.00

No. 3, A shaft, the center of which hrs. from Cor No. 3 N. 32° 45' W.,



MINERAL SURVEY NO. 3933

F.M. GILLETT LODE.

EXPENDITURE OF FIVE HUNDRED DOLLARS -Cont'd.

515 ft. 4 x 6 ft. 10 ft. deep.

Value \$100.

No. 4. A cut, the mouth of which brs. from Cor. No. 3 N. 36° 15' W.,  
525 ft. 5 ft. wide 8 ft. face, running S. 66° W., 30 ft. to face.

Value \$150.00

No. 5 A shaft, the center of which brs from Cor. No. 3 N. 7° 30' W.,  
180 ft. 4 x 6 ft. 10 ft. deep.

Value \$100.00

No. 6 A shaft, the center of which brs. from Cor. No. 3 N. 33° W.,  
250 ft. 4 x 6 ft. 10 ft. deep.

Value. \$100.00

No. 7 A shaft, the center of which brs. from Cor. No. 3 N. 53° 45' W.,  
310 ft. 4 x 6 ft. 15 ft. deep.

Value \$150.00

No. 8 A shaft, the center of which brs. from Cor. No. 3 N. 59° 15' W.,  
365 ft. 4 x 8 ft. 8 ft. deep.

Value \$100.00

No. 9 A cut, the mouth of which brs. from Cor. No. 3 N. 71° 30' W.,  
335 ft. 5 ft. wide, 8 ft. face running N. 9° 30' E., 15 ft. to face.

Value \$100.00

INSTRUMENT.

This survey was made with a Gurley mountain transit, the courses were deflected from the true meridian, as determined by direct solar observations. The distances were measured with a 500 ft. steel tape.

REPORT.

The lode line of the location of this claim was run directly upon the ground, and the corners were established by running around the claims.

The W. 1/4 Cor. Sec. 15, T. 14 S., R. 4 W. consists of an iron pipe with brass cap on top, stamped 1/4 S. 16- S. 17.

U. S. M.M. No. 1 consists of a md. of stone about 4 1/2 ft. base by 4 ft. high. It has no post or markings. It is situated on the summit of the highest hill in the vicinity and was pointed out to



MINERAL SURVEY NO. 3933

REPORT + Cont'd.

me as the original monument.

ADJOINING CLAIMS.

On the east by the Sun Down lode, unsurveyed, Geo. Sayers, Claimant.

No other adjoining or conflicting claims known.

*do not include in transcript.*

SOLAR OBSERVATION.

Direct Solar observation taken Friday April 4 th. 1924 at 7:45 A.M.

Solar time. Sun bisected. - Lat. 32° 13' Lon. 112° 41'

Difference in time 3 h 15 m.

Apparent declination 5° 41' 48.1 " ✓

Dec'l =  $\frac{3' 12''}{5° 45' 00''}$  ✓

P = 90 - Dec'l = 84° 15'

L = 32° 13'

H = 25° 02'

P = 84° 15'

2) 141° 30'

S = 70° 45'

$$\sin \frac{1}{2} A = \sqrt{\frac{\sin(S-L)(S-H)}{\cos L \cos H}}$$

S-L = 38° 32' ✓

S-H = 45° 43' ✓

9.7944670 ✓

0.8548499 ✓

0.0726101 ✓

0.0428422 ✓

2) 19.7647692 ✓

9.8823846 = 49° 42' 30" = 1/2 A.

99° 25' ✓ = A

180° - 99° 25' = S. 80° 35' E. = Bearing of Sun.

Ang. to right - 90° 14'

S. 9° 39' W. = Bearing of line.

Set up at Cor. No. 2 F.S. to Cor. No. 1

*OK*

# FINAL OATHS FOR SURVEYS.

## LIST OF NAMES.

A list of the names of the individuals employed by T. N. Stevens

United States 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 \_\_\_\_\_

Mary A. Meehan

known as the F.M. Gillett lode

and showing the respective capacities in which they acted.

Martin Waer Jr., Chainman.

Chainman.

Asman.

Flagman.

## FINAL OATHS OF ASSISTANTS.

We, I, Martin Waer Jr.

and \_\_\_\_\_, do solemnly swear that <sup>I</sup>we assisted \_\_\_\_\_

T. N. Stevens, United States Mineral Surveyor, in marking the corners and surveying

the boundaries of the mining claim of Mary A. Meehan

known as the F.M. Gillett lode

represented in the foregoing field notes as having been surveyed by said 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.

Martin Waer Jr., Chainman.

Chainman.

Asman.

Flagman

Subscribed and sworn to by the above-named persons before me this 19th

day of April, 1924

My Commission Expires June 4, 1924

Rebel M. Sanders  
Notary Public



FINAL OATH OF U. S. MINERAL SURVEYOR.

I, T.N. Stevens, U. S. Mineral Surveyor, do solemnly swear that, in pursuance of instructions received from the United States Surveyor General for Arizona, dated March 10, 1924, 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 Mary A. Meenan, known as the F.M. Gillett lode, situate in Meyers Mining District, Pima County, Arizona, in Section 16, Township No. 14 S., Range No. 4 W., G. & S.R. M., and designated as Survey No. 5933, 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 her 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.

T. N. Stevens
U. S. Mineral Surveyor.

Subscribed and sworn to by the said T. N. Stevens
U. S. Mineral Surveyor, before me Isabel M. Gaudin
a Notary Public this 19th
day of April, 1924

Isabel M. Gaudin
Notary Public

My Commission Expires June 4, 1924

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

DEPARTMENT OF THE INTERIOR,  
OFFICE OF U. S. SURVEYOR GENERAL,

Phoenix, Arizona,

June 6, 1924.

I, U. S. Surveyor General for 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

Mary A. Meehan

, known as the F. M. GILLETT lode

, situate in Meyers

Mining District, Pima County,

, in Section 16, Township No. 14 S,

Range No. 4 W., and designated as Survey

No. 3933, 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 her grantors, and that said improvements consist of 6 shafts and 3 cuts, total value \$1080.

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 Phoenix, Arizona, is correct and in conformity with the foregoing Field Notes.

Charles M. Donohoe

United States Surveyor General for Arizona.



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

June 6, 1924

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

Mary A. Meehan

, known as the

F. M. GILLETT lode

situate in Meyers mining district,

Pima County, Arizona

in Section 16, Township No. 14 S., Range No. 4 W.

, designated as Survey No. 3933

executed by T. N. Stevens, U. S. Mineral

Surveyor, April 4 - 5, 1924, under my instructions dated

March 10, 1924, 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. The certified copy of the location certificate filed by the applicant for survey is

on file in this office and a true copy of said certified copy of said location certificate is included and

made a part of the transcript of the field notes.

Charles M. Doulos

U. S. Surveyor General for Arizona