

A L H

4-683

*platted*

MINERAL SURVEY No. 3428

LOT No. ....

Arizona Land District.

FIELD NOTES

OF THE SURVEY OF THE MINING CLAIM OF

John Gleeson

KNOWN AS THE

Challenge, Imperial and Lawrence <sup>lodes</sup>  
Turquoise Mining District,  
Cochise County, Arizona

Section 32, Township 19 S., Range 25 E.  
and "5" "20 S." "25 E."  
Surveyed under instructions dated Sept 5, 1917.

by John A. Rockefeller  
U. S. Mineral Surveyor.

Claim located <sup>Location</sup> See Notices, 19

Survey commenced Sept 17, 1917

Survey completed Sept 22, 1917

Address of claimant Gleeson, Ariz.

DATES OF AMENDED LOCATIONS.

.....  
.....  
.....



CHALLENGE LODE

3345 .07

Feet Beginning at Corner No. 1, the S.W. Corner on line 1 - 2 of Imperial Lode of this Survey. Set a pine post 4 ins. square, 4 ft. long, 14 ins. in the ground to hard pan, in a mound of stone, scribed S.W.C. - C 1 - 3428.

Whence: Corner of location, a monument of earth and stone (post gone) bears S. 16° 07' E. 345 ft. This is also the S.E. Corner of the Midget Lode, unsurveyed.

The 1/4 Corner on the S. boundary of: Sec. 32, Tp. 19 S., R. 25 E., G. & S. R. M. bears S. 37° 34' W. 407.5 ft.

The S.W. Corner of Midget Lode and S.E. Corner of Kelly Lode, both unsurveyed, bears S. 61° 05' W. 10.7 ft.

Corner No. 1 Imperial Lode of this Survey bears S. 61° 05' W. 610.5 ft.

XBR 1 - 3428 chiseled on a porphyry rock 14 X 4 ins. 6 ins. above ground bears S. 87° 00' W. 22.55 ft.

Thence N. 16° 07' W. Va. 13° 25' E. 1154.6 to Corner No. 2, identical with location and with N.E. Corner Midget Lode unsurveyed. - A post 6 X 4 ins. firmly set in the ground in a mound of stone, but chopped off a few inches above surface of ground. In its place set a pine post 4 ins. square, 4 ft. long, 12 ins. in ground to hard pan, in a mound of stone, scribed N.W.C-C 2 - 3428.

Whence: U.S. Mineral Monument No. 1 of Turquoise District, bears N. 19° 59' 30" W., 5810.4 ft.

Corner No. 5 Gleeson Lode Survey No. 1891 bears S. 79° 55' W., 10.5 ft.

XBR 2 - 3428 chiseled on a porphyry rock 14 X 14 X 6 ins. bears S. 35° 22' W. 41.03 ft.

XBR 2 - 3428 chiseled on a porphyry face 7 X 8 ins. bears N. 81° 50' W. 31.6 ft.

Thence N. 79° 55' E. Va. 13° 30' E. 294.5 S. C. End Gleeson Lode Survey No. 1891

301.5 N. Center End identical with location. A monument of stone



Feet Beginning at corner of the S.E. corner of the Gleason Lode Survey No. 1891. 1891

499.7 Center of track Arizona Eastern R.R. Course S.  $51^{\circ} 44'$  E.

592.3 Post scribed N.W.C & G and N.E.C-C, *Course of which claims?*

m 599.5 Corner-No. 4 Gleason Lode Survey No. 1891. *part*

603.1 To Corner No. 3, Set a pine post 4 ins. square, 4 ft. long, 6 ins. in ground to hard pan in a mound of stone, scribed N.E.C - C 3 - 3428. *also the corner of the*

Whence: Corner of location a monument of stone with stump of decayed post bears N.  $79^{\circ} 55'$  E. 10.5 ft.

XBR 3 - 3428 chiseled on brown limestone in a reef 30 X 24 X 6 ins., bears N.  $59^{\circ} 36'$  W. 8.8 ft.

XBR 3 - 3428 chiseled on brown limestone in a reef 30 X 20 X 4 ins. bears N.  $88^{\circ} 06'$  E. 4.37 ft.

Thence S.  $16^{\circ} 07'$  E. Va.  $13^{\circ} 35'$  E. X

112.4 Center of track Arizona Eastern R.R. Course S.  $51^{\circ} 44'$  E.

300 Center of West end of a shaft 6 X 4 ft. approximately 17 ft. deep to water

954.98 Intersect line 1 - 2 Imperial Lode of this Survey at S.  $61^{\circ} 05'$  W. <sup>267.16</sup> ~~256.46~~ ft. from Corner No. 2 and N.  $61^{\circ} 05'$  E. <sup>1225.44</sup> ~~1236.14~~ ft. from Corner No. 1

958.4 Pt, whence post scribed S.C.E. - G bears S.  $79^{\circ} 55'$  W. 3.1 ft. *bedrock, which is known to be of*

Also same course 10.2 ft. a monument of stone, **A** post scribed S.E.C - G bears N.  $79^{\circ} 55'$  E 112 ft.

