

JUL 23 1915

AUG 20 1916

4-683.

MINERAL SURVEY No. 3198

LOT No. _____

Arizona

Land District.

FIELD NOTES

OF THE SURVEY OF THE MINING CLAIM OF

TOM REED GOLD MINES COMPANY

KNOWN AS THE

Red Cloud

San Francisco

Mining District,

Mohave

County,

Arizona

Sections 14 and 15, Township 19 N., Range 20 W. Unapproved
G. & S.R.B. & M.

Surveyed under instructions dated June 11, 1915

by Edward L. Haff

U. S. Deputy Mineral Surveyor.

Claim located (See location notice), 19

Survey commenced July 1-1915, 19

Survey completed Nov. 23-1915, 19

6-822

Address of Claimant

N. P. Moerdyke, Atty.,
Security Bldg., Los Angeles, Calif.

Mineral Survey No.3198

Feet

Red Cloud ~~lode.~~

Beginning At Cor No.1

On line 4-5 Sur.No.3188 Red Cloud Extension lode, United Eastern Mining Company, claimant, at N.42°56'E-40 ft. from Cor.No.4.

A pine post 4 ft.long, 4 ins.square, set 18 ins.in the ground, with mound of earth and stone, a nail at corner point, scribed R.C. 1-3198, whence,

U.S.L.M. No.1602 bears S.51°08'35"W.-5690.66 ft.

No bearing objects available.

Thence N.42°56'E.

58.94 Intersect line 2-3 Sur.No.3188 Standard lode, at N.39°44'W.828.69 ft.from Cor.No.2 and S39°44'E.-354.75 ft. from Cor.No.3.

65.00 Wagon road, course northwest and southeast.

282.34 South End Center of Sur.No.3188, Red Cloud Extension lode.

301.87 North End Center.

A pine post 4 ft.long, 4 ins.square, set 18 ins.in the ground, with mound of earth and stone, a nail at center point, scribed N.End C.-R.C.-3198

603.74 To Cor.No.2.

Identical with Cor.Nos.5-3-2-of Sur.No.3188, Red Cloud Extension, ~~Sunset~~ and Great Western and Consolidated lodes, respectively.

A pine post 4 ft.long, 4 ins.square, set 18 ins.in the ground, with mound of earth and rock, scribed R.C. Ext.-5-3-G.W.-3-C-2-3188-R.C.-2-3198.

No bearing objects available.

Thence S.40°35'E:

Along line 2-3 Sur.No.3188, Consolidated lode.

742.78 Intersect line 2-3 Sur.No.3188 Sunset lode, at ~~S.32°51'E.~~ 771.00 from Cor.No.2 and N.32°51'W.-670.3 ft.from Cor.No.3.

Feet	
1388.55	<p>Cor. No. 3 Sur. No. 3188, Consolidated lode, also intersect line 3-4 and 1-2 of Sur. No. 3188 Consolidated and Sunrise lodes, respectively at N. 37° 52' E. - 92.06 ft. from Cor. 3-2 and S. 37° 52' W. - 419.32 ft. from Cor. No. 4, and 502.10 ft. from Cor. No. 1, of said lodes respectively.</p>
1500.00	<p>To Cor. No. 3.</p> <p>A pine post 4 ft. long, 4 ins. square, set 18 ins. in the ground, with mound of earth and rock, a nail at corner point, scribed R. C. -3-3198, whence,</p> <p>W. 1/4 Cor of Sec. 14, unapproved, T. 19 N., R. 20 W. G & S. R. B and M. bears N. 1° 15' 26" W. - 906.60 ft.</p> <p>Cor. Nos. 5-2-3 of Sur. No. 3188 Tom Reed Extension Sunrise and Consolidated lodes, respectively, bears N. 84° 42' W. - 129.57.</p> <p>No bearing objects available.</p> <p>Thence S. 42° 56' W.</p>
74.64	<p>Intersect line 4-5 and 2-3 of Sur. No. 3188 Tom Reed Extension and Sunrise lodes respectively, at N. 49° 34' W. - 1596.89 ft. from Cor. Nos. 4-3 and S. 49° 34' E. - 102.71 ft. from Cor. Nos. 5-2.</p>
301.87	<p>South End Center.</p> <p>A pine post 4 ft. long, 4 ins. square, set 18 ins. in the ground, with mound of earth and stone, scribed R. C. S. End C-3198.</p>
330.00	<p>Wagon road, course northwesterly and southeasterly.</p>
549.51	<p>Intersect line 2-3 of Sur. No. 3188 Tom Reed Extension No. 2 lode, at S. 41° 14' E. - 671.97 ft. from Cor. No. 2. and N. 41° 14' W. 841.43 ft. from Cor. No. 3. 48.87 ft. from its intersection with line 5-1 Sur. No. 3188 Tom Reed Extension lode.</p>
603.74	<p>To Cor. No. 4.</p> <p>A pine post 4 ft. long, 4 ins. square, set 18 ins. in the ground, with mound of earth and stone, a nail at corner point, scribed R. C. 4-3198, whence,</p> <p>Cor. Nos. 2-2-Sur. No. 3188, Tom Reed Extension No. 2 and Standard lodes bears N. 36° 40' 50" W. - 679.63 ft.</p> <p>No bearing objects available.</p>

