

4-683

MINERAL SURVEY No. 3770

ARIZONA

Land District.

FIELD NOTES

OF THE SURVEY OF THE MINING CLAIM OF

D. A. BYRNE

KNOWN AS THE

CHELSEA NO. 1, CHELSEA NO. 2, CHELSEA NO. 3, CHELSEA NO. 4,
MARION, CHARLOTTE lodes

COPPER BASIN

Mining District,

YAVAPAI

County,

ARIZONA

Section ~~Approx~~ 31, Township 13 N., Range 3 W unsur.

Surveyed under instructions dated May 16, 19 21, and
June 24, 1921 Amended Order

by J. WILLIAM WAARA

U. S. Mineral Surveyor.

Claim located ^{location} See notices, 19

Survey commenced June 1, 19 21

Survey completed August 30, 19 21

Address of claimant Robert E Morrison, Prescott Arizona
Attorney for claimant.

DATES OF AMENDED LOCATIONS.

Feet

MINERAL SURVEY NO. 3770

CHELSEA NO. 1 lode

Beginning at Cor. No.1; identical with Cor. No.1 Chelsea No.2 lode of this survey, a granite stone 8 x 10 x 24 inches long set twelve inches in the ground with a substantial mound of stone alongside; chiseled C 1-1, C 2-1 3770 with cross on top for exact corner point, whence,

U.S.M.M No. 3770 brs. S.64°-33'W. 317.0 ft.

A granite boulder 4 x 3 x 2 feet exposed and chiseled BxR C 1,1 3770 brs. N.84°-54'W. 45.4 ft.

No other bearings available.

Thence N.8°-38'W.

174.6 Intersect line 1-2 Marion lode of this survey, S.60°-22'W. 306.2 feet from Cor. No.2.

300.0 WEST CENTER END, identical with east center end, Chelsea No.2 lode, a mound of stone.

599.1 Witness Cor. to Cor.No.2 this lode, hereafter described.
600.0 TO COR. NO.2, identical with Cor. No.4 Chelsea No.2 lode
true point for true point for

of this survey, a point where it was impracticable to set a stone for corner due to bed rock, so I established a witness corner, S.8°-38'E. 0.9 feet, a granite boulder 3 x 2 x 1 foot exposed and chiseled W C- C 1-2, C2-4-3770 with cross on top for exact corner point; from true corner,

A granite boulder 2 x 2 x 2 feet exposed and chiseled BxR C 1-2 3770 brs. S.8°-38'E. 54.0 ft.

Thence N.81°-22'E. from true corner

1500.0 TO COR. NO.3, a diorite stone 8 x 10 x 18 inches long set twelve inches in the ground with a substantial mound of stone alongside; chiseled C 1 3 3770 with cross on top for exact corner point, whence,

A diorite boulder 2 x 1.5 x 0.5 ft exposed and chiseled BxR C 1 3 3770 brs. S.28°-42'W. 22.3 ft.

Thence S.8°-38'E.

300.0 EAST CENTER END, a mound of stone .

600.0 TO COR. NO.4, a porphyry stone 8 x 8 x 8 inches exposed, chiseled C 1 4 3770 with a substantial mound of stone

3
alongside, chiseled C 1-4 3770 with cross on top for exact corner point, whence,

A porphyry reef one foot exposed and chiseled
BxR C 1 4 3770 brs. S. 27°-38'E. 19.2 ft.

Thence S. 81°-22'W.

988.8 Cor. No. 3 Marion lode, ^{of this survey,} hereafter described, whence Cor. No. 2 of Marion lode brs. N. 47°-02'W. 362.7 ft.

1500.0 TO THE PLACE OF BEGINNING. All corners are identical with their respective locations. Variation at all corners 15°-00'E.

CHELSEA NO. 3 lode

Beginning at Cor. No. 1, identical with Cor. No. 1 Chelsea No. 1 lode, previously described, whence

U. S. M. M. No. 3770 brs. S. 64°-33'W. 317.0 ft.

Thence S. 81°-22'W.

454.8 To cor. No. 1 Chelsea No. 3 lode identical with Cor. No. 1 Marion lode, both of this survey, hereafter described.

1012.9 To Cor. No. 1 Chelsea No. 4 lode of this survey, hereafter described, located on line 3-4 Chelsea No. 3 lode, S. 40°-27'W. 431.4 ft. from Cor. No. 4 of said lode.