1154.6 To Corner Number 4. Set a pine post 4 ins. square, 4 ft. long, 10 ins. in ground to hard pan, in a mound of stone, scribed S.E.C - C 4 - 3428. *part of the*

Whence Corner of location a mound of earth and stone, partially destroyed (post gone) bears S.  $82^{\circ} 35'$  E. 11.4 ft.

XBR 4 - 3428 chiseled on a limestone 12 X 5 X 3 ins. bears N.  $66^{\circ} 20'$  W. 54.55 ft. *part of the*

No other rock or tree bearings available.

Thence S.  $79^{\circ} 55'$  W. Va.  $13^{\circ} 35'$  E. *part of the*

10.7 Pt. whence S.  $16^{\circ} 07'$  E. 3.45 ft. center of stone monu-



No. 3428

4

Feet ment.

301.5 S. Center End, Set a pine post 4 ins. Square, 12 ins. in ground to hard pan, in a mound of stone, scribed S C E-C - 3428.

Whence: the S. Center end of location bears S. 16° 07' E. 3.45 ft.

A mound of earth and stone, partially destroyed (post gone)

312.6 Pt. whence a post in a mound of stone bears S. 16° 07' E. 3.45 ft.

603 To Corner No. 1, the place of beginning.

IMPERIAL LODE.

Beginning at Corner No. 1, identical with location, a mound of earth and stone, with decayed stump of post. Set a pine post 4½ ft. long, 18 ins. in the ground, in a mound of stone, scribed N W C - I 1-3428.

Whence: The closing corner between Secs. 5-6 on N. boundary of Tp. 20 S. ~~Range 24 E~~ <sup>Range 25 E bears</sup> boundary S 81° 24' W. 185.7 ft. The 1/4 corner on S. boundary Sec. 32, Tp. 19 S. Range 25 E, bears S. 84° 27' E. 287.3 ft.

Corner No. 2 Olema lode, Survey No. 3397, bears S. 37° 28' E. 35.0 ft. U. S. M. M. No. 1, Turquoise Dist. bears N. 14° 29' W. 7090.0 ft.

Thence N. 61° 05' E. Va. 13° 35' E.

65.4 Intersect wire yard-fence approximately N. 40° W. 74 ft. from S. W. Corner

91.5 Intersect North front of frame dwelling house at 5.2 ft. from N.E. Corner house, approximately N. 50° E. 30 ft. by S. 40° E. 26 ft.

96.9 Intersect E. side of house 1.0 ft. from N.E. Corner

114.0 Intersect wire yard-fence northwesterly 63.5 ft. from



## Feet

- S.E. Corner. S.E. Corner of fence distant 49.5 ft. from S.W. Corner
- 123.0 Enter broad sand-wash; course southeasterly
- 570.0 Leave sand-wash
- 599.8 S.E. Corner Kelly Lode and S.W. corner Midget Lode, both unsurveyed; a mound of earth and stone (post gone)
- 610.5 Corner No. 1 Challenge Lode of this Survey
- 1225.44 Intersect line 3 - 4 of Challenge Lode of this Survey at N.  $16^{\circ} 07'$  W. 199.62 ft. from corner No. 4
- 1236.14 Post angle corner of Bald Eagle Lode, unsurveyed
- 1492.6 To Corner No. 2, identical with location, a post in mound of stone, scribed N E C - I. As post is decayed, set in its place a pine post 4 ins., <sup>of</sup> 4 ft. long, 12 ins. in ground, to hard pan, in a mound of stone, scribed N E C - I 2 - 3428.
- Whence X B. R. 2-3428 chiseled on a limestone 8 X 6 X 4 ins. bears N.  $72^{\circ} 56'$  E. 11.1 ft. No other rock or tree bearings available.
- Thence S.  $37^{\circ} 28'$  E. Va.  $13^{\circ} 25'$  E.
- 303.1 E. center end, ~~identical~~ with location, a post 4 ins. sq.,  $2\frac{1}{2}$  ft. above ground, in a mound of stone, scribed ECE - I add 3428
- 561.9 To Corner No. 3, identical with location, a post 4 ins. sq.,  $3\frac{1}{2}$  ft. above ground, in a mound of stone, scribed SEC - I add 3-3428 (post in good condition).
- Whence: X B. R. 3-3428 chiseled on a limestone 24 X 20 X 5 ins., bears S.  $0^{\circ} 08'$  W. 19.5 ft. X B. R. 3-3428, chiseled on limestone 30 X 24 X 2 ins., bears S.  $85^{\circ} 31'$  E. 11.75 ft.
- Thence: S.  $59^{\circ} 24'$  W. Va.  $13^{\circ} 30'$  E.
- 286.7 Post, N. E. corner Lawrence lode of this survey.
- 350.7 Enter broad sand-wash; course S. Easterly.
- 501.7 Leave sand-wash
- 512.7 Barbed wire fence bears N. Westerly and S. Easterly
- 586.7 N. center end monument of Lawrence lode of this survey



