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MINERAL SURVEY No. 3804

Arizona Land District.

# FIELD NOTES

OF THE SURVEY OF THE MINING CLAIM OF

Ray Silver-Lead Mining Company

KNOWN AS THE

SAN FRANCISCO Lode.

Mineral Creek Mining District,

Pinal County, Arizona

Sections 17-18, Township 3 S., Range 14 E.

Surveyed under instructions dated September 1, 19 21

by I. N. Stevens  
U. S. Mineral Surveyor.

Claim located See location notice, 19

Survey commenced September 7 th, 19 21

Survey completed September 8 th, 19 21

Address of claimant's Agent John H. Page & Co. Attorneys,  
Phoenix, Arizona.

### DATES OF AMENDED LOCATIONS.

See location notice.

Feet

## MINERAL SURVEY No. 3804

## SAN FRANCISCO Lode.

Beginning at Cor. No. 1, identical with Loc. Mon.

A limestone rock 4 x 14 x 4 ins. above ground, set 12 ins. in the ground, chiseled with cross (x) 1-S F, 3804 with md. of stone 3 1/2 ft. base by 3 ft. high alongside. whence the 1/4 Cor. bet. Secs. 17 and 18 T. 3 S., R. 14 E. G. & S. R. M. brs. N. 24° 05' W., 209.13 ft.

No other bearings are available.

Thence N. 19° 15' E.  
Va. 13° 30' E.

280. Gulch brs. southeasterly.

300. To E. end center,

An oak 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.

Scribed E. Cr. S F.

310. Gulch brs. southeasterly.

600. To Cor. No. 2, identical with Loc. Mon.

A quartzite rock in place 14 x 22 ins. showing 2 ins. above ground chiseled with cross (x) 2- S F, 3804, with md. of stone 3 1/2 ft. base by 3 ft high alongside.

No bearings are available.

Thence N: 70° 45' W.  
Va. 13° 30' E.

210. Gulch brs. southeasterly.

298.17 Intersect Sec. line bet. Secs. 17 and 18 at N. 0° 12' E., 473.83 ft. from 1/4 Cor. and S. 0° 12' W., 2158.87 ft. from Cor. to Secs. 7-8-17 and 18.

315. Trail brs. southwesterly.

1500. To Cor. No.3, identical with Loc. Mon.

A limestone rock 12 x 12 x 10 ins. above ground, set 12 ins. in the ground, chiseled with cross (x) 3- S F, 3804, with md of stone 3 1/2 ft. base by 3 ft. high alongside.

No bearings are available.

Thence S. 19° 15' W.  
Va. 13° 30' E.

Feet.

MINERAL SURVEY NO. 3804.

SAN FRANCISCO Lode-Cont'd.

300. To W. end center.

A pine post 3 ins. sq. by 4 ft. high, set firmly in the ground and surrounded with md. of stone 3 1/2 ft. base by 3 ft. high.

Scribed W. Cr. S F.

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

A limestone rock 10 x 10 x 5 ins. above ground, set 12 ins. in the ground, chiseled with cross (x) 4- S F, 3804, with md. of stone 3 1/2 ft. base by 3 ft. high alongside.

No bearings are available.

Thence S. 70° 45' E.

Va. 13° 30' E.

1409.66 Intersect Sec. line bet. Secs. 17 and 18, T. 3 S., R. 14 E. at S. 0° 01' E., 161.14 ft. from 1/4 Cor. and N. 0° 01' W., 2487.86 ft. from Cor. to Secs. 17-18-19 and 20.

1500. To Cor. No. 1, the place of beginning.

LODE LINE.

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;

San Francisco Lode, S. 70° 45' E., 400 ft. and N. 70° 45' W., 1100.0 ft.

AREA.

Total area San Francisco lode-----	Acres 20.661
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This survey is identical with its original location, all corners of which were found in place.

LOCATION.

This survey is located in Secs 17 and 18 , T. 3 S., R. 14 E., G.&S.R.M.

EXPENDITURE OF FIVE HUNDRED DOLLARS.

I certify that the value of the labor and the improvements made upon or for the benefit of the location embraced in this claim, is not less than Five Hundred Dollars, and that said improvements consist of;

No. 1. The discovery tunnel, the mouth of which being the discovery point is on the center line, 400 ft. from the center of line 1-2

MINERAL SURVEY NO. 3804.

