



# United States Department of the Interior

BUREAU OF LAND MANAGEMENT

ARIZONA STATE OFFICE  
2400 VALLEY BANK CENTER  
PHOENIX, ARIZONA 85073

IN REPLY REFER TO

9632 (942)  
M.S. # 3251

March 8, 1982

Memorandum

To: Chief, Branch of Lands and Minerals Operations  
From: Chief, Branch of Cadastral Survey  
Subject: Cancellation of Mineral Survey No. 3251

This memorandum cancels the survey of the Horse Shoe, Horse Shoe No. 1 and 2, and I.W.W. Fraction lode claims of Mineral Survey No. 3251.

The following notation should be made on the plat of Mineral Survey No. 3251:

"Survey of Horse Shoe, Horse Shoe No. 1 and 2, and I.W.W. Fraction lode claims cancelled by Chief, Branch of Cadastral Survey, memorandum dated March 8, 1982, File 9632 (942)."

A notation of this cancellation should also be made on the Mineral Mining District Sheet. This memorandum should be made a part of the original field notes. The plat and field notes should remain in the files.

These claims have not been recorded with the BLM in accordance with Section 314 of the Federal Land Policy and Management Act of 1976, and are considered to be invalid as noted in a memorandum from the Chief, Branch of Lands and Minerals Operations, dated March 5, 1982.

*James P. Kelley*

REC-1916

JAN 24 1916

(4-683.)

Mineral Survey No. 3 2 5 1

Lot No.

Arizona Land District.

FIELD NOTES

OF THE SURVEY OF THE MINING CLAIM OF

UNITED WESTERN MINES COMPANY.

KNOWN AS THE

Horse Shoe, Horse Shoe No. 1, Horse Shoe No. 2, I. W. W. Fraction.

San Francisco Mining District.

Mohave County, Arizona

Sections 10 and 15, Township 19 N., Range 20 W. unapproved G. & S. R. B. & M.

Surveyed under instructions dated Nov. 10- 1915.

by Edward L. Haff, U. S. Deputy Mineral Surveyor

Claim located (See Location Notices) 1

Survey commenced Nov. 20- 1915

Survey completed Dec. 20 1915

Address of Claimant

W. K. Ridenour Pres.

Oatman, Arizona.

Feet

## Horse Shoe

Beginning at Cor. No. 1.

Identical with Cor. No. 4 I. W. W. Fraction lode of this survey.

A pine post 4 ft. long, 4 ins. square, set 18 ins. in the ground, with mound of earth and stone, a nail at corner point, scribed H. S. 1-I W.W. Fr.-4-3251, whence,

U.S.L.M. No. 1602 bears S.  $36^{\circ} 28' 08''$  W. -5820.92 ft.

N.E. Cor. of the Arizona lode, unsurveyed, claimants unknown, bears N.  $4^{\circ} 29'$  W.-155.84 ft.

No bearing objects available.

Thence N.  $53^{\circ} 54'$  E.

99.32 Intersect east side line of the Arizona lode, unsurveyed, at S.  $43^{\circ} 40'$  E.-133.87 ft. from the northeast corner.

300. South End center.

Identical with the North End Center of the I.W.W. Fraction lode of this survey.

A pine post 4 ft. long, 4 ins. square, set 18 ins. in the ground, with mound of earth and stone, a nail at center point, scribed H. S. S. End C.-I. W. W. Fr. N. End C.-3251.

400.00 Center of County Road, course northerly and southerly.

553.14 Cor. No. 2. Sur. No. 3188 Red Cloud Extension lode, United Eastern Mining Company, claimant.

600.00 To Cor. No. 2

Identical with Cor. No. 3 Horse Shoe No. 1 lode, and Cor. No. 3 I. W. W. Fraction lode both of this survey.

A pine post 4 ft. long, 4 ins. square, set 18 ins. in the ground, with mound of earth and stone, a nail at the corner point, scribed H. S. 2-H. S No. 1-3-I. W. W. Fr. 3-3251.

No bearing objects available.

Thence N.  $36^{\circ} 06'$  W.