| Feet   |   |
|--------|---|
| 598.53 | Intersect line between Townships 19 S and 20 S., Range 25 E. at S. $89^{\circ} 55'$ E. 847.25 ft. from $1/4$ corner on S. boundary of Sec. 32 and N. $89^{\circ} 55'$ <sup>W.</sup> W. 1781.25 ft. from Corner Secs. 32-33  |
| 743.2  | Post in mound of stone  |
| 792.7  | Enter sand wash, a branch of main broad wash; course S. Easterly.   |
| 886.7  | Intersect barbed wire fence, at course N. Westerly and S. Easterly _____ At N. W. corner of Lawrence lode of this survey and <sup>pt. for</sup> true N. E. corner (No. 2) of Gladys lode, Survey No. 3397. The point is indicated by a stake driven in sand-wash.   |
| 911.7  | Leave sand-wash.  |
| 930.5  | Witness corner, Corner No. 2 Gladys lode, <sup>Sur. No. 3397</sup> an iron pipe in concrete base  |
| 1186.7 | N. center end Gladys lode, Survey No. 3397, a post scribed N E C G - 3397   |
| 1486.7 | To corner No. 4, identical with location and with Corner No. 1 Gladys lode, and Corner No. 3 Olema lode, both of Survey No. 3397 _____<br>An iron pipe 2 inches in diameter, 2 ft. above ground, in a base of concrete, the pipe chiseled 3-1-3397- <del>O</del> -G, the base graven $\Delta O$ , and N W C - G, Add to chiseling on pipe 4-3428-I and to base S W C-I. No rock or tree bearings available. |
| 303.1  | Thence N. $37^{\circ} 28'$ W! Va. $13^{\circ} 30'$ E.<br>W. center end, identical with location, a mound of earth; post gone; set a pine post 4 ins. sq., $4\frac{1}{2}$ ft. long, 18 ins. in the ground, in a mound of stone, scribed W. C. E.- I 3428.  |
| 571.2  | Corner No. 2 Olema lode, Survey No. 3397. Intersect line between Sec. 32, Tp. 19 S., Range 25 E., and Sec. 5, Tp. 20, S., Range 25 E., at East 204.9 ft. from C. C. between Secs. 5-6 and west 264.7 ft. from $1/4$ corner  |



Feet

on S. boundary Sec. 32

606.2 To corner No. 1, the place of beginning.

LAWRENCE LODE.

Beginning at Corner No. 1, identical with location, and with Corner No. 2 Gladys lode, Survey No. 3397, a stake set in a sand-wash. As this point is not suitable for a permanent monument, establish a witness corner S. 28° 50' E. 44.0 ft. Set a pine post 4 ins. sq., 4 ft. long, 18 ins. in the ground, in a mound of stone, scribed W. C. NWC - L 1-3428.

Whence (from true corner) The closing corner between Secs. 5-6 on N. boundary of Tp. 20 S., Range 25 E., bears N. 82° 07' W. 1079.0 ft.

The 1/4 corner on S. boundary Sec. 32, Tp. 19 S., Range 25 E., bears N. 76° 08' W. 617.2 ft.

U. S. M. M. No. 1, Turquoise Dist., bears N. 20° 41' W. 7525.5 ft. The witness monument to Corner No. 2 Gladys lode, Sur. No. 3397, bears S. 59° 24' W. 43.8 ft.

Thence N. 59° 24' E. Va. 13° 25' E.

Barbed wire fence bears N. Westerly and S. Easterly

94. Leave sand-wash; course S. Easterly.

143.5 Post in a mound of stone

288.17 Intersect line between Townships 19 S. and 20 S., Range 25 E. at S. 89° 55' E. 847.25 ft. from 1/4 corner on S. boundary Sec. 32, and N. 89° 55' W. 1781.25 ft. from corner Secs. 32-33.

