

Oct 28 1919

4-683

MINERAL SURVEY No. 3627

Arizona Land District

FIELD NOTES

OF THE SURVEY OF THE MINING CLAIM OF

Tango Gold Mining Co.

KNOWN AS THE

Lucky Star and Mustang lodes.

San Francisco

Mining District,

Mohave

County,

Arizona

Section 13, Township 20 N., Range 21 W.G.&S.R. M

Surveyed under instructions dated Sept. 11, 1919

by Edward L. Haff

U. S. Mineral Surveyor.

Claim located See location notices, 19

Survey commenced Sept. 25, 1919

Survey completed Sept. 27, 1919

Address of claimant Atty., C. C. Spicer, H. W. Hellman Bldg., Los Angeles, California

DATES OF AMENDED LOCATIONS.

February 1st. 1916

LUCKY STAR lode.

Beginning at Cor. No.1

Identical with Cor. No2 Mustang lode , of this survey
A redwood post 4 ft. long 4 ins. sq. a nail at corner
point, set 18 ins. in the ground, with mound of earth
and stone, scribed L.S. 1,- M.2,-3627. Whence :-

The $\frac{1}{2}$ Cor. between sections 13 and 24 T.20 N.,R.21W.
G.and S.R: M. bears S.6°07'20"E. 1796.37 ft.

Thence N.7°24'W.

253.51 Intersect south side line Marcy lode, unsurveyed,
claimant unknown, at S.50°03'W. 126.74 ft. from the
S.E. Cor. and N.50°03'E. 1373.26 ft. from the S.W. Cor.

303.20 To the West end center.

A redwood post 4 ft. long 4 ins. sq. a nail at
center point, set 18 ins. in the ground with mound of
earth and stone, scribed W.E. C. LUCKY STAR -3627

462. West bank of dry wash 70 ft. wide runs northwesterly

548.05 To Cor. No.2

A redwood post 4 ft. long 4 ins. sq., a nail at corner
point, set 18 ins. in the ground with mound of earth
and stone, scribed L.S.2,-3627 Whence :-

The S.E. Cor. Marcy lode, unsurveyed, bears S.32°
40' E. 250.29 ft.

Thence N. 71°17' E.

9. Intersect east end line Marcy lode, unsurveyed, at N.
30°39'W. 248.27 ft. from the S.E. Cor. and S.30°39'E.
359.73 ft. from the N.E. Cor.

60. East bank of dry wash 90 ft. wide runs northwesterly.

1467.33 To Cor. No.3

A redwood post 4 ft. long 4 ins. sq. a nail at corner
point, set 18 ins. in the ground with mound of earth
and stone, scribed L.S. 3,-3627

Thence S. 7°24'E.

118.07 North West Cor. Yellow Spar Extension lode, unsurveyed,

303.20 To East end center.

On the west side line Yellow Spar Extension lode,
unsurveyed,

A Redwood post 4 ft. long 4 ins. sq., a nail at center
point, set 18 ins. in the ground, with mound of earth
and stone scribed E.E.C. LUCKY STAR -3627

606.40 To Cor. No.4; On W. side line Yellow Spar Extension lode
unsurveyed, at N.7°24'W. 1011.67 ft. from S.W.Cor.
Identical with Cor. No.3 Mustang lode, of this survey

A redwood post 4 ft. long 4 ins. sq., a nail at corner
point, set 18 ins. in the ground with mound of earth
and stone, scribed L.S.,4- M.3, -3627

Thence S.73°32' W.

330. East bank of dry wash, runs northwesterly.

420. West bank of dry wash, runs northwesterly.

1457. To Cor. No.1 the place of beginning.

MUSTANG lode.

Beginning at Cor. No. 1

A redwood post 4 ft. long 4 ins. sq. a nail at corner
point, set 18 ins. in the ground with mound of earth
and stone scribed M.,1-3627 Whence :-

The $\frac{1}{2}$ Cor. between sections 13 and 24 T.20N.,R.21 W.

G.and S.R. M. bears S.5°28'20" E. 1189.10 ft.