9.08 Intersect line 1-2 Sur. No. 3188 Red Cloud Extension lode at N.  $42^{\circ} 56'$  E.-47.73 ft. from Cor. No. 2.

## Feet

705.00 Center of County Road, course northerly and southerly  
 1500.00 to Cor. No. 3  
 Identical with Cor. No. 2, Horse Shoe No. 1  
 lode of this survey.  
 On line 1-2 Horse Shoe No. 2 lode of this sur-  
 vey,  
 A pine post 4 ft. long, 4 ins. square, set 18  
 ins. in the ground, with mound of earth and stone, a  
 nail at the corner point, scribed H.S. 3-H.S. No.1-  
 2-3251, whence,  
 N.  $1/4$  Cor. of Sec. 15, unapproved T. 19 N., R.  
 20 W. G. & S.R.B. & M. bears N.  $25^{\circ} 15'$  E.-223.77 ft.  
 No bearing objects available.  
 Thence S.  $53^{\circ} 54'$  W.  
 50.00 Cor. No. 2 Horse Shoe No. 2, lode of this survey.  
 300.00 North End Center.  
 A pine post 5 ft. long, 4 ins. square, set 18  
 ins. in the ground, with mound of earth and stone, a  
 nail at center point, scribed H.S. N. End C.-3251.  
 600.00 To Cor. No. 4.  
 A pine post 4 ft. long, 4 ins. square, set 18.  
 ins. in the ground, with mound of earth and stone, a  
 nail at the corner point, scribed H. S.-4-3251.  
 No bearing objects available.  
 Thence S.  $36^{\circ} 06'$  E.  
 1360.72 Intersect the North End line of the Arizona lode, unsur-  
 veyed, at S.  $58^{\circ} 30'$  W.-81.96 ft. from the Northeast.  
 corner.  
 1500.00 To Cor. No. 1, the place of beginning.  
 Horse Shoe No. 1.  
 Beginning at Cor. No. 1.  
 A pine post 4 ft. long, 4 ins. square, set 18 ins.  
 in the ground, with mound of earth and stone, a nail at  
 the corner point, scribed H.S. No.1-1-3251, whence,  
 U.S.L.M. No. 1699 A. bears N.  $56^{\circ} 13'57''$  E.  
 4650-82 ft.

Feet	
	No bearing objects available. Thence S. 53° 54' W.
37.20	Point for Cor. No. 1, Horse Shoe No. 2 lode of this survey. In county road, course of road, northerly and southerly.
62.20	Witness Cor. for Cor. No. 1, Horse Shoe No. 2 lode of this survey.
290.00	North End Center. A pine post 4 ft. long, 4 ins. square, set 18 ins. in the ground, with mound of earth and stone, a nail at the center point, scribed H. S. No.1-N End C.-3251.
338.60	South End Center, Horse Shoe No. 2 lode of this survey.
590.00	To Cor. No. 2. Identical with Cor. No. 3 Horse Shoe lode of this survey, previously described. Thence S. 36° 06' E.
795.00	Center of County road, course northerly and southerly.
1490.92	Intersect line 1-2 Sur. No. 3188, Red Cloud Extension lode S. 42° 56' W.-391.37ft. from Cor. No. 1.
1500.00	To Cor. No. 3. Identical with Cor. No. 2, Horse Shoe lode and Cor. No. 3 I. W. W. Fraction lode, both of this survey, previously described. Thence N. 53° 54' E.
300.00	South End Center. A pine post 4 ft. long, 4 ins. square, set 18 ins. in the ground, with mound of earth and stone, a nail at the center point, scribed H.S. No. 1.-S. End C.-3251.
369.06	Intersect line 5-1 Sur. No. 3188 Red Cloud Extension lode at S. 25° 49' E.-84.89 ft. from Cor. No. 1.
554.22	To Cor. No. 4. A pine post 4 ft. long, 4 ins. square, set 18 ins. in the ground, with mound of earth and stone, a nail at the corner point, scribed H.S.No.1-4-3251, whence, Cor. No. 1, Sur. No. 3188, Red Cloud Extension