300.0 N. center end, a monument of stone.

374.0 Barbed wire fence bears N. Westerly and S. Easterly

385.0 Enter wash; course S. Easterly.

536.0 Leave wash.

600.00 To corner No. 2, identical with location, a post 4 ins. sq., 3 ft. above ground, in a mound of stone, scribed N E C-L add 2-3428, also scribed N W C - G H for N. W. corner Good Hope lode, unsurveyed.



| Feet   |   |
|--------|---|
|        | Whence X B R 2-3428, chiseled on a limestone, 30 X 30 X 8 ins., bears N. $50^{\circ} 56'$ E. 118.35 ft.   |
|        | X B R 2-3428, chiseled on a limestone, 20 X 10 X 3 ins., bears S. $76^{\circ} 16'$ E. 122.7 ft.   |
|        | Thence S. $28^{\circ} 50'$ E. Va. $13^{\circ} 25'$ E.   |
| 121.0  | Enter broad sand-wash; course S. Easterly   |
| 181.79 | Intersect line between Tps. 19 S. and 20 S., Range 25 E., at S. $89^{\circ} 55'$ E. 1203.34 ft. from 1/4 corner on S. boundary Sec. 32, and N. $89^{\circ} 55'$ W. 1425.16 ft. from <del>the</del> corner of Secs. 32 and 33.                               |
| 605.1  | Pt. for Cor. No. 1 Tom lode, Sur. No. 2882.   |
| 752.0  | Leave sand-wash.  |
| 1201.1 | To Corner No. 3, identical with location, also with Corner No. 2 Orange lode, Survey No. 3394, an iron pipe 3 ins. diameter and 2 ft. above ground, in a base of concrete, the pipe chiseled 2-3394-0 add 3-3428L, the base graven N E C - 0 and S E C - L. |
|        | Whence <del>Corner No. 5 of this lode and Corner No. 1 Orange lode</del> bears S. $58^{\circ} 31'$ W. 600.4 ft.   |
|        | Corner No. 5 Tom lode, Survey No. 2882, and Corner No. 1 International lode, Survey No. 3394, an iron pipe in concrete base bears S. $28^{\circ} 50'$ E. 8.5 ft. No rock or tree bearings available.  |
|        | Thence S $57^{\circ} 38'$ W. Va. $13^{\circ} 20'$ E.  |
|        | Barbed wire fence bears N. Westerly and S. Easterly.  |
| 300.5  | To Corner No. 4, identical with location, a decayed post (top broken off) in a mound of stone. In its place set a pine post 4 ins. sq., 4 ft. long 6 ins. in ground to hard pan, in a mound of stone, scribed SCE-L 4-3428,                                 |
|        | Whence X B R <sup>3428</sup> 4-2834, chiseled on bed rock in reef, bears N. $19^{\circ} 21'$ W. 45.6 ft. No other rock or tree bearings available.  |
|        | Thence S $59^{\circ} 24'$ W. Va. $13^{\circ} 25'$ E.  |
|        | Along a barbed wire fence   |
| 216.0  | Fence corner,   |
| 225.0  | Center of wagon road extending S. Easterly, at junction   |



| Feet   |  |
|--------|--|
|        | of two roads coming from W. N. Westerly and N. Westerly directions. Road from Gleeson to Courtland.  |
| 300.0  | To Corner No, 5, identical with location, and with Corner No. 1 Orange lode, Survey No. 3394, also on line 2-3, Gladys lode, Survey No. 3397. An iron pipe 2 ins. diameter, 2½ ft. above ground in a base of concrete, the base given SWC-L and NWC-0, the pipe chiseled 1-3394-0 add 5-3428L. No rock or tree bearings available. |
|        | Thence N 28° 50' W. Va. 13° 20' E.   |
| 106.4  | Center of road bears N. N. W. & E. S. E.   |
| 175.4  | Center of road bears N. W. & S. E.   |
| 230.4  | Corner of barbed wire fence.   |
|        | Thence along fence   |
| 460.4  | Stone monument   |
| 605.7  | Post scribed W.C.S.-L add 3428   |
| 1166.4 | Witness monument to Corner No. 1, heretofore described.  |
| 1178.4 | Enter sand-wash; course S. Easterly  |
| 1210.4 | To Corner No. 1, the place of beginning.   |

A R E A S

|  | Acres    |
|--|----------|
| CHALLENGE LODE:<br>Area in conflict with Imperial lode, this survey, 1.374 | 15.894 ✓ |
| IMPERIAL"LODE  | 19.790 ✓ |
| LAWRENCE LODE<br>Area in conflict with Orange lode, Sur. No. 3394, 0.032   | 16.633 ✓ |

AREAS IN CONFLICT:

|                                       |                    |
|---------------------------------------|--------------------|
| <del>CHALLENGE - IMPERIAL LODES</del> | <del>1.374</del> ✓ |
| <del>LAWRENCE LODE and ORANGE</del> ) | <del>0.032</del> ✓ |
| <del>LODE, Survey No. 3394</del> )    |                    |

LOCATION.

This claim is located in Sec. 32, Tp. 19 S., Range 25 E., and Sec. 5, Tp. 20 S., Range 25 E., G. & S. R. M.,



in Turquoise Mining District, Cochise County, Arizona.