EXPENDITURE OF FIVE HUNDRED DOLLARS-Cont'd

4 1/2 x 6 ft. running N. 56° W., 45 ft., thence N. 68° W., 130 ft. to  
winze 4 x 6 ft. 20 ft. deep, thence N. 68° W., 40 ft. to face.

Total Value \$2350.0

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 this claim was run directly upon the ground, and the corners were established by running around the claim.

All tie lines were run directly upon the ground.

The Cor. to Secs 7-8-17 and 18, and the Cor. to Secs 17-18-19 and 20 consist of iron pipe showing about 2 ft. above ground, with brass caps on top stamped with the number of the sections and T. 3 S., R. 14 E.

The 1/4 Cor. Bet. Secs. 17 and 18 consist of an iron pipe showing about 2 ft. above ground and stamped 1/4 S. 17- S.18 on brass cap.

There being no Notary Public available within a long distance, a great delay expense and inconvenience would result from strict compliance with the rule. I therefore proceeded to administer the necessary oath.

ADJOINING CLAIMS.

This Survey is adjoined on the North by the Laura C lode, on the East by the Parnell lode, on the South by the Butler lode, and on the West by the Summit<sup>No. 2</sup> lode, all unsurveyed and belonging to claimant herein.

There are no other adjoining or conflicting claims.

do not include in transcript.  
MINERAL SURVEY NO . 3804

SOLAR OBSERVATION.

Direct Solar Observation taken Wednesday, September 7 th. at  
1.51 P M. Solar Time. Sun bisected.

Lat. 33° 09' Lon. 110° 57'

Difference in time 9 h 15 m

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

Apparent declination- 6° 10' 47" ✓

8' 39" ✓

Dec'l = 6° 02' 08" ✓

$$\frac{90^\circ - 6^\circ 02' 08''}{83^\circ 58' = P.$$

L=33° 09'

H=52° 24'

P=83° 58'

$$2) \frac{169^\circ 31'}{84^\circ 45' 30'' = S}$$

S-L=51° 36' 30" ✓

S-H=32° 21' 30" ✓

0.8941963 ✓

9.7285264 ✓

0.0771491 ✓

0.2145668 ✓

$$2) \frac{19.9144386}{9.9572193 = 64^\circ 59' = \frac{1}{2} A}$$

129 58' = A

180°

129° 58'

S. 50° 02' W. Course of Sun

30° 51' Ang. to left from Sun.

S 19° 11' W. ✓ Course of line

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

# 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

Ray Silver-Lead Mining Company

known as the SAN FRANCISCO Lode.

and showing the respective capacities in which they acted.

C. A. Townsend, Chainman.

Chainman.

Arman.

Flagman.

## FINAL OATHS OF ASSISTANTS.

~~We~~, I, C.A. Townsend

~~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 Ray Silver-Lead Mining Company

known as the SAN FRANCISCO 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.

C. A. Townsend, Chainman.

Chainman.

Arman.

Flagman.

Subscribed and sworn to by the above-named persons before me this 14 th

day of September, 19 21

T.N. Stevens  
U.S. Mineral Surveyor

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 September 1, 1921, 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 Ray Silver-Lead Mining Company, known as the SAN FRANCISCO lode, situate in Mineral Creek Mining District, Pinal County, Arizona, in Sections 17-18, Township No. 3 S., Range No. 14 E., and designated as Survey No. 3804, 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 its 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. Landers a
Notary Public this 12th
day of October, 1921

My Com. Expires June 4 1924
Isabel M. Landers
Notary Public

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

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

Phoenix, Arizona,

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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

Ray Silver-Lead Mining Company

, known as the San Francisco Lode

, situate in Mineral Creek

Mining District, Pinal County,

Arizona, in Sections 17 & 18, Township No. 3 S.,

Range No. 14 E., and designated as Survey

No. 3804, 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 its grantors, and  
that said improvements consist of 1 tunnel and winze, total value  
\$2350.

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.

Frank P. Trott

United States Surveyor General for Arizona.



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.

November 28, 1921.

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

Ray Silver-Lead Mining Company

, known as the

SAN FRANCISCO Lode

situate in Mineral Creek mining district,

Pinal County, Arizona

in Sections 17 & 18, Township No. 3 S., Range No. 14 E.

, designated as Survey No. 3804

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

Surveyor, September 7 - 8, 1921, under my instructions dated

September 1, 1921, have been critically examined and the necessary cor-

rections 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.

[Handwritten signature]

U. S. Surveyor General for Arizona.