

OCT 25 1919

4-683

MINERAL SURVEY No. 5626

Arizona Land District

FIELD NOTES

OF THE SURVEY OF THE MINING CLAIM OF

Tango Gold Mining Co.

KNOWN AS THE

Tango, Good Hope, and Della lodes.

San Francisco Mining District,

Mohave, County, Arizona

Sections 13 and 24, Township 20 N., Range 21 W. G. and S. R. M.

Surveyed under instructions dated Sept. 11 - , 19 19

by Edward L. Haff

U. S. Mineral Surveyor.

Claim located see location notices. 19

Survey commenced Sept. 24, 19 19

Survey completed Sept. 27, 19 19

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

DATES OF AMENDED LOCATIONS.

Blank lines for amended locations

## TANGO lode

Beginning at Cor. No. 1

Identical with S.E. Cor. Denver City lode, unsurveyed claimant unknown.

A redwood post 4 ft. long 4 ins. sq., with a nail at corner point, set 18 ins. in the ground with mound of earth and stone, scribed T.1-3626. Whence :-

The  $\frac{1}{4}$  Cor. between sections 13 and 24 T. 20 N., R. 21 W. G & S.R. M. bears N.72°15' E. 382.11 ft.

Thence S. 0°34' W.

10. Bed of dry gulch 6 ft. wide, runs easterly.

140. Cor. No.1 Good Hope lode of this survey.

312;48 To East end center .

A redwood post 4 ft. long 4 ins. sq. with a nail at Cen. point, set 18 ins in the ground with mound of earth and stone, scribed E. E. C. TANGO 3626

442. West end center Good Hope lode of this survey.

624.96 To Cor. No. 2

On line 4-1 Good Hope lode , of this survey.

A redwood post 4 ft. long 4 ins. sq. with a nail at Cor point, set 18 ins. in the ground, with mound of earth and stone, T.2-3626

Thence N.73°11' W.

1496.40 To Cor. No. 3.

A redwood post 4 ft. long 4 ins. sq., with a nail at corner point, set 18 Ins. in the ground with mound of earth and stone, T.3-3626

Thence N.0°34' E.

298. Bed of dry gulch 10 ft. wide, runs westerly.

312.48 To West end center.

A redwood post 4 ft. long 4 ins. sq., with a nail at center point, set 18 ins. in the ground, with a mound of earth and stone, scribed W.E.C. TANGO 3626

326.57 Intersect line between sections 13 and 24 T. 20 N., R.21 W.G.& S.R. M. at N. 89°25'30" W. 1799.37 ft. from the  $\frac{1}{4}$  Cor. and S.89°25'30" E. 850.83 ft. from the Corner to

sections 13-14-23 & 24

624.96 To Cor. No. 4

Identical with S.W. Cor. Denver city lode, unsurveyed.  
A redwood post 4 ft. long 4 ins. sq. with a nail at  
corner point, set 18 ins. in the ground, with mound of  
earth and stone, scribed T.4-3626.

Thence S.73°11' E.

1066.86 Intersect line between sections 13 & 24 T.20N. R.21 W.  
at N. 89°25'30" W. 775.13 ft. from the  $\frac{1}{4}$  Cor. and S.89°  
25'30" E. 1875.07 ft. from the corner to sections 13-14  
-23 and 24

1496.40 To Cor. No.1 the place of beginning.

GOOD HOPE lode.

Beginning at Cor. No.1

On line 1-2 Tango lode of this survey, at S.0°34' W.  
140. ft. from Cor. No.1

A redwood post 4 ft. long 4 ins. sq. with a nail at  
corner point, set 18 ins. in the ground, with a mound  
of earth and stone, scribed G.H.1-3626. Whence :-  
The  $\frac{1}{4}$  Cor. between sections 13 and 24 T. 20N., R. 21 W.  
G. and S.R. M. bears N.54°55'40" E. 446.34 ft.

Thence S. 76°08' E.