Feet	lode bears S.80°04' W.-189.42 ft.
	No bearing objects available.
	Thence N. 34° 44' W.
1500.43	To Cor. No. 1, the place of beginning.
	Horse Shoe No. 2.
	Beginning at Cor. No. 1.
	On line 1-2 Horse Shoe No.1 lode of this survey.
	A point unsuitable for a corner, in County road, whence,
	Witness corner hereafter described, bears S.53° 54'W.-25 ft.
	U.S.L.M. No.1699 A. bears N.56°12'50"E.-4688 ft.
	Thence S. 53° 54' W.
25.00	Witness Corner for Cor. No.1.
	A pine post 4 ft. long, 4 ins. square, set 18 ins. in the ground, with mound of earth and stone, a nail at the corner point, scribed W.C.-H.S.No.2-1-3251.
	No bearing objects available.
252.80	North End Center Horse Shoe No. 1, lode of this survey.
301.40	South End Center.
	A pine post 4 ft. long, 4 ins. square, set 18 ins. in the ground with mound of earth and stone, a nail at the center point, scribed H.S.No.2-S.End C.-3251.
552.80	Cor. Nos.3-2 Horse Shoe and Horse Shoe No.1 lodes of this survey.
602.80	Cor. No. 2.
	On line 3-4 Horse Shoe lode of this survey.
	A pine post 4 ft. long, 4 ins. square, set 18 ins. in the ground, with mound of earth and stone, a nail at the corner point, scribed H.S.2-2-3251.
	No bearing objects available.
	Thence N. 30°31' W.
1500.00	To Cor. No. 3.
	A pine post 4 ft. long, 4 ins. square, set 18 ins. in the ground, with mound of earth and stone, a nail at the corner point, scribed H.S. No.2-3-3251.

Feet

No bearing objects available.

Thence N.53°54'E.

301.40 North End Center.

A pine post 4 ft. long, 4 ins. square, set 18 ins. in the ground, with mound of earth and stone, a nail at the center point, scribed H.S.No.2-N.End' C.-3251.

602.80 To Cor. No.4.

A pine post, 4 ft. long, 4 ins. square, set 18 ins. in the ground, with mound of earth and stone, a nail at the corner point, scribed H.S.No.2-4-3251.

No bearing objects available.

Thence S.30° 31' E.

1500.00 To Cor. No. 1 the place of beginning.

I.W.W. Fraction.

Beginning at Cor. No.1.

A pine post 4 ft. long, 4 ins. square, set 18 ins. in the ground, with mound of earth and stone, a nail at the corner point, scribed I.W.W.Fr.1-3251, whence,

U.S.L.M. No. 1602, bears S. 51°04'43" W.-5560.34 ft.

Cor. No.3 Sur.No.3188, Standard lode bears N.11° 40'38" W.-401.14 ft.

Cor. No.4 Sur. No.3188 Red Cloud Extension lode bears N.58°40' E.-91.52 ft.

Southeast cor. of the Arizona lode (unsurveyed) bears N.0°16'W.-424.91 ft.

No bearing objects available.

Thence N.53°54' E.

92.99 Intersect line 3-4 Sur.No.3188 Red Cloud Extension lode at S.22°56'E.-1027.70 ft. from Cor. No.3, and at 331.73 ft. from its intersection with line 3-2 Sur.No.3188, Standard lode, 337.7 ft. and 564.03 ft. respectively, from its intersection with the south end line and east side line Arizona lode, unsurveyed.

130.48 Cor. No.2, Sur.No.3198 Red Cloud lode, Tom Reed Gold Mines Company, claimant, and intersect line 4-5 Sur.No.3188

Feet	Red Cloud Extension lode at N.42°56'E.-40 ft. from Cor. No.4.
189.05	Intersect line 2-3 Sur. No.3188, Standard lode at S.39°44'E.-365.98 ft. from Cor. No.3, and 11.24 ft. from its intersection with line 4-5 Sur.No.3188, Red Cloud Extension lode, and line 1-2 Sur.No.3198 Red Cloud lode, 323.63 ft. from its intersection with line 3-4,Sur. No.3188 Red Cloud Extension lode, and 329.11 ft.from its intersection with south end line Arizona lode, unsurveyed.
237.00	Center of County road, course northwesterly and southeasterly.
300.00	South End Center. A pine post 4 ft. long, 4 ins. square, set 18 ins.in the ground, with mound of earth and stone, a nail at the center point, scribed I.W.W.Fr. S.End C.-3251.
600.00	To Cor. No.2. A pine post 4 ft.long, 4 ins. square, set 18 ins. in the ground, with mound of earth and stone, a nail at the corner point, scribed I.W.W.Fr.2-3251. No bearing objects available. Thence N. 36°06' W.
90.98	Intersect line 4-5 of Sur. No.3188 Red Cloud Extension lode and line 1-2 of Sur.No.3198 Red Cloud lode at N.42°56' E.-478.25 ft. from Cor. No.2 Sur.No.3198 Red Cloud lode and 518.25 ft. from Cor. No.4 Sur.No.3188 Red Cloud Extension lode, and at 419.31 ft.from intersection of said lines with line 2-3 Sur.No.3188, Standard lode,also S.42°56'W. 125.49 ft. from Cors. 5 and 1, respectively, of said Red Cloud Extension and Red Cloud lodes.
1470.04	To Cor. No.3. Identical with Cor. No.2 Horse Shoe lode and Cor. No.3 Horse Shoe No.1 lode, both of this survey, previously described. Thence S.53°54' W.
46.86	Cor. No. 2 Sur.No.3188 Red Cloud Extension lode , Cor.