1372.5 North Center end Chelsea No. 4 lode, a mound of stone.

1500.0 TO COR. NO. 2, located on line 1-4 Chelsea No. 4 lode of this survey, a granite stone 6 x 8 x 24 inches long set twelve inches in the ground with a substantial mound of stone alongside; chiseled C 2-2 3770 with cross on top for exact corner point, whence,

No bearings available.

Thence N. 8°-38'W.

300.0 WEST CENTER END, a mound of stone.

600.0 TO COR. NO. 3, a granite stone 8 x 8 x 26 inches long set twelve inches in the ground with a post in mound of stone alongside; chiseled C 2 3 3770 with cross on top for exact corner point, whence,

A granite boulder 2 x 3 x 3 feet exposed and chiseled BxR C 2 3 3770, brs. S. 23°-00'E. 29.6 ft.

1500.0 To ^{true point for} COR. NO. 4, identical with Cor. No. 2 Chelsea No. 1 lode, ^{this survey,} previously described.

0.9 Witness corner to Cor. No. 4, ^{Thence S. 8° - 38' E. identical with W.C. to Cor. No. 2 Chelsea No. 1 lode, this survey,} previously described.

300.0 EAST CENTER END, identical with west center end Chelsea No. 1 lode, ^{this survey,} previously described.

425.4 Intersect line 1-2 Marion lode of this survey, N. 60° - 22' E. 487.2 feet from Cor. No. 1.

600.0 TO THE PLACE OF BEGINNING. All corners are identical with their respective locations. Magnetic variation at all corners 15° - 00' E.

CHELSEA NO. 3 lode

Beginning at Cor. No. 1, identical with Cor. No. 1 Marion lode of this survey, located on line 1-2 Chelsea No. 2 lode of this survey, S. 81° - 22' W. 454.8 feet from Cor. No. 1, a pine post 6 x 8 x 36 inches exposed with a substantial mound of stone alongside; scribed M 1, C 3-1 3770 with nail in top for exact corner point, whence,

A granite boulder 2 x 1 x 3 ft exposed and chiseled BxR M 1 3770 brs. N. 73° - 19' E. 53.8 ft.

U. S. M. M. No. 3770 brs. S. 67° - 24' E. 177.0 ft.

Thence S. 42° - 58' W.

726.5 Cor. No. 5 Marion lode, identical with Cor. No. 1 Charlotte lode, both of this survey, hereafter described.

1500.0 To ^{true point for} COR. NO. 2, located on line 1-4 Charlotte, ^{lode, of this survey,} S. 42° - 58' W.

773.5 ft. from Cor. No. 1, and also located on line 1-2 Chelsea No. 4 lode S. 24° - 54' W. 1117.7 ft. from Cor. No. 1,

^{as} where it was impracticable to set a stone for corner, so

I established a witness corner N. 48° - 02' W. 1.25 ft., a granite boulder 1.5 x 1.5 x 1 foot exposed with a substantial mound of stone alongside, chiseled W. C. C 3 2 3770 with cross on top for exact corner point, From the true corner point,

A granite boulder 2 x 2 x 1.5 ft exposed and chiseled BxR C 3 2 3770 brs. N. 23° - 18' E. 8.6 ft.

Thence N.48°-02'W. from true corner,
 1.25 Witness corner to Cor. N^o.2, heretofore described.
 182.7 SOUTH CENTER END, a mound of stone.
 300.0 TO COR. NO.3, a granite stone 6x 12 x 24 inches long set
 twelve inches in the ground with a substantial mound of
 stone alongside; chiseled C 3 3 3770 with cross on top
 for exact corner point.

No bearings available.

Thence N.40°-27'E.

100.0 Pass through house.
 1069.0 Cor. No. 1 Chelsea No.4 lode, hereafter described, located
 on line 1-2 Chelsea No.2 lode, S.81°-22'W. 1012.9 ft.
 from Cor. No.1.

1500.4 TO COR. NO.4, a granite stone 8 x 12 x 24 inches long set
 twelve inches in the ground with a substantial mound of
 stone alongside, chiseled C 3-4-3770 with cross on top for
 exact corner point.