Mineral Survey No.3198.

3

Feet

Thence N.40°35'W.

42.59 Intersect line 5-1, Sur.No.3188, Tom Reed Extension lode at S.36°19'W.-523.31 ft.from Cor.No.5 ~~and N.36°19'E.-76.00 ft.from Cor.No.1.~~ and 54.75 ft.from its intersection with line 2-3 Sur.No.3188 Tom Reed Extension No.2 lode.

668.64 Intersect line 1-2 Sur.No.3188 Tom Reed Extension No.2 and Standard lodes at ~~N.37°55'E. 541.77 ft.from Cor.No.1 and S.37°55'W.-47.21 ft.from Cor.No.2+2~~

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

Variation at all corners 14°30'E.

Lode Lines.

As near as can be determined from present developments the vein embraced in this claim extends from the discovery point 750 ft. S.40°35'E. and 750 ft. N.40°35'W.

Area,

Total area Red Cloud Lode 20.657 Acs. ✓

Area in conflict with Sur.No.3188, Tom Reed Extension lode, 0.872 Acs. ✓

Sur.No.3188 Tom Reed Extension No.2 lode, 0.771 " ✓

Sur.No.3188 Tom Reed Extension No.2 lode exclusive of its ^{common} conflict, 0.56 Acres with Sur.No.3188, Tom Reed Extension lode, 0.715 " ✓

Sur.No.3188 Standard lode, 0.998 " ✓

Sur.No.3188 Sunrise lode, 0.203 " ✓

Sur.No.3188 Sunset lode, 0.669 " ✓

The survey of this lode is identical with the amended location as staked upon the ground.

Location.

This survey is located in the S.W.1/4 of Sec.14 and the E.1/2 of Sec.15, unapproved, T .19 N.,R.20 W. G.& S.R. B and M. San Francisco Mining District, Mohave County, Arizona.

Adjoining Claims.

On the North, Sur.No.3188, Consolidated, Sunset and Sunrise lodes.

On the East, Sur.No.3188 Sunrise, Tom Reed, Exten-

sion and Tom Reed Extension No. 2 lodes.

On the South, Sur. No. 3188, Tom Reed Extension, Tom Reed Extension No. 2 and Standard lodes.

On the west Sur. No. 3188, Standard, Red Cloud Extension and Great Western lodes.

The United Eastern Mining Company, claimant to all of said lodes.

Expenditure of Five Hundred Dollars.

I certify that the value of the labor and improvements on this claim made upon or for the benefit of this claim by the claimant or its grantors is not less than Five Hundred Dollars, and that said improvements consist of:

No. 1 The Discovery, on outcrop at location post, on lode line 750 ft. from the N.E. Cen.
No. 2 The discovery cut, the mouth of which is on the

lode line at S. 40° 35' E. - 715 ft. from the North End Center 4x20 ft. 6 ft. face, running north in altered mineralized andesite and quartz.

Value \$ 75.00

No. 3 A cut, the mouth of which bears from the North End Center S. 38° 30' E. - 733 ft. 4x45 ft. 10 ft. face, running S. 65° 25' W. At face a tunnel 4x6 ft. 10 ft. long runs S. 65° 25' W. Both cut and tunnel are in altered mineralized andesite and quartz.

Value Cut and Tunnel \$ 325.00

No. 4 A shaft, 4x6 ft. 10 ft. deep, which bears from the North End Center S. 34° 15' E. - 713 ft. in altered mineralized andesite and quartz.

Value \$ 50.00

No. 5 A shaft 3x4 ft. 5 ft. deep, which bears from the North End Center S. 32° 20' E. - 679 ft. in altered mineralized andesite and quartz.

