

4-683.

MINERAL SURVEY No. 2672

LOT No.

Arizona Land District.

FIELD NOTES

OF THE SURVEY OF THE MINING CLAIM OF

M.A. Mercer

KNOWN AS THE

ORIENT, ORIENT No. 2, ORIENT No. 3.

Globe Mining District,

Gila County, Arizona

Sections 9 and 10, Township 1 N., Range 15 E., G. & S. R. Mer. within the Crook National Forest.

Surveyed under instructions dated June 15, 1909

by Howard C. Hopkins U. S. Mineral Surveyor.

Claim located See location notices, 19

Survey commenced June 17, 1909

Survey completed June 20, 1909

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Address of Agent, M.E. Leverich, Atty., Phoenix, Arizona.

1-2672.

## SURVEY No. 2672.

Orient Lode.

Beginning at Cor. No. 1.

On line 3-4, Sur. No. 2682, Carolina No. 3 lode.

A redwood post, 4 ins. square, 4-1/2 ft. long, set 18 ins. in the ground, in mound of stone, scribed 1-2672-0, whence Cor. Secs. 3, 4, 9 and 10, T. 1 N., R. 15 E., G. & S. R. Mer. bears N. 30° 03' W. 723.6 ft.

No bearings available.

Thence S. 69° 56' E.

Mag. Var. 13° 50' E.

Feet.

- 958.2 Gila Valley, Globe and Northern R.R., course N. 49° 37' W. and S. 49° 37' E.
- 1409.2 Intersect line 4-1, Orient No. 2 lode, this survey, at S. 64° 30' W. 453.45 ft. from Cor. No. 1, and N. 64° 30' E. 1046.55 ft. from Cor. No. 4.
- 1500 To Cor. No. 2.
- A redwood post, 4 ins. square, 4-1/2 ft. long, set 18 ins. in the ground, in mound of stone, scribed 2-2672-0, whence
- A quartzite boulder projecting 18 x 24 x 12 ins. above the ground, chiseled BR x 2672 2-0 4-03, bears S. 79° 38' W. 25.5 ft.
- Thence S. 55° 03' W.  
Mag. Var. 14° 00' E.
- 194.5 G.V.G. & N.R.R., course N. 49° 37' W. and S. 49° 37' E.
- 270 North bank Pinal Creek, flows N. 70° W.
- 365 To the east end center of the location, a pine post, 4 ins. square, 4 ft. long in mound of stone.
- 410 South bank Pinal Creek.
- 660 To Cor. No. 3.
- A redwood post, 4 ins. square, 4-1/2 ft. long, set 18 ins. in the ground, in mound of stone, scribed 3-2672-0, whence
- A dacite boulder, projecting 1 x 2 x 1 ft. above the ground, chiseled BR x 3-2672-0, bears N. 31° 41' E. 25.1 ft.; Cor. No. 2, Sur. No. 2290A, Disappointment lode, bears N. 63° 34' E. 176.3 ft.
- Thence N. 69° 56' W.  
Mag. Var. 13° 50' E.
- 190 Wagon road, course N. 50° W. and S. 50° E.
- 242.3 To Cor. No. 2, Sur. No. 2681, Astonishment lode; on line 4-1. Orient No. 2 lode, this survey, at N. 64° 30' E. 289.2 ft. from Cor. No. 4, and S. 64° 30' E. 1210.8 ft. from Cor. No. 1.
- 1311.9 Intersect line between Secs. 9 and 10 S. 00° 06' W. 1069 ft. from Cor. Secs. 3, 4, 9 and 10; N. 00° 06' E. 1507 ft. from 1/4 Cor. between Secs. 9 and 10.
- 1500 To Cor. No. 4.
- A pine post, 4 ins. square, 4 ft. long, set 18 ins. in the ground, in mound of stone, scribed 4-2672-0, whence
- A lime boulder, projecting 18 x 24 x 12 ins. above the ground, chiseled BR x 4-2672-0, bears N. 1° 09' W. 34.5 ft.
- On line 1-2 Astonishment lode, Sur. No. 2681.

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## Orient Lode-continued.

Thence N.55° 03' E.  
 Mag. Var. 14° 00' E.

Feet.

- 216 Intersect line between Secs. 9 and 10 at S.00° 06' W. 880.7 ft from Cor. of Secs. 3, 4, 9 and 10; N.00° 06' E. 1695.3 ft. from the 1/4 Cor. between Secs. 9 and 10.
- 275 To witness of the west end center of the location, a pine post, 4 ins. square, 4 ft. long, in mound of stone.
- 295 To the west end center of the location, in Wagon road, course N.85° W. and S.85° E.
- 335 South bank, Pinal Creek, flows N.75° W.
- 430.3 To Cor. No. 4, Sur. No. 2682, Carolina No. 3 lode.
- 530 North bank Pinal Creek.
- 660 To Cor. No. 1, the place of beginning.