No bearings available.

Thence S.48°-02'E.

183.1 NORTH CENTER END, a mound of stone.
 365.8 TO THE PLACE OF BEGINNING. All corners are identical with
 their respective locations. Variation at all corners 15°-
 00'E.

CHELSEA NO. 4 lode.

beginning at Cor. No.1, located on line 1-2
 of this survey,
 Chelsea No.2 lode, S.81°-22'W. 1012.9 ft from Cor. No.1,
 and also on line 3-4 Chelsea No.3 lode, N.40°-27'E. 1069.0
 of this survey
 ft. from Cor. No.3, a granite stone 8 x 12 x 26 inches long
 set twelve inches in the ground with a substantial mound
 of stone alongside, chiseled C 4 1 3770 with cross on top
 for exact corner point, whence,

U. S. M. M. No. 3770 hrs. N.88°-44'E. 715.3 ft.

No other bearings available.

Thence S.24°-54'W,
 of this survey,

1117.7 Cor. No.2 Chelsea No.3 lode, previously described, located
 of this survey
 on line 4-1 Charlotte lode, N.42°-58'E. 726.2 ft. from

Cor. No. 4, and 513.0 ft. from its intersection with line
~~3-3 of this lode.~~
 1500.0 TO COR. NO. 2, a granite stone 10 x 10 x 27 inches long
 set twelve inches in the ground with a substantial mound
 of stone alongside, chiseled C 4 2 3770 with cross on top
 for exact corner point.

No bearings available.

Thence S. 81° - 22' W.

190.9 Intersect line 4-1 Charlotte lode of this survey, N. 42° -
 58' E. 213.2 ft from Cor. No. 4.

359.9⁶ SOUTH CENTER END, a mound of stone.

712.5 TO COR. NO. 3, a granite stone 10 x 12 x 20 inches long
 set twelve inches in the ground with a substantial mound
 of stone alongside, chiseled C 4 3 3770 with cross on top
 for exact corner point.

No bearings available.

Thence N. 24° - 52' E.

1499.7 TO COR. NO. 4, a granite stone 8 x 12 x 24 inches long set
 twelve inches in the ground with a substantial mound of
 stone alongside, chiseled C 4 4 3770 with cross on top
 for exact corner point, whence,

flush with the ground
 A granite reef in place / Chiseled BxR C 4 4 3770

brs. S. 82° - 07' W. 59.4 ft.

Thence N. 81° - 22' E.

225.4 Cor. No. 2 Chelsea No. 2 lode of this survey.

353.9 NORTH CENTER END, a mound of stone.

713.5 TO THE PLACE OF BEGINNING. All corners are identical with
 their respective locations. Magnetic variation at all cor-
 ners 15° - 00' E.

MARION LODGE.

Beginning at Cor. No. 1, identical with Cor. No.
 1 Chelsea No. 3 lode, previously described, and located
 on line 1-2 Chelsea No. 2 lode S. 81° - 22' W. 454.8 ft. from

Cor. No. 1, whence
 U.S.M.M. No. 3770 brs. S. 67° 24' E. 177 ft.

Thence N. 60° - 22' E.

487.2 Intersect line 1-2 Chelsea No. 1 lode, identical with line

4-1 Chelsea No. 2 lode both of this survey, N. 8° - 38' W. 174.6 feet from Cor. No. 1 respectively.

793.4 TO COR. NO. 2, a granite stone 6 x 12 x 28 inches long set twelve inches in the ground with a substantial mound of stone alongside, chiseled M 2 3770 with cross on top for exact corner point.

No bearings available.

Thence S. 47° - 02' E.

62.7 NORTH CENTER END, a mound of stone.

362.7 TO COR. NO. 3, located on line 4-1 Chelsea No. 1 lode of this survey N. 81° - 22' E. 511.2 ft. from Cor. No. 1, a granite stone 8 x 12 x 26 inches long set twelve inches in the ground with a substantial mound of stone alongside, chiseled M 3 3770 with cross on top for exact corner point,

No bearings available.

Thence S. 42° - 58' W.