Feet	No.3 said lode bears S.10°23'E. 520.95 ft.
200.00	Center of County road, course northerly and southerly.
300.00	North End Center.
	Identical with South End Center, Horse Shoe lode of this survey, previously described.
500.68	Intersect East side line, Arizona lode, (unsurveyed) at N.43°40'W.-1135.45 ft. from the South East Corner, and 928.94 ft. from its intersection with line 3-4 Sur.No. 3188 Red Cloud Extension lode.
600.00	To Cor. No.4.
	Identical with Cor. No.1, Horse Shoe lode of this survey, previously described.
	Thence S. 36°06' E.
1152.30	Intersect line 3-4 Sur.No.3188 Standard lode at S.37°55'W.-172.53 ft. from Cor. No.3.
1175.04	Intersect south end line of the Arizona lode (unsurveyed) at S.42°39' W.-253.62 ft. from the S.E.Cor. 171.49 ft. from intersection with line 3-2 Sur.No.3188, Standard lode, and 173.23 ft. from intersection with line 3-4 Sur.No. 3188, Red Cloud Extension lode.
1470.04	To Cor. No.1, the place of beginning.
	Variation at all corners 14°30' E.
	Lode Lines.
	As near as can be determined from present developments the veins of the several locations embraced in this claim extend as follows, from their respective discovery points.
	Horse Shoe lode, 230 ft. S. 36°06'E.-1270 ft.N.36°06'W.
	Horse Shoe No.1 lode, 310 ft.N.36°06'W.-1190 ft.S.36°06'E.
	Horse Shoe No.2 lode, 240 ft.S.30°31'E.-1260 ft.N.30°31'W.
	I.W.W.Fraction lode, 210 ft.N.36°06'W.-1260.04ft.S.36°06'E.
	Areas.
	Total area Horse Shoe lode 20.661 Acres
	Area in conflict with
	Sur.No.3188 Red Cloud
	Extension lode 0.005 Acres
	Arizona lode (unsurveyed) 0.282 "

Feet

Total area Horse Shoe  
No. 1 lode 19.701 Acres

Area in conflict with  
Sur.No.3188 Red  
Cloud Extension  
lode 0.394 Acres

Total area Horse Shoe  
No.2 lode 20.657 "

Total area I.W.W. Frac-  
tion lode 20.249 "

Area in conflict with  
Sur.No.3188 Red Cloud  
Extension lode 10.191 "

Sur. No.3188 Standard  
lode 1.398 "

Sur. No.3188 Standard  
lode exclusive of its  
common conflict -  
.348 acres, with Sur.  
No.3188 Red Cloud Extension  
lode 1.050 "

Sur. No. 3198 Red  
Cloud lode 0.490 "

Sur. No.3198 Red  
Cloud lode ex-  
clusive of its  
common conflict, 0.008  
acres, with Sur.No.  
3188 Standard lode 0.482 "

Arizona lode (unsurveyed) 4.638 "

Arizona lode (unsurveyed)  
exclusive of its  
common conflict, 0.190  
acres, with Sur.No.  
3188 Red Cloud Ex-  
tension lode. 4.448 "

Arizona lode (unsurveyed)  
exclusive of its  
common conflict, 0.115  
acres, with Sur.No.  
3188 Standard lode 4.523 "

Arizona lode (unsurveyed)  
exclusive of its  
common conflicts,  
0.190 and 0.115  
acres, with Sur.No.3188  
Red Cloud Extension  
and Standard lodes 4.333 "

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

Feet

## Location

This survey is located in the S.  $\frac{1}{4}$  of Sec.10 and the E.  $\frac{1}{2}$  and N.W.  $\frac{1}{4}$  of Sec.15, unapproved, T.19 N., R. 20 W., G.& S.R.B.& M.