LODE LINES.

The presumed courses of the veins or lodes are as follows:

On the Challenge, N. 16° 07' W. 1154.6 ft. from S. C. E. to N. C. E.

On the Imperial, N. 61° 05' E. 1492.6 ft. from W. C. E. to E. C. E.

On the Lawrence, N. 28° 50' W. 1210.4 ft. from S. C. E. to N. C. E.

ADJOINING CLAIMS.

On the North:

Kelly lode, unsurveyed; Gleeson lode, Survey

No. 1891. John Gleeson claimant of both.

On the East:

Gnat lode, unsurveyed, Shannon Copper Co. claimant; Bald Eagle lode, unsurveyed, Costello Estate et al, claimants; Good Hope, unsurveyed, M. H. O'Connor claimant; Tom lode, Sur. No. 2882, Costello Estate claimant.

On the South:

Orange lode, Sur. No. 3394; Tejon Mining Co. and John Gleeson claimants; Gladys lode, Survey No. 3397, Tejon Mining Company claimant.

On the West:

Gladys lode, mentioned above; Olema lode, Sur. No. 3397, Tejon Mining Company claimant; Midget lode, unsurveyed, John Gleeson claimant.



IMPROVEMENTS.

I certify that the value of labor and improvements made upon or for the benefit of each of the locations embraced in said mining claim by the claimant, or his grantors, is not less than five hundred dollars, and said improvements consist of:

ON THE CHALLENGE LODE.

No. 1) Discovery shaft, the center of the west side of which bears S. 16° 07' E. 913.6 ft. from N. center end. Shaft 6 X 4 ft., 9½ ft. deep to debris.

Value \$90.00

No. 2) An open cut, the center of east end of which bears from N. center end S. 38° 04' W. 233 ft. Course of cut westerly 66 ft., average 3½ ft. wide; easterly 25 ft., average depth 6 ft.; westerly 41 ft. from 6 ft. to 0 in depth. All in rock.

Value \$ 200.00

← From point on lode line at S. 16° 07' E. 497.3 ft. from N.C.E.

No. 3) A shaft, the center of which bears S. 72° 27' W. 170.5 ft. Shaft 6 X 4 ft., depth from collar to water 54 ft., to bottom 60 ft. or more. Shaft timbered to water. Collar 4 ft. above surface of ground.

Value, 56 ft. timbered shaft at \$14 per foot \$784.00

← From point on lode line at S. 16° 07' E. 706 ft. from N.C.E.

No. 4) A shaft, the center of which bears N. 73° 53' E. 10 ft. Shaft 6 X 4 ft. Depth from collar to bottom 49 ft., timbered 4 ft.

Value, 49 ft. shaft at \$10 per ft. \$490.00

← From point on lode line at S. 16° 07' E. 908.7 ft. from N.C.E.

No. 5) An open cut and tunnel. The center of face of cut bears S. 73° 53' W. 14.5 ft. Thence S. S. Westerly 44 ft. to mouth of cut. From face of cut a tunnel extends E. N. Easterly 26 ft., thence deflects about



70° and extends northerly 13 ft. Tunnel 6½ X 4½ ft.

The claimant states that the cut was made by former locators, hence value of tunnel only is claimed

39 ft. of tunnel at \$8 per ft. Value \$ 312.00

ON THE IMPERIAL LODGE.

No. 1) Discovery shaft. The point of discovery is S. 61° 05' W. 403 ft. from E. Center end. The center of hanging wall of shaft is S. 28° 55' E. 10 ft. from this point, Shaft 7 X 4 ft., perpendicular 7 ft. timbered, timbers and lagging sustained by waste filled in as shaft once larger.

Thence incline pitching approximately N. 28° 55' W.,,

under lode line. Hanging wall sustained by stulls.

Depth to point dangerous to explore further, 30 ft.,

said to be much deeper. One drift, westerly, of 10 feet, 6½ X 4 ft.

Value of 37 ft. of shaft, partly timbered, at \$12 per foot \$444., of 10 ft. drift at \$10 per ft.

\$100 - Total Value \$544.00

From point on lode line at S. 61° 05' W. 401 ft. from E.C.E.

No. 2) A shaft, the center of which bears N. 83° 20' E. 46 ft. Shaft 6 X 4 ft., 15 ft. deep.

Value \$125.00

ON THE LAWRENCE LODGE:

No. 1) Discovery shaft, the center of W. end of which bears from S. center end. N. 28° 50' W. 119 ft. Shaft 6 X 4 ft., 31 ft. from collar to bottom, timbered 12 ft.