1483.5 TO COR. NO. 4, identical with Cor. No. 2 Charlotte lode of this survey, a granite stone 6 x 8 x 26 inches long set twelve inches in the ground with a substantial mound of stone alongside, chiseled M 4 3770, C 2 with cross on top for exact corner point, whence,

A granite boulder 3 x 2 x 2 ft exposed and chiseled BxR C. 2' 3770 brs. S. 10° - 26' E. 22.8 ft.

Thence N. 47° - 02' W.

300.0 SOUTH CENTER END, a mound of stone, identical with North center end Charlotte lode of this survey.

600.0 TO COR. NO. 5, identical with Cor. No. 1 Charlotte lode of this survey, a granite stone 6 x 12 x 24 inches long set twelve inches in the ground with a substantial mound of stone alongside, chiseled C 1 3770 M 5 with cross on top for exact corner point.

No bearings available.

Thence N. 42° - 58' E.

726.5 TO THE PLACE OF BEGINNING. All corners are identical with their respective locations. Variation at all corners 15° - 00' E.

CHARLOTTE lode

beginning at Cor. No.1, identical with Cor No.5 Marion lode of this survey, previously described, whence U.S.M.M. No.3770 brs. N.54°-51'E. 805.4 ft.

Thence S.47°-02'E.

300.00 NORTH CENTER END, identical with south center end Marion lode of this survey, a mound of stone.

600.0 TO COR. NO. 2, identical with Cor. No. 4 Marion lode of this survey, previously described.

Thence S.42°-58'W.

1499.7 TO COR. NO. 3, a granite stone 8 x 12 x 22 inches long set twelve inches in the ground with a post 4"x 6"x four feet exposed, set in the ground alongside, chiseled C 3 3770 with cross on top for exact corner point.

No bearings available.

Thence N.47°-02'W.

300.0 SOUTH CENTER END , A mound of stone.

600.0 TO COR. NO. 4, a granite stone 10 x 14 x 27 inches long set twelve inches in the ground with a substantial mound of stone alongside, chiseled C 4 3770 with cross on top for exact corner point.

No bearings available.

Thence N. 42°-58'E.

213.2 Intersect line 2-3 Chelsea No. 4 lode of this survey, S.81°-22'W. 190.9 ft from Cor. No.2.

726.2 Cor. No. 2 Chelsea No.3 lode, located on line 2-1 Chelsea No.4 lode of this survey, N.24°-54'E. 382.3 ft. from Cor. No.2. previously described.

1499.7 TO THE PLACE OF BEGINNING. All corners are identical with their respective locations. Magnetic Variation at all corners 15°-00'E.

LODE LINES

As near as can be determined from the present developments, the veins on the respective lodes extend as follows from their discoveries:

Chelsea No.1 lode

N.81°-22'E. 1490 feet and S.81°-22'W. 10 ft. ✓

Chelsea No.2 lode

N.81°-22'E. 486.0 ft. and S.81°-22'W. 1014 feet. ✓

Chelsea No.3 lode

N.42°-58'E. 730 feet and S.42°-58'W. 770 feet. ✓

Chelsea No.4 lode

N.24°-54'E. 565 feet and S.24°-54'W. 935 feet. ✓

Marion lode

N.42°-58'E. 724.5 feet and S.42°-58'W. 759 feet. ✓

Charlotte lode

N.42°-58'E. 467.0 ft. and S.42°-58'W. 1032.7 ft. ✓

AREAS:

CHELSEA NO.1 lode

Total area	-----	Acres	Acres
			20.661

CHELSEA NO.2 lode

Total area	-----		20.661
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CHELSEA NO.3 lode

Total area	-----		11.462
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Area in conflict with			
Chelsea No.2 lode, this survey	-----	1.811	
Chelsea No.4 lode, this survey	-----	0.368	

CHELSEA NO. 4 lode

Total area	-----		20.469
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Area in conflict with			
Charlotte lode, this survey	-----	0.698	

MARION lode

Total area	-----		18.372
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Area in conflict with			
Chelsea No.1 lode, this survey	-----	2.341	
Chelsea No.2 lode, this survey	-----	0.911	

CHARLOTTE lode

Total area	-----		20.657
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~~Area in conflict with~~

LOCATIONS

This survey is located in, ^{approx.} Sec.31, T.13, N.R.3 W. un-surveyed, Gila and Salt River base and Meridian, within the Prescott National Forest, Copper Basin Mining District Yavapai County, State of Arizona.