640. Bed of dry gulch 10 ft. wide, runs northwesterly.

1421.63 To Cor. No. 2

Identical with Cor. No. 4 Della lode, of this survey.  
A redwood post 4 ft. long 4 ins. sq., with a nail at  
Cor. point., set 18 ins. in the ground with a mound of  
earth and stone, scribed G.H.2- D.4 - 3626

Thence S. 0°34' W.

302. To East end center

Identical with West end center Della lode of this survey  
A redwood post 4 ft. long 4 ins sq., a nail at center  
point, set 18 ins. in the ground with a mound of earth  
and stone, scribed E.E.C. GoodHope-W.E.C. Della-3626

604. To Cor. No. 3

- Identical with Cor. No. 3 Della 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 G.H.3, - D.3, -3626. Whence :-  
The N.E. Cor. Four Peaks lode, unsurveyed, claimant unknown, bears N.62°10' W. 324.70 ft.  
Thence N.76°08' W.
- 291.84 Intersect Easterly side line Four Peaks lode, unsurveyed at S.2°40' E. 81.75 ft. from the N.E. Cor. and N.2°40' W. 1418.25 ft. from the S. E. Cor.
- 546.19 Intersect north end line Four Peaks lode, unsurveyed, at S.85°08' W. 244.02 ft. from the N. E. Cor. and N.85° 08' E. 355.98 ft. from the N. W. Cor.
800. Bed of dry gulch , 10 ft. wide, runs **northeasterly**.
- 1421.63 To Cor. No.4  
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 G.H.4, -3626  
Thence N. 0° 34' E.
- 119.04 Cor. No. 2 Tango lode, of this survey.
302. West end center  
On line 1-2 Tango lode of this survey  
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! GOOD HOPE 3626
- 431.52 East end center Tango lode, of this survey
604. To Cor. No.1, the place of beginning.
- DELLA 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 D.1.3626 Whence :-  
The Cor. to sections 13 - 24 - 18 and 19 T. 20 N., R. 20 and 21 W. G. & S.R. M. bears N. 19° 20' E. 442.83 ft.  
The S. W. Cor. W.R.Hearst lode, unsurveyed, claimant

unknown, bears S. 8°57' W. 160.20 ft.

Thence S. 0° 34' W.

- 30. Bed of dry gulch 20 ft. wide, runs northeasterly.
- 140.34 Intersect south end line W.R.Hearst lode, unsurveyed, at N.52°43' E., 29.58 ft. from the S.W.Cor. and S.52° 43' W. 570.42 ft. from the S.E. Cor. also, intersect the north end line Jupiter lode, unsurveyed, claimant unknown, at N.52°43' E. 34.08 ft. from the N.W. Cor. and S.52°43' W. 574.92 ft. from the N.E. Cor.
- 185.74 Intersect westerly side line Jupiter lode, unsurveyed, at S. 47°08' E. 36.38 ft. from the N.W. Cor. and N.47° 08' W. 1463.22 ft. from the S. W. Cor.
- 302. To East 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 E.E. C. DEILA 3626
- 604. 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 D.2-3626  
Thence S. 83°40' W.
- 187. Bed of dry gulch 10 ft. wide, runs northeasterly.
- 384.70 Intersect east side line Aurora No.1 lode, unsurveyed, claimant unknown, at S.5°00' W. 163.47 ft. from the N. E. Cor. and N. 5° 00' E. 1336.53 ft. from the S. E. Cor.
- 996.63 Intersect west side line Aurora No.1 lode, unsurveyed, at N. 5° 00' E., 1216.28 ft. from S.W. Cor., and at S. 5° 00' W. 283.72 ft. from the N.W. Cor. which bears N.85°00' W. 600 ft. from the N.E. Cor.
- 1491.60 To Cor. No. 3  
Identical with Cor. No. 3 Good Hope lode, of this survey, hereinbefore described; Whence :-  
The N. W. Cor. Aurora No. 1 lode, unsurveyed, bears N.56°52' E. 617.00 ft.  
Thence N. 0° 34' E.
- 302. To the West end center.

604. Identical with the East end, center Good Hope lode, of this survey, hereinbefore described.  
 To Cor. No. 4  
 Identical with Cor. No. 2 Good Hope lode, of this survey, hereinbefore described.  
 Thence N. 83°40' E.