Value at \$10 per foot \$310.00

From N. Center End,

No. 2) A shaft, the center of which bears S. 64° 00' E. 24.0 ft. Shaft 6 X 4 ft., caved now 31 ft. deep, in



cement, partly timbered.

Value at \$5 per foot \$155.00

No.3) A shaft, the center of which bears S. 5° 00' E.

24.2 ft. Shaft circular, 4 ft. diameter, walled with concrete. Depth 50 ft.

Value at \$10 per foot \$500.00

OTHER IMPROVEMENTS:

ON THE CHALLENGE LODE:

Cut described in connection with improvement No.5.

Claimant unknown.

ON THE IMPERIAL LODE:

Dwelling house described in topography of line

1 - 2 . John Gleeson claimant.

From a point on lode line at S. 61° 05' W. 401 ft.

Old shafts caved, now 7 to 8 ft. deep, the center

of each bears as follows:

A N. 6° 00' E. 51 ft.

B N. 34° 30' W. 47 ft.

C N. 80° 20' W. 73 ft.

The claimants are unknown.

A barbed wire fence described in notes. John Gleeson claimant. A board house, the S E corner of which bears N. 84° 12' W. 118.1 ft. from point on line 3 - 4, at S. 59° 24' W. 586.7 ft. from corner No. 3. House 12 X 10 ft. John Gleeson Claimant.



INSTRUMENT.

This Survey was made with a Young & Sons' Mountain Transit, (No. 6855) provided with a Smith Solar Attachment. The courses were deflected from true meridian as determined from direct solar observation.

The distances were measured with 500 ft. and 50 ft. steel tapes.

REPORT.

U. S. Mineral Monument No. 1 of Turquoise District is a post 8 ft. high, in a conical mound of stone, scribed U.S.M.M. No. 1.

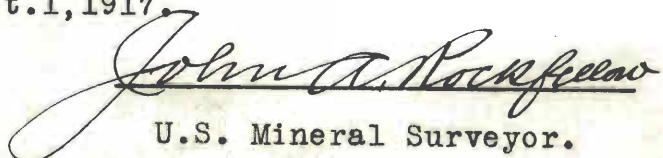
The closing corner between Secs. 5 - 6, on the N. boundary of Tp. 20, S., Range 25 E., is a limestone firmly set exposing 7 X 6 X 6 ins., chiseled 5 notches on the East, one notch on the West and C.C. on the South. The course and distance from said closing corner to U.S. M.M. No. 1 is N. 12° 59' W. 7073.3 ft. The 1/4 Sec. Cor. on S. boundary of Sec. 32, Tp. 19 S., Range 25 E., is an iron pipe. It once bore a brass cap, properly marked, but cap has recently been removed.

The corner of Secs. 32 - 33, on S. boundary of Tp. 19, S., Range 25 E., is a standard iron corner with brass cap. The cap is incorrectly marked as being the corner of Sections 4 - 5 - 32 - 33. The closing corner between Secs. 4 - 5, is East 2215.5 ft., and is correctly marked.

The corners of the Gleeson Lode, Sur. No. 1891, mentioned in notes, are juniper posts in stone monuments and properly marked. Corner No. 2, Olema Lode, Sur. No. 3397, is an iron pipe in base of concrete, the pipe chiseled 2 - 3397 - 0, and base N E C - 0.

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Tombstone, Arizona, Oct. 1, 1917.

  
U.S. Mineral Surveyor.



# FINAL OATHS FOR SURVEYS.

## LIST OF NAMES.

A list of the names of the individuals employed by John A. Rockefeller  
 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 John  
Gleson  
 known as the Challenge, Imperial & Lawrence lodes  
 and showing the respective capacities in which they acted.

M. H. O'Connor, Chainman.  
 \_\_\_\_\_, Chainman.  
 \_\_\_\_\_, Axman.  
 \_\_\_\_\_, Flagman.

## FINAL OATHS OF ASSISTANTS.

I, M. H. O'Connor  
 \_\_\_\_\_, do solemnly swear that we assisted John A.  
Rockefeller, United States Mineral Surveyor, in marking the corners and surveying  
 the boundaries of the mining claim of John Gleson  
 known as the Challenge, Imperial & Lawrence 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 ~~our~~ <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

M. H. O'Connor, Chainman.  
 \_\_\_\_\_, Chainman.  
 \_\_\_\_\_, Axman.  
 \_\_\_\_\_, Flagman.

Subscribed and sworn to by the above-named persons before me this 24<sup>th</sup>

day of September, 1917

M. O. Phiers  
 Notary Public

My commission expires Jan. 29/1921.

FINAL OATH OF U. S. MINERAL SURVEYOR.