Expenditure of Five Hundred Dollars

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

Chelsea No.1 lode

No.1 Discovery shaft, the center of which brs. N.81°-22'E. 10 ft from the West Center end.

Value \$100.00

To be accredited to this lode is an equal undivided 1/6 th interest in improvement No.2 Chelsea No.2 lode, as described under heading "Common Improvements".

value \$500.00

Chelsea No.2 lode.

No.1 Discovery shaft, the center of which brs. S.81°-22'W. 486 ft from the East Center end.

Value \$100.00

No.2 a shaft, the center of which brs. S.41°-30'W. 430 feet from Cor. No.4. 5 x 8 x 200 feet deep, with drifts and cross-cuts generally described as follows; at the 80 foot level, a cross-cut runs northwesterly about 70 ft. where it intersects a drift which runs southwesterly 100 feet, and northeasterly 300 feet, passing under the old shaft, ^{hereafter described under "other Improvements,"} about 40 ft from the cross cut. At the 200 foot level a cross cut runs northwesterly, practically under the cross cut on the 80 foot level, a distance of 100 feet where it intersects a drift which runs southwesterly about 20 ft. and northeasterly about 100 feet. The shaft was retimbered to the 80 foot level/ by the claimant, and more than \$3000.00 worth of improvements, in all, was made by the claimant in the shaft and drifts. See affidavits herewith.

Value shaft & drifts \$3000.00

To be accredited to this lode is an equal undivided 1/6 th interest in improvement No.2 Chelsea No.2 lode.

Value \$500.00

Chelsea No.3 lode.

No.1 Discovery shaft, the center of which brs. S.42° - 58'W. 730 ft. from the North Center end, 4 x 6 x 8 feet deep.

Value \$80.00

No.2 shaft the center of which brs. N.42° - 58'E. 210 feet from the South Center end, shaft 4 x 6 x 20 ft deep with crosscut running northwesterly 15 feet.

Value \$350.00

To be accredited to this lode is an equal undivided 1/6 th interest in improvement No.2 Chelsea No.2 lode.

Value \$500.00

Chelsea No.4 lode.

No.1 Discovery shaft, the center of which brs. N.24° - 54'E. 935 feet from the South Center end, 4 x 6 x 10 feet deep.,

Value \$100.00

To be accredited to this lode is an equal undivided 1/6 th interest in improvement No.2 Chelsea No.2 lode.

Value \$500.00

Marion lode.

No.1 discovery shaft, the center of which brs. S.42° - 58'W. 724.5 feet from the North Center end, 4 x 6 x 8 ft. deep.

Value \$80.00

To be accredited to this lode is an equal undivided 1/6 th interest in improvement No.2 Chelsea No.2 lode.

Value \$500.00

Charlotte lode

No.1 discovery shaft, the center of which brs. S.42° - 58'W. 467 feet from the North Center end, 4 x 6 x 10 ft. deep.

value \$100.00

No.2 a tunnel, the mouth of which brs. S.66° - 20'W. 705 feet from Cor. No.2, 4 x 6 x 200 ft long, caved, brs. north easterly. about 60 ft of this improvement was made by the claimant.

value 60 ft. \$600.00

To be accredited to this lode is an equal undivided 1/6 th interest in improvement No.2 Chelsea No.2 lode.

Value \$500.00

COMMON IMPROVEMENTS

Improvement No. 2 Chelsea lode, being a shaft, was sunk to develop the veins traversing the different lodes at depth. As the country is low rolling foothills, the only means of development is through a shaft, centrally located, from which drifts and cross-cuts can be run to develop the vein system. This shaft was sunk to the 200 foot level by prior claimants, and the present claimant re-claimed the shaft by retimbering. He proposes to further develop the veins traveling the lodes of this group through this shaft, so I consider this improvement a common improvement and of such a character as to redound to the benefit of the lodes of this survey.

Total value of the common improvement heretofore described. \$3000.00

Equal undivided 1/6 th interest in the above mentioned improvement. Value \$500.00

OTHER IMPROVEMENTS.

Chelsea No. 2 lode.