Value \$ 20.00

No. 6 A cut, the mouth of which bears from the North End Center S. 32° 55' E. - 603 ft. 6x27 ft. 10 ft. face, running S. 12° 20' E. At face a tunnel 4x6 ft. runs S. 40° E. - 44 ft. Both cut and tunnel are in altered mineralized andesite

and quartz.

Value of cut and tunnel \$ 575.00

No.7

A shaft, which bears from the North End Center S.33°55' E-818 ft.4x7 ft.60 ft.deep, ~~is~~ timbered, in altered mineralized andesite and quartz.

Value \$ 750.00

No.8

A cut, the mouth of which bears from the North End Center S.38°20'E.-810 ft.21x33 ft.13 ft.face in altered mineralized andesite and quartz.

Value \$ 400.00

No.9

A cut, the mouth of which bears from the North End Center S.16°40'E.-399 ft.4x50 ft.9 ft.face running N.53°20'E. From face of cut a tunnel, 4x6 ft.runs N.53° 20'E.-30 ft.

Both cut and tunnel in altered mineralized andesite and quartz.

Value of cut and tunnel \$ 700.00

No.10

A cut, the mouth of which bears from the North End Center S.27°45'E.-342 ft. 3x28 ft.9ft.face, running N.59°40'E. in altered mineralized andesite and quartz.

Value \$ 140.00

No.11

A shaft, which bears from the North End Center S. 30°10'E.306 ft.4x8 ft.10 ft.deep, timbered, in altered mineralized andesite and quartz.

Value \$ 50.00

No.12

A shaft, which bears from the North End Center ^{148ft} S.6°35'E.-4x6 ft.60 ft.deep, timbered, in altered mineralized andesite and quartz.

Value \$ 700.00

~~Other Improvements.~~

~~None.~~

Instrument

This survey was made with a C.L.Berger & Sons Np.2 Transit, the courses were deflected from the true meridian as determined by direct solar and polaris observations taken on the ground.

The distances were measured with 100 and 500 ft.

steel tapes.

Report.

All lines and ties in this survey were run direct on the ground and the courses and distances found to be as herein stated.

U.S.L.M.No.1602 is a basalt stone 8x15x14 ins. above ground, properly set, chiseled with cross (X) on top and U.S.L.M. 1602 on the south face.

The E.1/4 Cor.to unapproved Sec.15 T.19 N.,R.20 W. G.& S.R. B and M. is a 1 in.iron pipe with a brass cap, properly set and marked.

All corners of Sur.No.3188 Tom Reed Extension, Tom Reed Extension No.2,Standard, Red Cloud Extension, Sunrise, Sunset, Great Western and Consolidated lodes are pine posts 4 ins.square, properly set and marked.

The location post is 4 ins. square, 3 ft.high in monument of rock to which is attached the location notice and is the discovery point of this lode, though the discovery work is done on the lode 35 ft.northwesterly from the location post.

The differences between these field notes and the ~~additional and amended~~ location certificate with reference to the courses of the lode and boundary lines, the length of the end lines and the ties, are due to errors in the latter.

FINAL OATHS FOR SURVEYS.

LIST OF NAMES.

A list of the names of the individuals employed by Edward L. Haff

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.....

Tom Reed Gold Mines Company

known as the Red Cloud

and showing the respective capacities in which they acted.

R.L.D'Arcy....., *Chainman.*

....., *Chainman.*

....., *Arman.*

....., *Flagman.*

FINAL OATHS OF ASSISTANTS.

~~We~~ I R.L.D'Arcy

and....., do solemnly swear that we assisted.....

....., United States ~~Deputy~~ Mineral Surveyor, in marking the corners and surveying

the boundaries of the mining claim of Tom Reed Gold Mines Company

known as the Red Cloud

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

R.L.D'Arcy....., *Chainman.*

....., *Chainman.*

....., *Arman.*

....., *Flagman.*

Subscribed and sworn to by the above-named persons before me this 21st.

day of December 1905.

Jacob Shefferd
Notary Public

*(My Commission expires
June 28th, 1919)*

FINAL OATH OF U. S. ~~DEPUTY~~ MINERAL SURVEYOR

I, Edward L. Haff, U. S. ~~Deputy~~ Mineral Surveyor, do solemnly swear that, in pursuance of instructions received from the United States Surveyor General for Arizona, dated June 11-1915, 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 Tom Reed Gold Mines Company, known as the Red Cloud, situate in San Francisco Mining District, Mohave County, Arizona, in Sections 14 and 15, Township No. 19 N., Range No. 20 W. Unapproved G. & S. R. B. & M. and designated as Survey No. 3 1 9 8, 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.