## Orient No. 2 Lode.

Beginning at Cor. No. 1.

On line 3-4, Orient No. 2 lode, this survey, at N.55° 03' E. 395.2 ft. from Cor. No. 4.

A redwood post, 4 ins. square, 4-1/2 ft. long, set 18 ins. in the ground, in mound of stone, scribed 1-2672-02, whence

The 1/4 Cor. between Secs. 3 and 10, T.1 N., R.15 E., G. & S.R. Mer. bears N.30° 29' E. 1046 ft.

No bearings available.

Thence S.40° 44' E.  
 Mag. Var. 14° 00' E.

- 310 To the east end center of the location, a pine post, 4 ins. square, 4 ft. long, in mound of stone.

620 To Cor. No. 2.

A redwood post, 4 ins. square, 4-1/2 ft. long, set 18 ins. in the ground, in mound of stone, scribed 2-2672-02, whence

A quartzite boulder, 6 x 12 ins., flush with the ground, chiseled BR x 2-2672-02, bears N.36° 27' W. 53.9 ft.

Thence S.64° 30' W.  
 Mag. Var. 14° 00' E.

- 520 G.V.G. & N.R.R., course N.49° 37' W. and S.49° 37' E.
- 630 Northeast bank Pinal Creek, flows N.45 W.
- 770 Southwest bank Pinal Creek.
- 900.8 Intersect line 1-2, Sur. No. 2290A, Disappointment lode, at S.42° 04' E. 446.2 ft. from Cor. No. 2.
- 1030 Wagon road, course N.50° W. and S.50° E.
- 1500 To Cor. No. 3.
- On line 1-2, Sur. No. 2290A, Deliverance Lode, S.40° 44' E. 447.5 ft. from Cor. No. 2.
- A pine post, 4 ins. square, 4 ft. long, set 18 ins. in the ground, in mound of stone, scribed 3-2672-02, whence
- A section of a lime cliff, 8 ft. high, 40 ft. long, chiseled BR x 3-2672-02, bears S.40° 44' E. 35.4 ft.

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Orient No.2 Lode-continued.

Thence N.40°44'W.  
Mag.Var. 13°50'E.

Feet.

- 175.9 Intersect line 2-3, Sur.No.2290A, Disappointment lode, at S.38°02'W. 578.8 ft. from Cor.No.2.
- 310 To the west end center of the location, a pine post, 4 ins. square, 4 ft. long, in mound of stone.
- 447.5 To Cor.No.2, Sur.No.2290A, Deliverance lode; on line 2-3 Sur.No.2681, Astonishment lode, at S.30°12'W. 295 ft. from Cor.No.2.
- 620 To Cor.No.4.  
A pine post, 4 ins. square, 4 ft. long, set 18 ins. in the ground, in mound of stone, scribed 4-2672-02.  
No bearings available.

Thence N.64°30'E.  
Mag.Var. 13°50'E.

- 289.2 To Cor.No.2, Sur.No.2681, Astonishment lode; on line 3-4 Orient lode of this survey, at N.69°56'W. 242.3 ft. from Cor.No.3.
- 305 Wagon road, course N.50°W. and S.50°E.
- 590 South bank Pinal Creek, flows N.70°W.
- 755 North bank Pinal Creek.
- 875 G.V.G. & N.R.R., course N.49°37'W. and S.49°37'E.
- 1046.55 Intersect line 1-2 Orient lode, line 4-1 Orient No.3 lode, this survey, at N.69°56'W. 90.8 ft. from Cor.No.2-4.
- 1500 To Cor.No.1, the place of beginning.

Orient No.3 Lode.

Beginning at Cor.No.1.

Identical with Cor.No.1, Orient lode, of this survey, on the east face of which I scribed 1-2672-03 in addition to the marks already scribed thereon, whence  
Cor. Secs. 3, 4, 9 and 10, T.1 N., R.15 E., G. & S.R. Mer. bears N.30°03'W. 722.6 ft.

Thence N.55°03'E.  
Mag.Var. 13°50'E.