A shaft, 4 x 6 x 80 feet deep, the center of which bears S. 49° W. 410 ft. from Cor. No. 4.

An engine house, 22 x 22 ft, enclosing a gasoline engine, dismantled, set on concrete engine bed, the center of this house bears S. 47° W. 390 feet from Cor. No. 4

Chelsea No. 3

A house 12 x 26 ft. corrugated iron, the center of which bears N. 40° - 27' E. 100 ft. from Cor. No. 3 east

A house 14 x 18 ft. corrugated iron, the southwest corner of which bears N. 62° - 10' E. 138 ft. from Cor. No. 3

Marion

A cut and shaft, the face of cut bears N. 1° - 45' E. 485 ft. from Cor. No. 4, cut 4 x 21 x 6 foot face, shaft in cut, 4 x 6 x 15 feet deep.

A shaft, the center of which bears N. 3°-25'E. 495 ft. from Cor. No.4, 4 x 6 x 8 feet deep.

Charlotte

A shaft, which bears S.42°-58'W. 153^{ft.} from North center end, 4 x 6 x 8 feet deep.

A cut which bears S.42°-58'W. 190 ft from North Center end, 4 x 27 x 8 foot face.

A cut, which bears S.42°-58'W. 327 feet from the North Center end, 4 x 23 x 8 foot face.

ADJOINING CLAIMS

This survey is bounded on all sides by U. S. Land.

INSTRUMENT

This survey was made with a Lietz Light mountain transit theodolite No.13-5929. The courses were deflected from the true meridian as determined by Saegmuller Solar and checked by direct solar observations. The distances were measured with a 500 foot steel tape.

REPORT

I was unable to find any trace of corners of the public land survey within a radius of two miles of this survey. I have had occasion to retrace lines of this township in adjoining this survey to the west, and found corners to be missing east of Skull Valley, wash. In view of the fact that corners were missing, I established U. S. M. M. No. 3770 as described in the notes of said monument hereto attached.

I was unable to make an examination of the workings of improvement No. 2 Chelsea No. 2 lode, due to water. The report thereon is based on statements made by a person who was employed at the mine during the ^{most} recent operations, and is very general for that reason. See affidavits hereto attached.

The discrepancies found existing between the claims as marked ~~---~~ by the location monuments, and as described in the location notices are due to errors in the location notices.

The discrepancies between the lines of this survey
and prior approved surveys are due to errors in the latter

William W. W. W.
U. S. MINERAL SURVEYOR

FIELD NOTES OF
 U. S. MINERAL MONUMENT ^{No.} 3770
 COPPER BASIN MINING DISTRICT
 YAVAPAI COUNTY ARIZONA.

This monument is located about two miles in a southwesterly direction from the Copper Basin Mining camp, and about 1/2 mile westerly from the old Walnut Grove road.

U. S. M. M. 3770 is a granite rock in place 2 x 2 x 2 feet exposed, ^{with a mound of stone 6 ft. base & 4 ft. high alongside} and chiseled U S M M 3770 with cross on top for exact corner point, whence,

A granite rock in place 2 x 1 x 1 ft exposed and chiseled BxR U S M M 3770 brs. S.42°-05'E. 5.5 ft.

The peak of Seal Mountain, a conical peak, brs. S.8°-11'E. about 22½ miles.

The highest point of Kirkland Peak brs. S.88°-49'W. 7½ miles

The east rim of Antelope Peak brs. S.21°-26'W. 18½ miles

The Mint shaft brs. N.13°-39'W. 420 ft.

Sugar Loaf Rock brs. N.66°-48'E. 7 miles

U. S. L. M. No. 1 Copper Basin District brs. N.34° E 2½ miles. (This bearing was obtained by platting, the monument not being visible)

C. B. S. Shaft brs. S.86°-51'E. 3½ miles.

Mountain Peak B.M. 6583, brs. S.50°-42'W. 15 miles.

No other bearings available. Variation 15°-10'E.

Established by William W. W.
 U. S. Mineral Surveyor

Aug. 3/ 1921

FINAL OATHS FOR SURVEYS.

LIST OF NAMES.

A list of the names of the individuals employed by J. William Waara

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 D. A. Byrne

known as the Chelsea No. 1, Chelsea No. 2, Chelsea No. 3 Chelsea No. 4

~~XXXXXX~~ Charlotte and Marion lodes

and showing the respective capacities in which they acted.