Expenditure of Five Hundred Dollars.

I certify that the value of the labor and improvements made upon or for the benefit of each of the locations embraced in said mining claim by the claimant, or its grantors, is not less than Five Hundred Dollars, and that said improvements consist of:

No.1 Horse Shoe lode:

The discovery shaft-4x6' ft. 500 ft. deep, timbered, which is on the lode line N.  $36^{\circ}06'$  W.-230 ft. from the South End Center, at 67 ft. in shaft, a drift 4x6 ft. runs N.  $45^{\circ}$  E.-35 ft. and a cross cut 4x6 ft. runs East 40 ft. at 135 ft. in shaft a cross cut 4x6 ft. runs East 65 ft. and West 12 ft. thence North 70 ft. All in mineralized andesite and quartz.

Value of shaft and 222 ft.  
of drifts and cross cuts  
interest

\$12200.00

An undivided  $\frac{1}{4}$  is assigned to this  
lode

Value

\$3050.00

This shaft, being centrally located, is a practicable and feasible main working shaft for the group, as, by drifting and cross cutting therefrom in different directions towards and under the four claims of this group, the entire group may be advantageously developed, and ore extracted therefrom. This improvement, therefore, is a common improvement, for the benefit of each claim of this group, and a  $\frac{1}{4}$  undivided interest of the total value of this improvement (\$12,200.) is properly accredited to each claim of the group. The general surface of the claims is rugged. Each drift and the bottom of the shaft is far below the surface of each claim on this group, making it possible to extend cross-

cuts and drifts from this shaft and intersect the ore bodies lying under each claim.

No. 2 A shaft 4x6 ft. 10 ft. deep which bears from Cor. No. 1 N. 1° 15' E.-570 ft., in rock.

Value \$ 35.00

Horse Shoe No. 1 lode:

No. 1 The discovery shaft 4x6 ft. 8 ft. deep, which is on the lode line S. 36° 06' E.-310 ft. from the North End Center in mineralized andesite and quartz.

Value \$ 30.00

No. 2 A shaft 4x6 ft. 8 ft. deep, which is on the lode line S. 36° 06' E.-335 ft. from the North End Center, in mineralized andesite and quartz.

Value \$ 25.00

No. 3 A shaft 4x6 ft. deep, which is on the lode line S. 36° 06' E.- 355 ft. from the North End Center in mineralized andesite and quartz.

Value \$ 25.00

An undivided 1/4 interest in improvement No. 1 of the Horse Shoe lode is assigned to this lode.

Value \$3050.00

Horse Shoe No. 2 lode:

No. 1 The discovery shaft 4x6 ft. 10 ft. deep, which is on the lode line N. 30° 31' W.-240 ft. from the South End Center in mineralized andesite and quartz.

Value \$ 35.00

An undivided 1/4 interest in improvement No. 1 of the Horse Shoe lode is assigned to this lode.

Value \$3050.00

I. W. W. Fraction lode:

No. 1 The discovery cut 4x14 ft. 8 ft. face, the face of which is on the lode line S. 36° 06' E.-210 ft. from the North End Center, course from face to mouth, south, in mineralized andesite and quartz.

Value \$ 50.00

An undivided 1/4 interest in improvement No. 1 of the Horse Shoe lode is assigned to this lode.

Value \$3050.00

#### Adjoining Claims.

On the East, Sur. No. 3188 Red Cloud Extension lode, United Eastern Mining Company, claimant, and Sur. No. 3198 Red Cloud lode, Tom Reed Gold Mines Company, claimant.

On the South, Sur. No. 3188, Red Cloud Extension and Standard lodes, United Eastern Mining Company, claimant, and Sur. No. 3198 Red Cloud lode, Tom Reed Gold Mines Company, claimant.