- 320 G.V.G. & N.R.R., on a curve, course westerly and southeasterly.
- 365 To the west end center of the location, a pine post, 4 ins. square, 4 ft. long, in mound of stone.
- 730 To Cor.No.2.  
A pine post, 4 ins. square, 4 ft. long, set 18 ins. in the ground, in mound of stone, scribed 2-2672-03, whence  
A quartzite boulder, projecting 18 x 24 x 18 ins. above the ground, chiseled BR x 2-2672-03, bears N.72°34'W. 50.5 ft.  
On line 3-4 Carolina No. 3<sup>lode</sup>, Sur. No. 2682.

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Orient No.3 Lode-continued.

Feet.  
1473.5 To Cor.No.3.  
Thence S.68°26'E.  
Mag.Var. 13°45'E.  
A redwood post, 4 ins.square, 4-1/2 ft.long, set 18 ins.  
in the ground, in mound of stone, scribed 3-2672-03.  
No bearings available.

287.8 To Cor.No.1, Orient No.2 lode, this survey.  
318 To the east end center of the location, a pine post, 4 ins.  
square, 4 ft.long, in mound of stone.  
683 To Cor.No.4.  
Identical with Cor.No.2, Orient lode, this survey,  
On the north face of which I scribed 4-2672-03 in  
addition to the marks already scribed thereon.

Thence N.69°56'W.  
Mag.Var. 14°00'E.

90.8 Intersect line 4-1, Orient No.2 lode, this survey, at  
S.64°30'W. 452.45 ft.from Cor.No.1.  
541.8 G.V.G. & N.R.R., course N.49°37'W. and S.49°37'E.  
1500 To Cor.No.1, the place of beginning.

Lode Lines.

As near as can be determined from present developments  
the veins of the several locations embraced in this survey  
extend as follows from their respective discovery points:  
Orient Lode, N.69°56'W. 298 ft.; S.69°56'E. 1202 ft.  
Orient No.2 Lode, N.64°30'E. 125 ft.; S.64°30'W. 1375 ft.  
Orient No.3 Lode, S.62°56'E. 9 ft.; N.69°56'W. 1491 ft.

Area.

Acres.

|                                    |               |
|------------------------------------|---------------|
| Total area Orient Lode             | 18.621        |
| Total area Orient No.2 Lode        | 20.600        |
| Area in conflict with-             |               |
| Sur.No.2290A, Disappointment lode  | 4.088         |
| Sur.No.2681, Astonishment lode     | 0.552         |
| Orient lode, this survey           | 2.063         |
| Orient No.3 lode, this survey      | 0.337         |
| <b>Total area Orient No.3 lode</b> | <b>19.933</b> |

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

Location.

This survey is located in sections 9 and 10, T.1 N., R.15 E., G. & S.R. Mer., Globe Mining District, Gila County, Arizona Territory, in Crook National Forest.

These claims lie along Pinal Creek and extend onto the hills on each side.

Improvements.

Orient Lode.

No.1. The discovery cut, the face being the discovery point is on the lode line 298 ft. from the west end center, 4 ft. wide, 11 ft. face, running N.45 E. 12 ft. to mouth.

Value \$25.00

Orient No.2 Lode.

No.1. The discovery shaft, on the lode line 125 ft. from the east end center, 4 x 6 x 3 ft. deep.

Value \$10.00

No.2. A cut, mouth bears from a point on line 4-1 289.2 ft. from Cor. No.4, identical with Cor. No.3 Sur. No. 2681, Astonishment lode, S.25°40'E. 154 ft., 4 ft. wide, 10 ft. face, running S.20°W. 15 ft.

Value 25.00

Orient No.3 Lode.

No.1. The discovery shaft, on the lode line 9 ft. from the east end center of the location, 4 x 6 x 4 ft. deep.

Value \$10.00

No.2. A shaft, 5 x 5 x 30 ft. deep, bears from Cor. No.4 N.24°02'W. 455.6 ft.

Value \$360.00

Improvements of a value of \$500.00 have not been completed for all the locations of this survey and I request that I be allowed to make a supplemental report of improvements made before the expiration of the period of publication.

Instrument.

This survey was made with C.L. Berger mining transit No. 7180. The courses were deflected from the true meridian as determined by direct solar observations. The distances were measured with a 650-ft steel tape.

## Adjoining Claims.

This survey is joined on the north by the Homestead lode, unsur., and Carolina No. 3 lode, Sur. No. 2682, both claimed by M. A. Mercer; on the east by the Cottonwood group, <sup>unsur.</sup> Radium Mines Co. claimant; on the south by the Cottonwood group; Sur. No. 2290A, Disappointment and Deliverance lodes, A. M. Lockwood and Thomas Fuller claimants, Sur. No. 2681, Astonishment lode, M. A. Mercer claimant, on the west by Sur. No. 2290A, Deliverance lode, Sur. No. 2681, Astonishment lode; Homestead lode, unsur., and Sur. No. 2682, Carolina No. 3 lode.