Edward L. Haff
 U. S. ~~Deputy~~ Mineral Surveyor.

Subscribed and sworn to by the said Edward L. Haff
 U. S. ~~Deputy~~ Mineral Surveyor, before me a Notary Public in and for
Mohave County, Arizona this 21st.
 day of December 1915,

Judith Sheffield
 Notary Public

*(My commission expires
 June 28th, 1919)*

ADDITIONAL AND AMENDED LOCATION NOTICE

MINERAL CLAIM

Know all men by these presents:-

That the Tom Reed Gold Mines Company, has this 8th day of May 1915 amended, located and claimed, and by these presents does amend, locate, and claim by right of the original discovery and this additional and amended location certificate, in compliance with the provisions of the laws of the United States Of America and of the laws of the State Of Arizona and of local customs and regulations, 1500 linear feet, horizontal measurement, on the Red Cloud lode, vein, ledge or deposit, along the strike 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 determined from present developments, and all veins, lodes, ledges, or deposits and surface ground within the lines of said claim, 750 feet running N - 15 W from the discovery post, at which this notice is placed and 750 feet running S 40 - 15 E from discovery post, said discovery post marking the original discovery and being situated upon said lode, vein, ledge, or deposit and within the lines of said claim in San Francisco Mining District, County of Mohave, and State of Arizona.

The surface boundaries of said claim are marked upon the ground and described by metes and bounds as follows, to Wit:- Beginning at the location post, at which this notice is placed, which bears N-18-46-E 889.2 feet from the N.E corner of Olla Oatman Claim, Patent survey No. 2610, Thence N 40-15 W 750 feet to N.W.End Center Post, Thence N.43-13 E-301.9 feet to corner post No. 1, Thence S-40-15 E- 1500 feet to corner post No. 2, Thence S-43-13 W.301.9 feet to S.E.End Center Post which bears S-40-15 E- 750 feet from location post, Thence S 43- 13 W- 301.9 feet to corner post No3, Thence N 40-15 W-1500 feet to corner post No.4, Thence N 43-13 E- 301.9 feet to N.W.End Center Post, This being the same lode originally located by George Hartman, Citizen of the United States of America on the 20th day of October 1903, recorded on the 12th day of January 1904 in Book U Page 587 of Mining Records in the office of the County Recorder of Mohave County, Arizona, and amended on the 12th day of June 1912, and recorded on the 13th day of June 1912, in Book D.D. of Mines Pages 635-636, Records of Mohave County, Arizona, This further additional amended certificate of location is made without a Waiver of any previously acquired rights, but for the purpose of correcting any errors in the original and amended location, description or record.

Dated May 8, 1915

Tom Reed Gold Mines Co.,
By S. S. Jones
Agent.



Filed and Recorded at request of S. S. Jones May 8th A. D. 1915 at 2 o'clock P. M. in Book I.I. of Mines, Pages 86-87, Records of Mohave County, Arizona.

J. W. Morgan
County Recorder.

For certificate of Co. Recorder See Sur 3199

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

Department of the Interior,

OFFICE OF U. S. SURVEYOR-GENERAL,

Phoenix, Arizona,

April 4, 1916

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 TOM REED GOLD MINES COMPANY

known as the RED CLOUD.

situate in SAN FRANCISCO

Mining District, MOHAVE County, ARIZONA.

in Sections 14 and 15, Township No. 19 N., Range No. 20 W., unapp'd, and designated as Survey No. 3198, 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 6 cuts, 3 tunnels and 5 shafts, total value \$3785.

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.

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 4, 1916.

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

TOM REED GOLD MINES COMPANY

known as the

RED CLOUD

situate in SAN FRANCISCO mining district,

MOHAVE

County,

ARIZONA.

in Sections 14 and 15, Township No. 19 N., Range No. 20 W., unapp'd

designated as Survey No. 3198

executed by Edward L. Haff, U. S. ~~Deputy~~ Mineral

Surveyor, July 1-November 23, 1915, under my instructions dated

June 11, 1915, 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. A true copy of the copy of the location certificate filed by the applicant for

survey is included in the field notes.



U. S. Surveyor-General for Arizona.