H. Frank Kester, Chainman.

....., Chainman.

....., Axman.

....., Flagman.

FINAL OATHS OF ASSISTANTS.

~~XXXX~~ H. H. Frank Kester

and I, do solemnly swear that ~~we~~ assisted J. William

Waara, United States Mineral Surveyor, in marking the corners and surveying

the boundaries of the mining claim of D. A. Byrne, known as the Chelsea No. 1,

Chelsea No. 2, Chelsea No. 3, Chelsea No. 4, Charlotte and Marion lodes

~~XXXXXX~~

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 instruc-

tions furnished by the United States Surveyor-General for Arizona.

F. H. Kester, Chainman.

....., Chainman.

....., Axman.

....., Flagman.

Subscribed and sworn to by the above-named persons before me this 30 th.

day of August 1921, 19

J. William Waara

U. S. Mineral Surveyor

MINERAL SURVEY NO. 3770

REPORT ON FINAL OATH OF ASSISTANT.

A Notary Public was not available at Copper Basin Mine Arizona, to take acknowledgement of my assistant, and to avoid delays and unnecessary expense, I executed the same as a U. S. Mineral Surveyor.

William L. ...
U. S. MINERAL SURVEYOR.

Aug. 30, 1921.

FINAL OATH OF U. S. MINERAL SURVEYOR.

I, J. WILLIAM WAARA, U. S. Mineral Surveyor, do solemnly swear that, in pursuance of instructions received from the United States Surveyor General for ARIZONA, dated May 16, & June 24, 1921, 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 D. A. FYRNE, known as the Chelsea No. 1, Chelsea No. 2, Chelsea No. 3, Chelsea No. 4, ~~known as the~~ Marion and Charlotte lodes, situate in Copper Basin Mining District, Yavapai County, Arizona, in Section 31, Township No. 13 N., Range No. 3 W. unsurveyed, and designated as Survey No. 3770, 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 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.

J. William Waara
U. S. Mineral Surveyor.

Subscribed and sworn to by the said J. WILLIAM WAARA
U. S. Mineral Surveyor, before me F. G. Brown, a Notary Public
this 9 th.
day of September, 19 21

F. G. Brown
Notary Public

My commission expires 2-1-22

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

DEPARTMENT OF THE INTERIOR,
OFFICE OF U. S. SURVEYOR GENERAL,

Phoenix, Arizona.

January 24, 1922.

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

D. A. Byrne

, known as the CHELSEA NO.1, CHELSEA NO.2, CHELSEA NO.3,
CHARLOTTE lodes
CHELSEA NO.4, MARION and CHARLOTTE lodes
situate in Copper Basin

Mining District, Yavapai County,

Arizona, in Section Approx. 31, Township No. 13 N.

Range No. 3 W. Unsur., and designated as Survey

No. 3770, 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 claims by claimant or his grantors, and
that said improvements consist of 8 shafts, 3 crosscuts, 2 drifts and
1 tunnel, total value \$4510.

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,

January 24, 1922

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

D. A. Byrne

known as the

CHELSEA NO. 1, CHELSEA NO. 2, CHELSEA NO. 3, CHELSEA NO. 4, MARION, and CHARLOTTE lodes

situate in Copper Basin mining district,

Yavapai County, Arizona

in Section Approx. 31, Township No. 13 N., Range No. 3 W., Unsur.

designated as Survey No. 3770

executed by J. William Waara, U. S. Mineral

Surveyor, June 1 - August 30, 1921, under my instructions dated

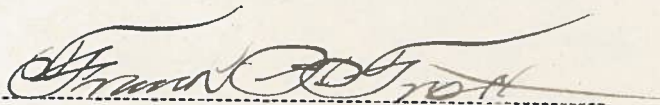
May 16 and June 24, 1921, have been critically examined and the necessary cor-

rections and explanations made, and the said Field Notes and Return, and the Survey they describe,

are hereby approved. The certified copy of the location certificate filed by the applicant for survey is

on file in this office and a true copy of said certified copy of said location certificate is included and made

a part of the transcript of the field notes.



U. S. Surveyor General for Arizona.