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(4-683.)

Mineral Survey No. 1679

Lot No.

PRESCOTT Land District.

FIELD NOTES

OF THE SURVEY OF THE MINING CLAIM OF

ERSKINE M. ROSS.

KNOWN AS THE

VIVIAN LODE

SAN FRANCISCO Mining District.

MOHAVE County, ARIZONA

Section , Township 10 N., Range 20 W. 4. and S. R. M. of public surveys extended.

Surveyed under instructions dated June 10th, 1902.

by H. K. Wheeler, U. S. Deputy Mineral Surveyor.

Claim located May 14th, 1902.

Survey commenced June 21st, 1902.

Survey completed June 23th, 1902.

6-100

Address of Claimant, Room 7, German American Bank Bldg., Los Angeles, Cal.

SURVEY NO. 1679.

PERT.

V I V I A N L O D E.

Beginning at Cor. No. 1.

A pine post 3-1/2 ft. long, 4 ins. square, in mound of stone;  
Scribed V. 1--1679.

Whence U. S. L. M. No. 1679, bears N. 22°4' W. 5002.2 ft.

Cor. No. 6, Release Lode, Survey No. 1680, bears N. 24°1' W. 988.4 ft.

---THENCE S. 79° 51' E.---

1366 To Cor. No. 2.

A pine post 3-1/2 ft. long, 4 ins. square, in mound of stone;  
Scribed V. 2--1679.

---THENCE S. 10° 9' W.---

300 To easterly end center.

A pine post 3-1/2 ft. long, 4 ins. square, in mound of stone;  
Scribed V. E. E. C.--1679.

Whence discovery point bears N. 79° 51' W. 776 ft.

600 To Cor No. 3.

A pine post 3-1/2 ft. long, 4 ins. square, in mound of stone;  
Scribed V. 3--1679.

---THENCE N. 79° 51' W.---

1366 To Cor. No. 4.

A cross (x) chiseled on east face of porphyry bluff 12 ft. high.  
Cross 8 ft. below top of bluff.

Chiseled V. 4.--1679.

---THENCE N. 10° 9' E.---

300 To westerly end center.

A pine post 3-1/2 ft. long, 4 ins. square, in mound of stone;  
Scribed V. W. E. C.--1679. Whence discovery point bears S. 79°  
51' E. 590 ft.

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

Containing 18.82 Acres.  $\frac{1366 \times 600}{43560} = 18.82$

The vein extends N. 79° 51' W. <sup>590ft.</sup> and S. 79° 51' E. 776 ft.  
from discovery point.

3

NOTE

All corners of this survey are identical with the respective corners of the location.

Variation of the needle 14° E.

A substantial mound of stone of 4 ft. base, and filled with earth and gravel, surrounds each post on this survey. No bearings are available.

LOCATION.

This claim is located in T. 19 N. R. 20 W., G. and S. R. M., public surveys extended.

EXPENDITURE OF FIVE HUNDRED DOLLARS.

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

- 1- A tunnel 33 ft. long, course easterly, the portal of which bears from discovery point, N. 86-1/2° W. 110 ft. Value, \$400.
  - 2- A shaft, 41 ft. deep, which bears from discovery point, S. 42° E. 59 ft. Value, \$400.
  - 3- A tunnel 79 ft. long, course westerly, the portal of which bears from east end center, N. 91-1/2° W. 191 ft. Value, \$900.
- Total value, \$1700.-----

INSTRUMENT.

This survey was made with a Lietz Transit, No. 450, in good adjustment. The courses were deflected from the true meridian as determined by Solar observations made with a Saegmueller Solar attachment, and checked by observation on Polaris. The distances were measured with 100 ft. and 500 ft. steel tapes. All measurements closed and checked within the limit of error allowed by the manual of instructions.

*H. K. Wheeler*

U. S. Deputy Mineral Surveyor.

*Following Claims*  
*on the West side same unsurveyed, on the north, Clinax*  
*unsurveyed, and on the east, Excelsior, unsurveyed.*



DESCRIPTION OF U. S. L. M. NO. 1679.

U. S. L. M. No. 1679 is a pine post 8 ft. long, 6 ins. square, set in mound of stones 8 ft. base, 5 ft. high; and mound filled with small stones and gravel, solidly packed. The north side of post scribed U. S. L. M. No. 1679.

Drove a nail in top of post and nailed a 2" x 4" scantling, 16 ft. long, on side of post, with red and white flag on top of scantling.

This U. S. L. M. No. 1679 is located on the top of Leland Mountain, in T. 19 N. R. 20 W., G. and S. R. M. of public surveys extended, in San Francisco Mining District, Mohave County, Arizona.

It is impossible to sink the post more than 6 inches below the surface, owing to solid rock.