## Report.

The Cor. of Secs. 3, 4, 9 and 10, T. 1 N., R. 15 E., G. & S. R. Mer. is a schist stone, chiseled 5 notches on the south face, 3 notches on the east face. The 1/4 Sec. Cor. between Secs. 9 and 10 is a schist stone chiseled 1/4 S on the west face. The 1/4 Sec. Cor. between Secs. 3 and 10 is a porphyry stone, chiseled 1/4 S on the south face.

From Cor. of Secs. 3, 4, 9, and 10 to 1/4 Cor. between Secs. 9 and 10 I find to be S. 00° 06' W. 2576 ft. From the same Sec. Cor. to the 1/4 Cor. between Secs. 3 and 10 I find to be S. 38° 42' E. 2625.7 ft.

## Sur. No. 2290A:

## Disappointment Lode:

Cor. No. 1 is a pine post in the edge of Pinal Creek, properly set and bolted to a Cottonwood tree; Cor. No. 2 is a pine post, properly set; Cor. No. 3 is an iron rod set in the rock with a pine post set over it. All posts are properly scribed with the number of the corner and survey. I find line 1-2 to be N. 42° 04' W.; and line 2-3 to be S. 38° 02' W.

## Deliverance Lode:

Cors. Nos. 1, 2 and 3 are pine posts properly set and scribed with the number of the corner and survey. I find line 1-2 to be N. 40° 44' W.; and line 2-3 to be S. 44° 07' W.

## Sur. No. 2681, Astonishment Lode:

Cors. Nos. 1, 2 and 3 are pine and redwood posts, properly set and scribed with the number of corner and survey. Lines 1-2 and 2-3 are correct as returned.

## Sur. No. 2682, Carolina No. 3 Lode:

Cor. No. 4 is a pine post in Pinal Creek, witnessed on Cors. Nos. 1, Orient and Orient No. 3 lodes, this survey; Cor. No. 3 is a pine post, properly set and scribed with the number of the corner and survey. The course of line 3-4 is correct as returned.

The discrepancies between these field notes and the location notices, the field notes of Sur. No. 2290A, Disappointment and Deliverance lodes and the survey of the section lines are due to errors in the latter.

JEC 29 1909

SURVEY NO. 2672

ORIENT, ORIENT NO. 2 AND ORIENT NO. 3 LODES

SUPPLEMENTAL AFFIDAVIT

OF

IMPROVEMENTS.

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## SUPPLEMENTAL AFFIDAVIT OF IMPROVEMENTS.

I, Howard C. Hopkins, U. S. Mineral Surveyor, do solemnly swear that, in pursuance of instructions received from the United States Surveyor general for Arizona, dated June 15, 1909, I have in strict conformity with the laws of the United States, the official regulations and instructions thereunder, and the instructions of the said Surveyor General, faithfully and correctly executed the survey of the mining claim of M. A. Mercer, known as the Orient, Orient No. 2 and Orient No. 3 lodes designated as Survey No. 2672, situated in Globe Mining District, Gila County, Arizona in secs. 9 and 10, T.1 N. R.15 E. G. & S.R. Meridian, Crook National Forest, and that the labor expended and improvements made upon or for the benefit of each of the locations embraced in said mining claim, by the claimant or her grantors, are as herein fully stated, and that no portion of, or interest in said labor or improvements so credited to this claim has been included in the estimate of expenditure upon any other claim, and that said improvements consist of;

## ORIENT LODGE.

No.1. The discovery cut, the face, being the discovery point, is on the lode line 298 ft. from the west end center. 4 ft. wide 11 ft. face, running N.45° 00'E. 12 ft. to the mouth.

Value \$25.00

No.2. A shaft 4 x 6 x 10 ft. deep in rock, which bears from the east end center, N.32° 02'W. 292 ft.

Value \$25.00

No.3. 33 ft. of a tunnel, the mouth of which bears N.36° 00'E. 90 ft. from Cor. No.4, course from mouth to face S.44° 36'E. 60 ft, the remaining 27 ft. of this tunnel is situate on the Homestead lode, unsurveyed.

Value of 33ft. \$330.00

An undivided 1/3 interest in shaft No.3, Orient No.3 lode, is credited to this lode.

Value \$390.00

## ORIENT No.2 LODE.

No.1 The discovery shaft on the lode line, 125 ft. from the east end center, 4 x 6 x 4 ft. deep.