I, Johna Rockefeller, U. S. Mineral Surveyor,  
do solemnly swear that, in pursuance of instructions received from the United States  
Surveyor General for Arizona, dated  
Sept 5 1917, 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 John Gleason  
, known as the  
Challenge, Imperial and Lawrence lodes  
situate in Surquoise Mining District,  
Cochise County, Arizona in Section  
32, Township No. 19 S, Range No. 25 E and Sec 5 T 20 S, R 25 E  
and designated as Survey No. 3428, 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 per-  
petuated in strict accordance with the law, official regulations and instructions there-  
under; 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 his 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.

Johna Rockefeller  
U. S. Mineral Surveyor.

Subscribed and sworn to by the said Johna Rockefeller  
U. S. Mineral Surveyor, before me \_\_\_\_\_  
\_\_\_\_\_ this 6<sup>th</sup>  
day of November, 1917

J. M. Court  
United States Commissioner



NOTICE OF MINING LOCATION  
LODE CLAIM

TO ALL WHOM IT MAY CONCERN:

This Mining Claim, the name of which is the Challenge 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 purchase by Martin Fitz Maurice, a citizen of the United States, the undersigned, on the First day of January 1907.

The length of this claim is 1156.1 feet and I claim 911.1 feet in a Northerly direction, and 245 feet in a Southerly 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 N. 16° 07' W.

The claim is situated and located in the Turquoise Mining District, in ----- County, in the Territory of Arizona, and is a southerly extension of the Gleeson lode Survey No. 1891.

The surface boundaries of the claim are marked upon the ground as follows: Beginning at a post in a mound of stone, at a point in a Northerly direction 911.1 feet from the discovery shaft (at which this notice is posted), being in the center of the North end line of said claim; thence N. 79° 55' E. 312 feet to a post in a mound of stone, being the N. E. corner of said claim; thence S. 16° 07' E. 1156.1 feet to a post in a mound of stone, being at the S. E. corner of said claim; thence S. 79° 55' W. 312 feet to a post in a mound of stone, at the center of the South end of said claim thence same course 312 feet to a post in a mound of stone being at the S. W. corner of said claim; thence N. 16° 07' W. 1156.1 feet to a post in a mound of stone at the N. W. corner of said claim; thence N. 79° 55' E. 312 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.

Dated and posted on the ground this First day of January 1907.

This is a relocation of the Chance Claim, abandoned.

Martin Fitz Maurice

Witness:

Emil Berry.

Filed and recorded at request of E. L. Robinson, Jan. 26, 1907, at 5:P.M. Book 38 Record of Mines, Page 44





## NOTICE OF MINING LOCATION

## LODE CLAIM

TO ALL WHOM IT MAY CONCERN.

This Mining Claim, the name of which is the Imperial 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 purchase by Martin Fitz Maurice, a citizen of the United States, the Undersigned, on the First day of January, 1907.

The length of this claim is 1500 feet and I claim 359 feet in a Easterly direction, and 1141 feet ina 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 S. 61° 04' W.

The claim is situated and located in the Turquoise Mining District, in Cochise County, in the Territory of Arizona, about 1000 ft. southerly from the Gleeson lode Survey No. 1891, From the N. E. corner U. S. Mineral Monument No. 1 Turquoise District bears approximately N. 26° 30' W. 6800 ft. On the North adjacent claims are the Kelly, Challenge and a portion of the Bald Eagle.

The surface boundaries of the claim are marked upon the ground as follows: Beginning at a post in a mound of stone at a point in an Easterly direction 359 feet from the discovery shaft ( at which this notice is posted), being in the center of the East end line of said claim; then ce S. 37° 30' E. 303.4 feet to a post in a mound of stone, being the S. E. corner of said claim; thence S. 61° 04' W. 1500 feet to a post in a mound of stone, being at the S. W. corner of said claim; thence N. 37° 30' W. 303.4 feet to a post in a mound of stone at the center of the West end of said claim thence same course 303.4 feet to a post in a mound of stone, being at the N.W. corner of said claim; thence



N. 61° 04' E. 1500 feet to a post in a mound of stone , at the N. E. corner of said claim; thence S. 37° 30' E. 303.4 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.

Dated and posted on the ground this First day of January, 1907.

This is a relocation of the Independence of claim, abandoned.

Martin Fitz Maurice

Witness :  
Emil Berry

Filed and recorded at request of E. L. Robinson,  
Jan. 26, 1907, at 5. P. M. in Book 38 Record of Mines, page 43.