It is impractical to set a stone, owing to the rock being shattered, and for the same reason it is impractical to chisel a cross and No. on rock.

The nearest P. O. is Needles, California, a town of some 1000 to 1500 inhabitants; situated on the Main line of the Santa Fe Pacific R. R. on the west side of the Colorado river, about 18 miles distant by wagon road. Elevation of U. S. L. M. 2515 ft. above Needles or 2935 ft. above sea level.

From this U. S. L. M. No. 1679

- The water tank at Fort Mohave bears N. 32°45'W. about 12 miles.
- The S. E. Cor. of school house at  
Needles, California, bears S. 37°52'W. 16.42 miles.
- A black Mt. Peak, bears N. 50°10'W. about 1 mile.
- A high black Mt. Peak, bears N. 2° 11'E. about 30 miles.
- A red Mt. Peak, bears N. 19°0'E. about 10 miles.
- A sharp black Mt. Peak, bears N. 50°15'E. about 7 miles.
- A sharp red Mt. Peak, bears N. 30°47'E. about 4 miles.
- A lone black peak between two  
washes bears S. 47°02' E. about 5 miles.
- Boundary Cone peak, bears S. 14°25'E. 2.33 miles.
- A peak of "The Needles," bears S. 1° 6' W. about 30 miles.
- A black Mt. Peak, bears S. 37°23'W. about 1 mile.

*H. K. Wheeler*

U. S. Deputy Mineral Surveyor.

# FINAL OATHS FOR SURVEYS.

## LIST OF NAMES.

A list of the names of the individuals employed by HARRY K. WHEELER  
 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 ERSKINE M. ROSS  
 known as the VIVIAN LODE  
 and showing the respective capacities in which they acted.

William Scannell, Chairman.  
W. E. Ewing, Chairman.  
 \_\_\_\_\_, Axman.  
 \_\_\_\_\_, Flagman.

## FINAL OATHS OF ASSISTANTS.

We, William Scannell  
 and W. E. Ewing, do solemnly swear that we assisted  
HARRY K. WHEELER, United States Deputy Mineral Surveyor, in marking the corners and  
 surveying the boundaries of the mining claim of ERSKINE M. ROSS  
 \_\_\_\_\_, known as the  
VIVIAN LODE, 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.

William Scannell, Chairman.  
W. E. Ewing, Chairman.  
 \_\_\_\_\_, Axman.  
 \_\_\_\_\_, Flagman.

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

this 29<sup>th</sup> day of June, 1902.

My Commission Expires  
 on the 24<sup>th</sup> day of Dec. 1905

C. P. Compton  
 Notary Public



(4-686.)

FINAL OATH OF U. S. DEPUTY MINERAL SURVEYOR

I, HARRY K. WHEELER, U. S. Deputy Mineral Surveyor, do solemnly swear that, in pursuance of instructions received from the United States Surveyor General for ARIZONA, dated June 16 - 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 ERSKINE M. ROSS

known as the VIVIAN LODE, situate in San Francisco Mining District,

Mohave County, ARIZONA, in Section ---, Township No. 19 N., Range No. 20 W. G. & S. R. M. of Public Surveys Extended. and designated as Survey No. 1679, 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 his 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.

Harry K. Wheeler  
U. S. Deputy Mineral Surveyor.

Subscribed and sworn to by the said HARRY K. WHEELER

U. S. Deputy Mineral Surveyor, before me

this 29<sup>th</sup> day of June 1902, 18

C. J. Compton  
Notary Public.

My Commission Expires  
on the 2<sup>nd</sup> day of Dec. 1905

# AFFIDAVIT OF EXPENDITURES UPON MINING CLAIMS.

We, *William Scannell* and *W.E. Ewing*

being severally sworn, on oath depose and say: That we are citizens of the United States, and of the ~~State of California~~ <sup>Territory of Arizona</sup>; that we are well acquainted with the situation and character of the

Mining Claim known as the *VIVIAN LODE* Mine,

claimed by *ERSKINE M. ROSS*, located in *San Francisco* Mining

District, in *Mohave* County, ~~State of California~~ <sup>Territory of Arizona</sup> Township No. *19 N.*

Range No. *20 W.*, *Gila and Salt River* Base and Meridian surveyed

by *HARRY K. WHEELER*, U. S. Deputy Mineral Surveyor, in the month

of *June*, 1902; that the same is a *LODE* claim, containing *gold*

; that we have no financial interest in said Mining Claim; that we are conversant with the working of Mining Claims, and that to the best of our knowledge and belief the amount expended on said Mining Claim in labor and improvements by the said claimant... or

*his* grantors, is not less than *Five Hundred* dollars.