Value \$10.00

No.2. A cut, the mouth of which bears from a point on line 4-1; 289.2 ft from Cor. No.4, S.25° 40'E. 154 ft., 4 ft. wide 10 ft. face course S.20° 00'W. 15 ft. from mouth to face.

Value \$25.00

No.3. A shaft which bears from a point on line 4-1, 289.2 ft. from Cor. No.4. S.42° 00'E. 206 ft., 4 x 6 x 32 ft. deep in earth and rock.

Value \$320.00

An undivided 1/3 interest in shaft No.3 Orient No.3 lode is credited to this lode.

Value \$390.00

## ORIENT NO.3 LODE.

No.1. The discovery shaft, which is on the center line 9 ft. from the east end center, 4 x 6 x 4 ft. deep in earth and rock.

Value \$10.00

No.2. A shaft which bears from Cor. No.4, N.24° 02'W. 455.6 ft., 5 x 5 x 30 ft. deep in earth and rock.

Value \$360.00

No.3. A shaft which bears from Cor. No.4. N.37° 19'W. 470 ft. 4 x 6 x 78 ft. deep in earth and rock, timbered 30 ft.

Value \$1170.00

This claim is located on ground too nearly level to be extensively developed otherwise than through a shaft or shafts. Shaft No.3 on the Orient No.3. lode is being sunk by the claimants herein for the purpose of developing each of the lodes of this survey. It is centrally located and all the lodes of this survey can be advantageously developed and mined from it. An undivided 1/3 interest in this shaft is credited to each lode of this survey.

Value credited to this lode

\$390.00

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## OTHER IMPROVEMENTS.

A house, the S.E. Cor. of which bears from Cor. No.2. Orient No.3 lode, N.42° 21'W. 352 ft. 12 x 16 ft. course of long side N.45° 00'W. Claimant herein.

A house, the S.E. Cor. of which bears S.37° 50'E. 237 ft. from Cor. No.4., 12 x 14 ft, course of long side N.60° 00'W. claimant herein

A shaft which bears from a point on line 3-4, Orient lode, 242.3 from Cor. No.3, N.63° 00'W. 513 ft., 4 x 6 x 20 ft., timbered 12 ft.

A tunnel, the mouth of which bears from a point on line 3-4 Orient lode 242.3 ft. from Cor. No.3 N.66° 00'W. 507 ft. course S.38° 13'W. 27 ft. to side line.

A shaft 4 x 6 x 20 ft. deep which bears from Cor. No.4, Orient lode S.81° 00'E. 90 ft.

claimants unknown.

*Howard C. Hopkins*

U.S. Mineral Surveyor

Subscribed and sworn to by Howard C. Hopkins, United States

Mineral Surveyor, before me, a Notary Public for Gila County, Arizona,

this 20<sup>th</sup> day of December 1909

My commission expires July 10, 1912

NOTARY  
PUBLIC

*Chas. Carden*

Notary Public.

Affidavit of Five Hundred Dollars Improvements.

We, J.H. Stemm and A.C. Carlson

of lawful age, being first duly sworn according to law, depose and say: That we are acquainted with the Orient, Orient No. 2 and Orient No. 3 mining claims, situate in Globe Mining district, Gila County, Arizona Territory, for which M.A. Mercer

has made application for survey prior to application for patent under the provisions of the act of Congress, approved May 10, 1872; and that the labor done and improvements made thereon by the applicant and her grantor exceed Five Hundred Dollars in value, for each claim, and further that we are not personally interested in said mine.

*J. H. Stemm*  
*A. C. Carlson*

TERRITORY OF ARIZONA, }  
County of Gila } ss:

Sworn to and subscribed before me, this thirty-first

day of January, 1910



My Commission expires

21-1910  
1-10-1914 *George R. Stuei*

Notary Public.

(4-691.)

# Certificate of U. S. Surveyor General

AS TO

EXPENDITURES REPORTED AFTER RETURN OF SURVEY OF MINING CLAIM.

I, U. S. Surveyor General for the District of Arizona,  
do hereby certify that Five Hundred Dollars' worth of labor has been expended or  
improvements made by claimant or her grantors, or for each of <sup>s</sup> claim <sup>s</sup> of

M. A. Mercer

known as the ORIENT, ORIENT NO. 2, ORIENT NO. 3  
situate in Globe mining district,  
Gila County, Arizona

in Sections 9 & 10, Township No. 1 N., Range No. 15 E.;  
that said improvements consist of 2 cuts, 1 tunnel and 6 shafts, total  
value \$2775. Shaft No. 3 on the Orient No. 3 lode, value  
\$1170.00, being a common improvement for the benefit and devel-  
opment of the three claims of this survey, an undivided 1/3  
interest therein, value \$390.00, is properly credited to each  
of said claims.

and that no portion of said labor or improvements has been  
included in the estimate of expenditures upon any other claim. A copy of the report of  
Howard C. Hopkins, U. S. Deputy Mineral Surveyor, dated  
December 20, 1910, 18 is hereto attached.