The N.W. Cor. Arroyo lode, unsurveyed, claimant unknown
, bears N.40°28'E. 261.32 ft.

Thence N.7°24'W.

503.73 To West end center .

A redwood post 4 ft..long 4 ins, sq. a nail at cen-
ter point, set 18 ins. in the ground with mound of
earth and stone scribed W.E.C. MUSTANG - 3627

540. Bed of dry gulch 8 ft. wide runs southwesterly.

607.46 To Cor. No. 2

Identical with Cor. No.1 Lucky Star lode of this
survey, hereinbefore described.

Thence N.73°32'E.

1037. West bank of dry wash, runs northwesterly

1127. East bank of dry wash, runs northwesterly.

- 1457. To Cor. No. 3
- 1457. On ~~West~~ side line Yellow Spar Extension lode, unsurveyed
Identical with Cor. No. 4 Lucky Star lode, of this
survey, hereinbefore described.
Thence S. 7° 24' E.
- 238. North bank of dry wash, runs southwesterly.
- 280. South bank of dry wash, runs southwesterly.
- 303.73 To East end center
- On west side line Yellow Spar Extension lode, Unsd.
A redwood post 4 ft. long, 4 ins. sq., a nail at center
point, set 18 ins. in the ground with mound of earth
and stone, scribed E.E.C. MUSTANG 3627
- 480. North bank of dry wash, runs northwesterly.
- 550. South bank of dry wash, runs northwesterly.
- 607.46 . To Cor. No. 4
- **Extension**
On west side line Yellow Spar lode, unsurveyed, at
S. 7° 24' E. 1095.79 ft. from the N.W. Cor. and N. 7° 24' W.
404.21 ft. from the S. E. Cor.
A redwood post 4 ft. long 4 ins. sq., a nail at corner
point, set 18 ins. in the ground with mound of earth
and stone, scribed M., 4 - 3627
Thence S. 73° 32' W.
- 477. Bed of dry gulch 4 ft. wide runs northwesterly.
- 665.44 Intersect north end line Arroyo lode, unsurveyed, at
N. 87° 31' E. 590.05 ft. from the N.W. Cor. and S. 87° 31' W.
9.95 ft. from the N.E. Cor.
- 1030. Bed of dry gulch 8 ft. wide, runs northwesterly.
- 1273.64 Intersect west side line Arroyo lode, unsurveyed, at
S. 2° 26' E. 146.97 ft. from the N.W. Cor. and N. 2° 26' W.
1351.23 ft. from the S.W. Cor.
- 1457. To Cor. No. 1 the place of beginning.

Variation at all corners 15° East

LODE LINES

As near as can be determined from present developments
the veins of the several lodes embraced in this survey

extend from their respective discovery points as follows to wit :-

LUCKY STAR lode.

750. ft. S.73°32'W. and 707. ft. N.73°32' E.

MUSTANG lode.

900. ft. S.73°32'W. and 557. ft. N.73°32'E.

All corners of this survey are identical with the respective locations as found marked upon the ground.

LOCATION

This survey is located in the S. $\frac{1}{2}$ and N.E. $\frac{1}{4}$ of Sec. 13 T. 20 N., R. 21 W. G. and S.R. M.

AREA

Total area Lucky Star lode	19.066 Acres
Area in conflict with	
Marcy lode, unsurveyed	0.386 "
Total area Mustang lode	20.065 "
area in conflict with	
Arroyo lode, unsurveyed	0.995 "

ADJOINING CLAIMS

The adjoining and conflicting lode claims to this survey are as follows :-

On the North.

Marcy No.2 lode, unsurveyed, claimant unknown.

On the South.

Arroyo lode, unsurveyed, claimant unknown.

On the EAST.

Yellow Spar Extension lode, unsurveyed, claimant unknown.

On the WEST.

Marcy, and Denver City No. 2 lodes, unsurveyed, claimants unknown .

EXPENDITURE OF FIVE HUNDRED DOLLARS.