383. Bed of dry gulch 8 ft. wide, runs northerly.

1329.36 Intersect westerly side line W.R.Hearst lode, unsurveyed, at N.44°10' W. 195.66 ft. from the S. W. Cor. and S.44°10' E. 629.94 ft. from the N.W. Cor.

1491.60 To Cor. No.1, the place of beginning.

Variation at all corners 15 ° East  
 No bearing objects were available in this survey.

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

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 :-

- TANGO lode ,  
 300.ft. S.73°11' E. and 1196.40 ft. N.73°11' W.
- GOOD HOPE lode,  
 200.ft. S.76°08' E. and 1221.63 ft. N. 76° 08' W.
- DELLA lode, .  
 845.ft. S.83°40' W. and 646.60 ft. N.83°40' E.

A R E A

Total area Tango lode.	20.611 acres
Total area Good Hope lode,	19.183 "
area in conflict with	
Four Peaks lode, unsurveyed	0.289 "
Total area Della lode,	20.533 ✓ "
area in conflict with	
Aurora No.1 lode, unsurveyed,	3.080 ✓ "

W. R. Hearst lode, unsurveyed	0.325 Acres
Jupiter lode, unsurveyed	0.014 "

L O C A T I O N

This survey is located in the S. W.  $\frac{1}{4}$  Sec. 13, and the N.  $\frac{1}{2}$  of Sec. 24 T. 20 N., R. 21 W.G.& S.R. M.

ADJOINING CLAIMS

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

On the North.

- Denver City lode, unsurveyed, claimant unknown.
- South Parallel lode, unsurveyed, claimant unknown.
- W.R.Hearst lode, unsurveyed, claimant unknown.

On the South .

Four Peaks and Aurora No.1 lodes, unsurveyed, claimant unknown.

On the East .

W.R. Hearst and Jupiter lodes, unsurveyed, claimant 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 TANGO lode. .

No. 1 The discovery cut, the mouth of which is on the lode line, at N.73°11' W. 300 ft. from the East end center 5 ft. wide , runs S.73°11' E. 10 ft. to a 13 ft. face, on a quartz vein in andesite.

Value \$100.00

No. 2 A shaft which is on the lode line at N.73°11' W. 244 ft. from the East end center, 4 x 7 ft. 60. ft. deep , on a quartz vein in andesite.

Value \$ 720.00

No.3. A cut the mouth of which bears from Cor. No.1 S.39°50' W. 200 ft. 5 ft. wide runs S. 47°30' W. 20 ft. to 10 ft. face, at face of cut a tunnel 4½ x 6½ ft. runs S.47°30' W. 115 ft. to face, at face of tunnel a drift 4x6 ft. runs N.48° W. 15 ft. to face and a drift 4x6 ft. runs S. 48° E. to face on a quartz vein.

Value of cut, Tunnel and drifts, \$2160.00

No.4. A cut the mouth of which bears from Cor. No.1 S.39°05' W. 360 ft. 5 ft. wide, runs S. 54° E. 21 ft. to a 12 ft. face, on a quartz and spar vein.

Value \$100.00

On the Good Hope lode.

No.1 The discovery cut the mouth of which is on the lode line, at N.76°08' W. 200 ft. from the east end center 8 ft. wide, runs S75° E. 18 ft. to a 12 ft. face, on a quartz vein in andesite.

Value \$100.00

No.2 A shaft which is on the lode line, at N.76°08' W. 250 ft. from the east end center, 4 x 6 ft. 40 ft. deep on a quartz and spar vein.

Value \$500.00

No.3 A cut the mouth of which bears from Cor. No.2 S.16° W. 230 ft. 4 ft. wide, runs S.77° W. 12 ft. to an 8 ft. face, on a quartz and spar vein.

Value \$70.00

No.4 A cut the mouth of which bears from Cor. No.2 S.4°45' W. 213 ft. 5 ft. wide, runs S.77° W. 22 ft. to a 10 ft. face, on a quartz and spar vein.