Frank S. Ingalls,

U. S. Surveyor General for Arizona.

Office of U. S. Surveyor General,

Phoenix, Arizona,

February 4, 1910.

# FINAL OATHS FOR SURVEYS.

## LIST OF NAMES.

A list of the names of the individuals employed by Howard C. Hopkins

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 \_\_\_\_\_

M.A. Mercer

known as the ORIENT, ORIENT NO. 2, ORIENT NO. 3.

and showing the respective capacities in which they acted.

E.H. Hetherington, Chainman.

Jesse B. Fox, Chainman.

\_\_\_\_\_, Axman.

\_\_\_\_\_, Flagman.

## FINAL OATHS OF ASSISTANTS.

We, E.H. Hetherington

and Jesse B. Fox, do solemnly swear that we assisted Howard C. Hopkins

\_\_\_\_\_, United States Mineral Surveyor, in marking the corners and surveying the boundaries of the mining claim of \_\_\_\_\_

M.A. Mercer

known as the ORIENT, ORIENT NO. 2, ORIENT NO. 3.

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.

E.H. Hetherington, Chainman.

Jesse B. Fox, Chainman.

\_\_\_\_\_, Axman.

\_\_\_\_\_, Flagman.

Subscribed and sworn to by the above-named persons before me this 17<sup>th</sup>

day of July, 1909

My commission expires August 23, 1910.

E. G. Clark

Notary Public

FINAL OATH OF U. S. MINERAL SURVEYOR.

I, Howard C. Hopkins, U. S. Mineral Surveyor, do solemnly swear that, in pursuance of instructions received from the United States Surveyor General for Arizona, dated June 15, 1909, 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 M.A. Mercer, known as the ORIENT, ORIENT No. 2, ORIENT No. 3, situate in Globe Mining District, Gila County, Arizona, in Section 9 & 10, Township No. 1 N., Range No. 15 E., G. & S. R. Mer., Within Crook National Forest. and designated as Survey No. 2672, 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 her 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.

*Howard C. Hopkins*  
 U. S. Mineral Surveyor.

Subscribed and sworn to by the said Howard C. Hopkins  
 U. S. Mineral Surveyor, before me, a notary public in and for  
the County of Gila, Territory of Arizona, this Seventeenth  
 day of July, 1909.

*My commission expires August 23, 1910.*

*E. G. Clark*  
 Notary Public

AMENDED  
NOTICE OF MINING LOCATION  
LODE CLAIM.

TO ALL WHOM IT MAY CONCERN:

This Mining Claim, the name of which is the Orient Mining Claim, situate on lands belonging to the United States of America, and in which there are valuable mineral deposits, was entered upon and located for the purposes of exploration and purchased by M. A. Mercer a citizen of the United States the undersigned, on the 21 day of May 1909.

The length of this claim is 1500 feet, and I claim 300 feet, in a N.69°50'W. direction and 1200 feet in a S.69°50'E. direction from the center of the discovery shaft, at which this notice is posted, lengthwise of the claim, together with 300 feet in width of the surface grounds, on each side of the center of said claim. The general course of the lode deposit and premises is from the North west to the south east.

The claim is situated and located in the Globe Mining District, in Gila County, in the Territory of Arizona, about 4 miles in a north westerly direction from Globe on Pinal Creek in the N.W. 1/4 of Sec. 9, Tp. 1 N.R. 15 E. G & S R Mer.

The surface boundaries of the claim are marked upon the ground as follows: Beginning at a point from which the witness post of the north west end center bears S.55° 10'W. 20 - - at a point in a N.69°50'W. direction 300 feet from the discovery shaft (at which this notice is posted), being in the center of north west end line of said claim; thence N.55°10'E. 365 feet to a post, being the north corner of said claim; thence S.69°50'W. 1500 feet to a post being at the east corner of said claim; thence S.55°10'W. 365 feet to a post at the center of the south east end of said claim; thence S.55°10'W. 295 feet to a post, being at the south corner of said claim; thence N.69°50'W 1500 feet to a post at the west corner of said claim; thence N.55°10'E.295 feet to the place of beginning.