On the West, Sur. No. 3188 Standard lode, United Eastern Mining Company, claimant, and the Arizona lode (unsurveyed), claimants unknown.

#### Instrument.

This survey was made with a C. L. Berger & Sons No. 2 transit. The courses were deflected from the true meridian as determined by direct solar observations. The distances were measured with 100 and 500 ft. steel tapes.

#### Report.

The lode line of each location of this claim was run directly upon the ground, and the several corners established by means of offsets from the lode lines. All tie lines were run either directly upon the ground or by traverses run upon the ground and submitted in a separate report herewith.

U. S. L. M. No. 1602 is a basalt stone 8x15x14 ins. above ground, properly set, chiseled with a cross (X) on top and U.S. L. M. 1602 on the south face.

U. S. L. M. 1699A. is a pine post 8x8 ins. 4 ft. above a mound of stone properly set, with a nail on top and U.S.L.M. 1699A. scribed on the south face.

The N. 1/4 Cor. of Sec. 15 unapproved T.19 N., R. 20 W. G. & S.R. B. & M. is a 1 in. iron pipe with a brass

cap properly set and marked.

Sur. No. 3188 Red Cloud Extension and Standard lodes.

All corners are pine posts 4 ins. square, properly set and marked.

Sur. No. 3198 Red Cloud.

All corners are pine posts 4 ins. square, properly set and marked.

Arizona lode (unsurveyed).

The northeast and southeast corners are monuments of rock in each of which is a notice identifying the corner.

The northwest and southwest corners are 4 inch posts, properly set and marked.

The southeast corner of the Horse Shoe was scribed 1-3251 before the tie to U.S.L.M.No.1699A had been completed on the ground and the office plats indicated by scale that U.S.L.M. No. 1602 was nearer. Inasmuch as the group is tied to both monuments, I allowed the corner numbers to remain as shown herein.

Note.

The disagreements between these field notes and the location certificates with reference to the course and length of the boundary lines and lode lines are due to errors in the latter.

# FINAL OATHS FOR SURVEYS.

## LIST OF NAMES.

A list of the names of the individuals employed by Edward L. Haff

United States ~~Deputy~~ 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

United Western Mines Company.

known as the Horse Shoe, Horse Shoe No. 1, Horse Shoe No. 2, I. W. W. Fraction and showing the respective capacities in which they acted.

R. L. D'Arcy, Chainman.

Chainman.

Arman.

Flagman.

## FINAL OATHS OF ASSISTANTS.

~~we~~ I R. L. D'Arcy

and \_\_\_\_\_, do solemnly swear that ~~we~~ assisted \_\_\_\_\_

Edward L. Haff, United States ~~Deputy~~ Mineral Surveyor, in marking the corners and surveying the boundaries of the mining claim of United Western Mines Company

known as the Horse Shoe, Horse Shoe No. 1, Horse Shoe No. 2, I. W. W. Fraction

represented in the foregoing field notes as having been surveyed by said ~~deputy~~ 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

R. L. D'Arcy, Chainman.

Chainman.

Arman.

Flagman.

Subscribed and sworn to by the above-named persons before me this 21st.

day of January 1916, ~~1900~~

*(My Commission expires June 28th, 1919)*

Judith Sheffield  
Notary Public  
in and for Mohave County, Arizona

FINAL OATH OF U. S. ~~DEPUTY~~ MINERAL SURVEYOR

I, Edward L. Haff, U. S. ~~Deputy~~ Mineral Surveyor, do solemnly swear that, in pursuance of instructions received from the United States Surveyor General for Arizona, dated Nov. 10-1915, 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 United Western Mines Company known as the Horse Shoe, Horse Shoe No. 1, Horse Shoe No. 2, I. W. W. Fraction, situate in San Francisco Mining District, Mohave County, Arizona, in Sections 10 and 15, Township No. 19. N., Range No. 20 W. unapproved, G. & S. R. R. & M. and designated as Survey No. 3 2 5 1, as represented in the foregoing field notes, which accurately show the boundaries of said mining claim as distinctly marked by monuments on the ground, and described in the attached copy of the location certificate, which was received by me from the Surveyor General with said instructions, and that all the corners of said survey have been established and perpetuated in strict accordance with the law, official regulations and instructions thereunder; and I do further solemnly swear that the foregoing are the true and original field notes of said survey and my report therein, and that the labor expended and improvements made upon said mining claim by claimant or its grantors are as therein fully stated, and that the character, extent, location and itemized value thereof are specified therein with particularity and full detail, and that no portion of said labor or improvements so credited to this claim has been included in the estimate of expenditures upon any other claim.