Said improvements consist of *Tunnels and Shaft*

*William Scannell*



*W. E. Ewing*



Subscribed and sworn to before me this *29<sup>th</sup>* day of

*June*, 1902

*C. F. Compton*  
*Notary Public*



11391b500-8-99

*My Commission Expires*  
*on the 24<sup>th</sup> day of December 1905*



MINER BOND

AMENDED LOCATION CERTIFICATE

VIVIAN.

TERRITORY of ARIZONA |  
COUNTY of MOHAVE | ss:

KNOW ALL MEN BY THESE PRESENTS, That Erskine M. Ross, the undersigned, have this 14th day of May, 1902, amended, located and claimed, and by these presents do amend, locate, and claim, by right of discovery and amended location, in compliance with the mining acts of Congress, approved May 10, 1872, and all subsequent acts, and with local customs, laws and regulations 1366 linear feet and horizontal measurement, on the Vivian lode, vein, ledge or deposit, along the vein thereof, with all its dips, angles and variations, as allowed by law, together with 300 feet on each side of the middle of said vein at the surface, so far as can be determines from present developments, and all veins, lodes, ledges or deposits, and surface ground within the lines of said claim 776 feet running S. 79° 51' E. from discovery post and 590 feet running N. 79° 51' W. from discovery post; said discovery post being situate upon said lode, vein, ledge or deposit, and within the lines of said claim in San Francisco mining district, County of Mohave, and Territory of Arizona, described by metes and bounds as follows, to wit:

Beginning at Corner No. 1, whence Cor. No. 6 of the Release location bears N. 24° 1' W. 988.4 feet, thence S. 79° 51' E. 1366 feet to Cor. No. 2, thence S. 10° 9' W. 600 feet to Cor. No. 3, thence N. 79° 51' W. 1366 feet to Cor. No. 4, thence N. 10° 9' E. 600 feet to Cor. No. 1 the place of beginning. This being the same lode originally located on the 3rd day of May, 1901, and recorded on the 24th day of June,

MINER BOND 1



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

I, Jno. P. Feeny, Recorder of Mohave County, Territory of Arizona, do hereby certify that I have compared the foregoing copy of Amended location certificate of the Vivian Mining Claim, and of the endorsement thereupon with the original records of the same on file in this office and that the same are correct transcripts therefrom and of the whole of said original records.

WITNESS my hand and the seal of said office this.

Sixth day of June, 1902.

Jno P. Feeny  
Recorder of Mohave County.





1901, in Book S, Page 57, in the office of the Recorder of Mohave County, Territory of Arizona. This claim is located South of Leland Mountain and the Leland group of locations and 2 miles North of Boundary Cone Mt. peak. This further and amended certificate of location is made without waiver of any previously acquired rights, but for the purpose of correcting any errors in the original location, description or record.

Date of amended location, May 14th, 1902.

Erskine M. Ross, (SEAL)

ATTEST.....

*Howard Living*



(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*  
*Sept. 18", 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 *Eskine M. Ross*.

....., known as the

*Vivian Lode*  
situate in *San Francisco* mining district,

*no have* County, *Arizona*

in Section ....., Township No. ...., Range No. ....

....., designated as Survey No. *1679*

executed by *H. K. Wheeler*, U. S. Deputy Mineral

Surveyor, *June 21<sup>st</sup> to 28<sup>th</sup>*, 1902., under my instructions dated