All done under the provisions of Chapter Six, of Title XXXII, of the Revised Statutes of the United States, and of an Act of the General Assembly of Arizona, entitled "An Act to Revise and Codify the Laws of the Territory of Arizona," approved March 16, 1901.

This is an Amended Location Notice of the Orient Mining Claim, located by M. A. Mercer on the 9th day of October 1905, and recorded in Book 10 of Records of Mines, at page 552, in the office of the County Recorder of the aforesaid County of Gila, to which reference is hereby made, and this Amended Location Notice is made and posted to correct errors in the description in the said original Location Notice.

Dated and posted on the ground this 21 day of May 1909.

M. A. Mercer  
Locator.

Filed and recorded at the request of W. H. Mercer at 20 minutes past 4 o'clock P. M. on the 21 day of May A.D. 1909.

E. T. Stewart County Recorder.

TERRITORY OF ARIZONA, }  
COUNTY OF GILA } ss.

I. E. T. STEWART, County Recorder in and for the County of Gila, Territory of Arizona, do hereby certify that the above and foregoing contain and constitute a full, true and correct copy of Amended Location Notice of  
the ORIENT Mining Claim,

as the same appears of record in my office in Book 15, Records of Mines,  
at page 332; that I have compared the same with the original record, and that the same is a true transcript and of the whole thereof.

Given under my hand and seal of office this 22nd day of  
May A. D. 1909.

*E. T. Stewart*

County Recorder, Gila County, A. T.



AMENDED  
NOTICE OF MINING LOCATION  
LODE CLAIM.

17

TO ALL WHOM IT MAY CONCERN:

This Mining Claim, the name of which is the Orient No. 2 Mining Claim, situate on lands belonging to the United States of America, and in which there are valuable mineral deposits, was entered upon and located for the purposes of exploration and purchased by M. A. Mercer a citizen of the United States the undersigned, on the 21 day of May 1909.

The length of this claim is 1500 feet, and I claim 120 feet, in a north easterly direction and 1380 feet in a south westerly direction from the center of the discovery shaft, at which this notice is posted, lengthwise of the claim, together with 300 feet in width of the surface grounds, on each side of the center of said claim. The general course of the lode deposit and premises is from the north east to the south west.

The claim is situated and located in the Globe Mining District, in Gila County, in the Territory of Arizona, about 4 Miles in a north westerly direction from Globe and in the N.W. 1/4 of Sec. 9 Tp. 1 N R 15 E. G & S R Mer and joins the Astonishment, Orient, Orient No.3, Disappointment and Deliverance claims.

The surface boundaries of the claim are marked upon the ground as follows: Beginning at a post at a point in a N.64°37'E. direction 120 feet from the discovery shaft (at which this notice is posted), being in the center of the east end line of said claim; thence S.40°35'E. 310 feet to a post, being the southeast corner of said claim; thence S.64°37'W. 1500 feet to a post, being at the south west corner of said claim; thence N.40°35'W. 310 feet to a post at the center of the west end of said claim; thence N.40°35'W. 310 feet to a post being at the northwest corner of said claim; thence N.64°37'E. 1500 feet to a post at the north east corner of said claim; thence S.40°35'E. 310 feet to the place of beginning.

All done under the provisions of Chapter Six, of Title XXXII, of the Revised Statutes of the United States, and of an Act of the General Assembly of Arizona, entitled "An Act to Revise and Codify the Laws of the Territory of Arizona," approved March 16, 1901.

This is an Amended Location Notice of the Orient No. 2 Mining Claim, located by M. A. Mercer on the 3rd day of February 1906 and recorded in Book 11 of Records of Mines, at page 469' in the office of the County Recorder of the aforesaid County of Gila to which reference is hereby made, and this Amended Location Notice is made and posted to correct errors in the description in the said original Location Notice.

Dated and posted on the ground this 21 day of May 1909.

M. A. Mercer Locator.

Filed and recorded at the request of W. H. Mercer at 20 minutes past 4 o'clock P. M. on the 21 day of May A.D. 1909.

E. T. Stewart County Recorder.

TERRITORY OF ARIZONA, }  
COUNTY OF GILA } ss.

I. E. T. STEWART, County Recorder in and for the County of Gila, Territory of Arizona, do hereby certify that the above and foregoing contain and constitute a full, true and correct copy of Amended Location Notice of  
the ORIENT NO. 2 Mining Claim,

as the same appears of record in my office in Book 15, Records of Mines,  
at page 333; that I have compared the same with the original record, and that the same is a true transcript and of the whole thereof.

Given under my hand and seal of office this 22nd day of

May A. D. 1909.