I certify that the value of the labor and improvements made upon or for the benefit of each lode of this

survey, by the claimant or its grantors, is not less than five hundred dollars for each lode, and that said improvements consist of :-

On the LUCKY STAR lode.

No. 1 The discovery cut the face of which is on the lode line, at N.73°32' E. 750. ft. from the west end center 5 ft. wide , 12 ft. face, runs S.80°W. 22 ft. to mouth At face of cut a shaft 4 x 6 ft. 50 ft. deep, dip 80° to the north, on a quartz vein.

Value of Cut and shaft \$720.00

No. 2 A shaft which bears from Cor. No.1 N.60°20'E. 700 ft. 4 x 6 ft. 25 ft. deep on a quartz vein.

Value \$300.00

No. 3 A cut the mouth of which bears from Cor. No. 1 N.43°E. 485. ft. 5 ft. wide runs S.5°E. 21 ft. to a 10 ft. face , at face of cut a Tunnel 4 x 6 ft. runs S.12°E. 41 ft. in mineralized andesite quartz and spar.

Value of cut and tunnel \$600.00

No. 4 A cut the mouth of which bears from Cor, No. 1 N.62°40'E. 400 ft. 5 ft. wide, runs N.26°W. 20 ft. to a 10. ft. face.

Value \$100.00

No. 5 A Tunnel the mouth of which bears from Cor. No. 1 N.47°25'E. 518 ft. 4½ x 6½ ft., runs S.16°E. 66 ft. to point A Thence S.8°E. 53 ft. to point B Thence S.20°E. 9 ft. to point C, and 17 ft. to face on a quartz vein; At point B a cross cut 4 x 6 ft. runs N.85°E. 15 ft. to face. At point C a Crosscut 4 x 6 ft. runs S.67°W. 24 ft. to point D and 50 ft. to face;. At point D a Drift 4 x 6 ft. runs N.30°W. 10 ft. to face; and a Drift 4 x 6 ft. runs S.30°E. 11 ft. to face on a quartz vein .

Value of , tunnel, drifts and crosscuts \$2664.00

This tunnel is being run for the joint development of both lodes of this survey. The surface of the ground

rises very rapidly from the mouth of this tunnel to the south and the tunnel will cut the Mustang vein at considerable depth; With one plant of machinery at this tunnel the two lodes can be economically developed and ore extracted therefrom.

This therefore is a common improvement for the joint development of both lodes of this survey, and an undivided one half interest is properly accredited to each lode of this survey. Value \$1332.00

On the Mustang lode.

No. 1 The Discovery cut, the face of which is on the lode line at N.73°32'E. 900 ft. from the west end center, 5 ft. wide, 10 ft. face, runs S.50°E. 18 ft. to mouth on a quartz vein in andesite.

Value \$100.00

No. 2 A shaft which bears from Cor. No. 1 N.50°30'E. 872 ft. 4 x 11 ft. 6 ft. deep on a quartz vein.

Value \$70.00

An undivided $\frac{1}{2}$ interest in improvement No. 5 Lucky Star lode of this survey, is accredited to this lode.

Value \$1332.00

OTHER IMPROVEMENTS

An iron and frame house the N.W. Cor. of which bears from Cor. No. 2 Mustang lode N.73°32'E. 382 ft. 10 x 12 ft. course of long side S.30°E.

An iron and frame house the South Cor. of which bears from Cor. No. 1 Mustang lode, N.43°E. 700 ft. 20 x 30 ft. course of long side N.48°W. Both of the above improvements belong to claimant herein.

INSTRUMENT

This survey was made with a C.I. Berger and Sons, No. 2 Transit; The courses were deflected from the true meridian as determined by direct solar observations.

The distances were measured with 100 ft. and 500 ft.

steel tapes .

R E P O R T

All lines and ties in this survey were run upon the ground and the courses and distances found to be as herein given.

No bearing objects were available in the survey.

The $\frac{1}{4}$ Cor. between sections 13 and 18 T.20 N. Ranges 20 and 21 W. G. and S.R. M., could not be found, the same falls in a big wash and has probably been buried in the sand.