*June 16<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*



**MAP**  
**OR**  
**VIVIAN MINE**  
**MOHAVE COUNTY ARIZ.**  
**MINERAL SURVEY No. 1679.**

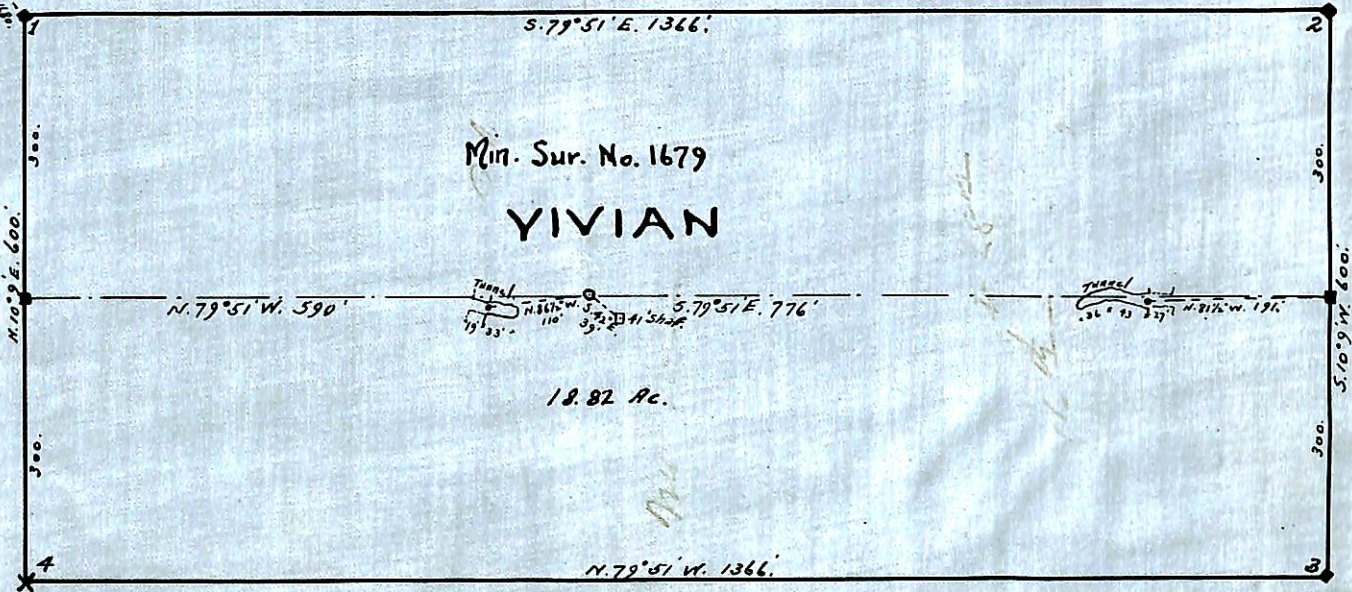
Surveyed June 1902 by  
 H. W. Wheeler,  
 U.S. Deputy Mineral Surveyor.

Scale: 200 ft. to an Inch.

*Arizona*  
 U.S. Survey No. 1413  
 1/2 Sec. 36 T. 33 N. R. 10 E. S. 36  
 1/2 Sec. 35 T. 33 N. R. 10 E. S. 35  
 1/2 Sec. 34 T. 33 N. R. 10 E. S. 34  
 1/2 Sec. 33 T. 33 N. R. 10 E. S. 33  
 1/2 Sec. 32 T. 33 N. R. 10 E. S. 32  
 1/2 Sec. 31 T. 33 N. R. 10 E. S. 31  
 1/2 Sec. 30 T. 33 N. R. 10 E. S. 30  
 1/2 Sec. 29 T. 33 N. R. 10 E. S. 29  
 1/2 Sec. 28 T. 33 N. R. 10 E. S. 28  
 1/2 Sec. 27 T. 33 N. R. 10 E. S. 27  
 1/2 Sec. 26 T. 33 N. R. 10 E. S. 26  
 1/2 Sec. 25 T. 33 N. R. 10 E. S. 25  
 1/2 Sec. 24 T. 33 N. R. 10 E. S. 24  
 1/2 Sec. 23 T. 33 N. R. 10 E. S. 23  
 1/2 Sec. 22 T. 33 N. R. 10 E. S. 22  
 1/2 Sec. 21 T. 33 N. R. 10 E. S. 21  
 1/2 Sec. 20 T. 33 N. R. 10 E. S. 20  
 1/2 Sec. 19 T. 33 N. R. 10 E. S. 19  
 1/2 Sec. 18 T. 33 N. R. 10 E. S. 18  
 1/2 Sec. 17 T. 33 N. R. 10 E. S. 17  
 1/2 Sec. 16 T. 33 N. R. 10 E. S. 16  
 1/2 Sec. 15 T. 33 N. R. 10 E. S. 15  
 1/2 Sec. 14 T. 33 N. R. 10 E. S. 14  
 1/2 Sec. 13 T. 33 N. R. 10 E. S. 13  
 1/2 Sec. 12 T. 33 N. R. 10 E. S. 12  
 1/2 Sec. 11 T. 33 N. R. 10 E. S. 11  
 1/2 Sec. 10 T. 33 N. R. 10 E. S. 10  
 1/2 Sec. 9 T. 33 N. R. 10 E. S. 9  
 1/2 Sec. 8 T. 33 N. R. 10 E. S. 8  
 1/2 Sec. 7 T. 33 N. R. 10 E. S. 7  
 1/2 Sec. 6 T. 33 N. R. 10 E. S. 6  
 1/2 Sec. 5 T. 33 N. R. 10 E. S. 5  
 1/2 Sec. 4 T. 33 N. R. 10 E. S. 4  
 1/2 Sec. 3 T. 33 N. R. 10 E. S. 3  
 1/2 Sec. 2 T. 33 N. R. 10 E. S. 2  
 1/2 Sec. 1 T. 33 N. R. 10 E. S. 1

CLIMAX (Unsurveyed)

Uncle Sam  
 (unsurveyed)



Excelsior (unsurveyed)