*E. T. Stewart*

County Recorder, Gila County, A. T.

AMENDED  
NOTICE OF MINING LOCATION  
LODE CLAIM.

18

TO ALL WHOM IT MAY CONCERN:

This Mining Claim, the name of which is the Orient No. 3 Mining Claim, situate on lands belonging to the United States of America, and in which there are valuable mineral deposits, was entered upon and located for the purposes of exploration and purchased by M. A. Mercer, a citizen of the United States the undersigned, on the 21 day of May 1909.

The length of this claim is 1500 feet, and I claim 10 feet, in a S. 69°50'E. direction and 1490 feet in a N.69°50'W. direction from the center of the discovery shaft, at which this notice is posted, lengthwise of the claim, together with 300 feet in width of the surface grounds, on each side of the center of said claim. The general course of the lode deposit and premises is from the south east to the north west.

The claim is situated and located in the Globe Mining District, in Gila County, in the Territory of Arizona, about 4 miles in a north westerly direction from Globe, and in the N. W. 1/4 of Sec. 9 Tp. 1 N R 15 E G & S R Mer.

The surface boundaries of the claim are marked upon the ground as follows: Beginning at a post at a point in a S.69°50'E. direction 10 feet from the discovery shaft (at which this notice is posted,) being in the center of the south east end line of said claim; thence S.55°10'W. 365 feet to a post, being the south corner of said claim; thence N.69°50'W. 1500 feet to a post being at the west corner of said claim; thence N.55°10'E. 365 feet to a post at the center of the north west end of said claim; thence N.55°10'E. 365 feet to a post, being at the north corner of said claim; thence S.69°50'E. 1500 feet to a post at the east corner of said claim; thence S.55°10'W.365 feet to the place of beginning.

All done under the provisions of Chapter Six, of Title XXXII, of the Revised Statutes of the United States, and of an Act of the General Assembly of Arizona, entitled "An Act to Revise and Codify the Laws of the Territory of Arizona," approved March 16, 1901.

This is an Amended Location Notice of the Orient No. 3 Mining Claim, located by M. A. Mercer on the 12th day of December 1906, and recorded in Book 13 of Records of Mines, at page 164, in the office of the County Recorder of the aforesaid County of Gila, to which reference is hereby made, and this Amended Location Notice is made and posted to correct errors in the description in the said original Location Notice.

Dated and posted on the ground this 21 day of May 1909.

M. A. Mercer  
Locator.

Filed and recorded at the request of W. H. Mercer at 20 minutes past 4 o'clock P. M. on the 21 day of May A.D. 1909.

E. T. Stewart County Recorder.

TERRITORY OF ARIZONA, }  
COUNTY OF GILA } ss.

I, E. T. STEWART, County Recorder in and for the County of Gila, Territory of Arizona, do hereby certify that the above and foregoing contain and constitute a full, true and correct copy of Amended Location Notice of the  
ORIENT NO. 3 Mining Claim,

as the same appears of record in my office in Book 15, Records of Mines,

at page 334; that I have compared the same with the original record, and that the same is a true transcript and of the whole thereof.

Given under my hand and seal of office this 22nd day of

May A. D. 1909.

*E. T. Stewart*

County Recorder, Gila County, A. T.

4-688.

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

**Department of the Interior,**

OFFICE OF U. S. SURVEYOR-GENERAL,

Phoenix, Arizona,

September 9, 1909.

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

M. A. Mercer

known as the ORIENT, ORIENT No. 2, ORIENT NO. 3

situate in GLOBE

Mining District, GILA County, ARIZONA

in Section s 9 and 10, Township No. 1 N., Range No. 15 E., G&amp;SRMer., and Within Crook National Forest.

designated as Survey No. 2672, 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 <sup>less than</sup> five hundred dollars' worth of labor has been expended or improvements made upon <sup>each of</sup> said mining claim by claimant or her grantors, and that said improvements consist of, at time of survey, 2 cuts and 3 shafts, total value, \$430.00

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 S. Ingalls,

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,

September 9, 1909

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

M. A. Mercer

, known as the

ORIENT, ORIENT NO. 2, ORIENT NO. 3

situate in GLOBE mining district,

GILA County, ARIZONA

in Sections 9 and 10, Township No. 1 N., Range No. 15 E., G&SR Mer.  
Within Crook National Forest

, designated as Survey No. 2672

executed by Howard C. Hopkins, U. S. Deputy Mineral

Surveyor, June 17-30, 1909, under my instructions dated

June 15, 1909, 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.

*Frank S. Ingalls*

U. S. Surveyor-General for Arizona.