The $\frac{1}{4}$ Cor. between sections 13 and 24 T. 20 N., R.21 W. G. and S. R. M. is a 1 inch iron pipe with a brsaa cap properly set and marked.

Yellow Spar Extension and Arroyo lodes, unsurveyed. all corners and end centers are marked by stones set in the ground with a mound of stone along side.

Marcy lode, unsurveyed.

all cornere and end centers are redwood posts 4 ins. sq. properly set and marked.

Note :-

The disagreements between these field notes and the location certificates 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 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
Tango Gold Mining Co.
 known as the Lucky Star and Mustang lodes
 and showing the respective capacities in which they acted.

- Geo. S. Cummings , Chainman.
- , Chainman.
- , Axman.
- , Flagman.

FINAL OATHS OF ASSISTANTS.

I, Geo. S. Cummings
 do solemnly swear that I assisted
Edward L. Haff, United States Mineral Surveyor, in marking the corners and surveying
 the boundaries of the mining claim of Tango Gold Mining Co.
 known as the Lucky Star and Mustang lodes
 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 ~~my~~ ^{my} knowledge and belief, faithfully
 and correctly executed, and the corner and boundary monuments established according to law and the instruc-
 tions furnished by the United States Surveyor-General for Arizona.

- Geo. S. Cummings , Chainman.
- , Chainman.
- , Axman.
- , Flagman.

Subscribed and sworn to by the above-named persons before me this 27th
 day of Sept, 1919

*my Commission Expires
 April 23rd 1923.*

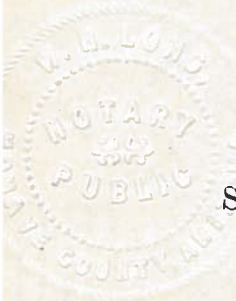
*D. H. Long
 Notary Public*



FINAL OATH OF U. S. MINERAL SURVEYOR.

I, EDWARD L. HAFF, U. S. Mineral Surveyor, do solemnly swear that, in pursuance of instructions received from the United States Surveyor General for ARIZONA, dated SEPT 11-1919, 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 TANGO GOLD MINING CO., known as the LUCKY STAR AND MUSTANG LODES, situate in SAN FRANCISCO Mining District, MOHAVE County, ARIZONA, in Section 13, Township No. 20 N., Range No. 21 W. G. AND S.R.M., and designated as Survey No. 3627, 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. Mineral Surveyor.



Subscribed and sworn to by the said EDWARD L. HAFF U. S. Mineral Surveyor, before me A NOTARY PUBLIC IN AND FOR MOHAVE COUNTY, STATE OF ARIZONA this 27 day of SEPTEMBER, 19 19

My Commission Expires Apr 23-1922

W. B. Long, Notary Public

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

Department of the Interior,

OFFICE OF U. S. SURVEYOR-GENERAL,

Phoenix, Arizona,

FEB 7 1920

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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

TANGO GOLD MINING CO.,

known as the LUCKY STAR, and MUSTANG LODES,

situate in SAN FRANCISCO

Mining District, MOHAVE County, ARIZONA,

in Section 13, Township No. 20 N., Range No. 21 W., G&SRB&M, and

designated as Survey No. 3627, 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, or for each of said mining claim by claimant or its grantors, and that said improvements consist of four cuts, three shafts, and two tunnels.

Value \$4554.00.

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.

FEB 7 1920, 191

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

TANGO GOLD MINING CO.,

, known as the

LUCKY STAR, and MUSTANG LODES

situate in SAN FRANCISCO mining district,

MOHAVE County, ARIZONA,

in Section 13, Township No. 20 N., Range No. 21 W., G. &

S. R. B. & M., designated as Survey No. 3627

executed by Edward L. Haff, United States Mineral

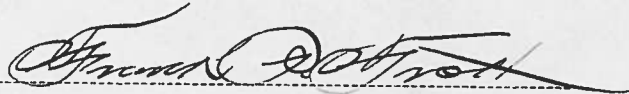
Surveyor, September 25 - 27, 1919, under my instructions dated

September 11, 1919, 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.