Value \$100.00

No.5 A shaft which bears from Cor. No.2 N.86°15' W. 535 ft. 4 x 6 ft. 40 ft. deep in mineralized andesite quartz and spar.

Value \$500.00

On the Della lode.

No.1 The discovery cut the face of which is on the lode line



at S.83°40'W. 646.60 ft. from the east end center, 6 ft. wide, 15 ft. face runs N.86°E. 19 ft. to mouth,

At face of cut a Tunnel 4 x 6½ ft. runs S.86°W. 61.ft. to face, and at face of cut an incline shaft 4 x 6 ft. 37 ft. deep, dip 70° to the North, all on a quartz vein in andesite.

Value of cut, tunnel and shaft \$1350.00

No.2 A shaft which bears from Cor. No.4 S.68°25'E. 440.ft. 4½ x 7 ft. 80 ft. deep timbered.

Value \$1200.00

No.3 A shaft which bears from Cor. No. 4 S.7°50'E. 208 ft. 4 x 8 ft. 9 ft. deep, on a quartz vein.

Value \$100.00

No.4 A cut the mouth of which bears from Cor. No.1 S.76°W. 583. ft. 5 ft. wide, runs S.72°W.22 ft. to a 10 ft. face.

Value \$100.00

#### OTHER IMPROVEMENTS

None.

#### I N S T R U M E N T

This survey was made with a C.L.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.

The corner to sections 13-14 - 23-24 T.20 N. R.21 W. G.and S.R. M. is an Iron pipe 2 ins. in dia., with a brass cap. properly set and marked.

The ¼ Cor. between sections 13 and 24 T.20 N., R.21.W. G.and S.R. M. is a 1 in. iron pipe with a brass cap properly set and marked.

The corner to sections 13 - 24 - 18 and 19 T.20 N.,

R. 20 and 21 W. G. and S.R. M. is a 2 in. iron pipe with a brass cap properly set and marked.

The Four Peaks, Aurora No.1, W.R. Hearst and Jupiter lodes, unsurveyed, all corners and end centers are marked by a stone set in the ground, properly marked and a mound of stone along side.

Note:-

The disagreement 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.

TANGO GOLD MINING, MILLING AND DEVELOPMENT COMPANY.

known as the Tango, Good Hope and Della lodes

and showing the respective capacities in which they acted.

Geo. S. Cummings, Chainman.

....., Chainman.

....., Assman.

....., Flagman.

## FINAL OATHS OF ASSISTANTS.

~~We~~, I. Geo. S. Cummings

....., do solemnly swear that ~~we~~ 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 Tango, Good Hope and Della 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~~ <sup>my</sup> 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.

....., Assman.

....., Flagman.

Subscribed and sworn to by the above-named persons before me this 27<sup>th</sup>

day of April, 1919

My Commission expires  
Apr 23rd 1923

J. 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 TANGO, GOOD HOPE AND DELLA LODES, situate in SAN FRANCISCO Mining District, MOHAVE County, ARIZONA, in Sections 13 & 24, Township No. 20 N., Range No. 21 W. G AND S. R. M., and designated as Survey No. 3626, 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 SEPT., 19 19

My Commission Expires
Apr 23 1923

[Signature]
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 10 1920, 191

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 TANGO, GOOD HOPE, and DELLA LODES,

situate in SAN FRANCISCO

Mining District, MOHAVE County, ARIZONA,

in Sections 13 & 24, Township No. 20 N., Range No. 21 W., G&SRB&M, and

designated as Survey No. 3626, 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 eight cuts, 2 tunnels, and six shafts, value \$7100.00.

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 10 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

TANGO, GOOD HOPE, and DELLA LODES,

situate in SAN FRANCISCO mining district, MOHAVE County, ARIZONA,

in Sections 13 and 24, Township No. 20 N., Range No. 21 W., G. and S. R. M., designated as Survey No. 3626

executed by Edward L. Haff, United States Mineral Surveyor, Sept. 24 - 27, 1919, under my instructions dated

Sept. 11, 1919, 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.

Handwritten signature of the Surveyor-General

U. S. Surveyor-General for Arizona.