RAY B. KREBS,  
COUNTY RECORDER

6948

H. L. HUTCHISON,  
CHIEF DEPUTY

**OFFICE OF THE COUNTY RECORDER**  
COCHISE COUNTY, ARIZONA

**Certificate**

STATE OF ARIZONA, )  
                                  :SS  
County of Cochise )

I, RAY B. KREBS, County Recorder in and for the County of Cochise, State of Arizona, do hereby certify that the annexed and foregoing is a full, true and correct copy of **Location Notice of the IMPERIAL Mining Claim**

as appears of record now in this office in Book **38 Record of Mines** at pages **43**

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal, at my office in Tombstone, this **24** day of **August** A. D. 1917

RAY B. KREBS,  
COUNTY RECORDER

By *Yes M. Hales*  
Deputy





NOTICE OF MINING LOCATION  
LODE CLAIM

TO ALL WHOM IT MAY CONCERN:

This Mining Claim, the name of which is the Lawrence 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 purchase by Martin Fitz Maurice a citizen of the United States the undersigned, on the First day of January 1907.

The length of this claim is 1210 feet and I claim 1055 feet in a Northerly direction, and 155 feet in a Southerly 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 N. 28° 50' W.

The claim is situated and located in the Turquoise Mining District, in Cochise County, in the Territory of Arizona, about 1600 ft. Southerly from the Gleeson lode Survey No. 1891. From the N. E. corner U. S. Mineral Monument No. 1 Turquoise Dist. bears approximately N. 25° 40' W. 7375 ft. This claim is bounded on the North by the Imperial lode claim.

The surface boundaries of the claim are marked upon the ground as follows: Beginning at a post in a mound of stone at a point in a Northerly direction 1055 feet from the discovery shaft ( at which this notice is posted), being in the center of the North end line of said claim; thence N. 59° 23' E. 300 feet to a post in a mound of stone, being the N. E. corner of said claim; thence S. 28° 50' E. 1200.6 feet to a post in a mound of stone, being at the S. E. corner of said claim; thence S. 57° 36' W. 300.4 feet to a post in a mound of stone at the center of the South end of said claim, thence S. 59° 23' W. 300 feet to a post in a mound of stone, being at the S. W. corner of said claim; thence N. 28° 50' W. 1210 feet to a post in a mound of stone at the N. W. corner



of said claim; thence N. 59° 23\_ E. 300 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.

Dated and posted on the ground this First day of January 1907.

This is a relocation of the Lizzie claim, abandoned.

Martin Fitz Maurice

Witness:

Emil Berry

Filed and recorded at request of E. L. Robinson, Jan. 26, 1907, at 5:P.M. Book 38 Records of Mines, Page 45.



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RAY B. KREBS,  
COUNTY RECORDER

H. L. HUTCHISON,  
CHIEF DEPUTY

**OFFICE OF THE COUNTY RECORDER**  
COCHISE COUNTY, ARIZONA

**Certificate**

STATE OF ARIZONA, )  
                                  :SS  
County of Cochise )

I, RAY B. KREBS, County Recorder in and for the County of Cochise, State of Arizona, do hereby certify that the annexed and foregoing is a full, true and correct copy of **Location Notice of the LAWRENCE Mining Claim**

as appears of record now in this office in Book **38 Record of Mines**, at pages **45**.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal, at my office in Tombstone, this **24** day of **August**, A. D. 191**7**

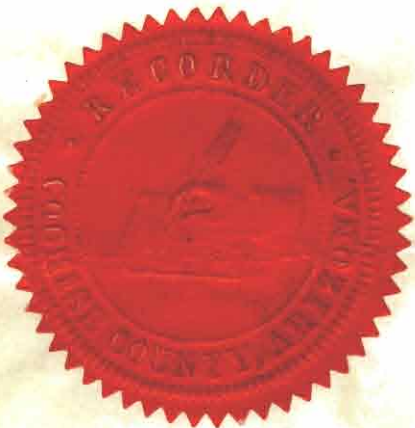
RAY B. KREBS

COUNTY RECORDER

By

*[Handwritten Signature]*

Deputy



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

Department of the Interior,

OFFICE OF U. S. SURVEYOR-GENERAL,

Phoenix, Arizona.

April 6, 1918.

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

John Gleeson

known as the Challenge, Imperial and Lawrence lodes

situate in Turquoise

Mining District, Cochise County, Arizona.

in Section 32, Township No. 19 S., Range No. 25 E., and " 5, " " 20 S., " " 25 E. designated as Survey No. 3428, 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 each of said mining claims by claimant or his grantors, and that said improvements consist of 8 shafts, 2 cuts, 1 tunnel and 1 drift, total value \$3510.

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,

April 6, 1918.

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

John Gleeson

, known as the

CHALLENGE, IMPERIAL AND LAWRENCE LODES.

situate in TURQUOISE mining district,

COCHISE County, ARIZONA.

in Section 32, Township No. 19 S., Range No. 25 E. and 5, 20 S., 25 E.

, designated as Survey No. 3428

executed by John A. Rockfellow, United States Mineral

Surveyor, September 17-22, 1917, under my instructions dated

September 5, 1917, 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.

[Handwritten signature]

U. S. Surveyor-General for Arizona.