*Edward L. Haff*  
 U. S. Deputy Mineral Surveyor.

Subscribed and sworn to by the said Edward L. Haff

U. S. ~~Deputy~~ Mineral Surveyor, before me a Notary Public in and for Mohave County, Arizona this 21st. day of January 1916

*Jacob R. Sheffield*  
 Notary Public  
 in and for Mohave County Arizona

*(my Commission expires June 28th, 1919)*





# Amended Location Certificate

KNOW ALL MEN BY THESE PRESENTS, That William Berg and Sam

NOV. 10. 1915

Frolley

the undersigned citizens of the United States, over the age of twenty-one years, having complied with all the requirements of the laws of the United States and the State of Arizona, relating to mining claims, and with the local laws, customs, rules and regulations of San Francisco Mining District, hereby make and file this Additional and amended location of the Horse Shoe Lode, claiming by right of discovery, location, primal appropriation and possession 1500 feet, linear and horizontal measurement, on this vein or lode of quartz, or other rock in place, bearing Gold & Silver and other valuable minerals, with all dips, variations and angles the same being 1270 feet along the ledge in a Northwesterly direction from the discovery ~~shaft~~ <sup>shaft</sup> and 230 feet along the ledge in a Southeasterly direction therefrom, together with 300 feet in width on each side of the middle of said ledge, and all veins, lodes, ledges, mineral deposits, mineral and surface ground within the lines of said claim.

Situate in San Francisco Mining District, County of Mohave State of Arizona, in and more particularly described as follows, to-wit:

Beginning at the Center of the South End line, which bears South Easterly 230 ft from the Discovery Shaft where Amended Notice is posted. Thence Northeasterly 300 ft to the S. E. Corner, Thence Northwesterly 1500 ft to the N. E. Corner, Thence Southwesterly 300 ft to North End Center and Thence Southwesterly 300 ft to the N. W. Corner Thence Southeasterly 1500 ft to the S. W. Corner Thence Northeasterly 300 ft to the South End center the place of beginning.

Magnetic Variation 14° East.

All corners and end centers are 4 x 4 <sup>pine</sup> posts, 4 1/2 ft long set in a mound of earth and stone. This claim is located about one Mile in a Northwesterly direction from the Oatman Post Office, and joins the Horse Shoe No 1 on its East side line, the lines and corners being identical.

by William Berg and Sam Frolley on

THIS AMENDED LOCATION is made in conformity with the original location, made January 1st 1912, recorded Jan'y 16th 1912, in Book G.G. Page 775, of Quartz Locations, in the office of the Recorder of said County, and it is made for the purpose of appropriating all ground within the boundaries hereinbefore described, and of more definitely describing the situation and boundaries of said lode, correcting any irregularities, informalities or errors, supplying omissions and correcting any defects which may have existed in the original location, or the record thereof, hereby waiving no rights acquired under and by virtue of said original location. And if the original location or the certificate thereof is void, then this location shall be an original location and this certificate an original certificate.

Date of Original Discovery January 1st A. D. 1912.

Date of Amended Location March 27th A. D. 1915.

Attest:

William Berg

Sam Frolley.

Recorded at the request of J. C. Denton at 40 minutes past 9 o'clock A. M., April 1st, 1915 in Book I.I. of Mining Claims, pages 61-62, Records of Mohave County, Arizona.

J. W. Morgan County Recorder.

# Amended Location Certificate



KNOW ALL MEN BY THESE PRESENTS, That William Berg and Samuel

Frolley

the undersigned citizen<sup>s</sup> of the United States, over the age of twenty-one years, having complied with all the requirements of the laws of the United States and the State of Arizona, relating to mining claims, and with the local laws, customs, rules and regulations of San Francisco

..... Mining District, hereby make and file this Additional and amended location of the Horse Shoe No. 1 Lode, claiming by right of discovery, location, primal appropriation and possession..... 1500 feet, linear and horizontal measurement, on this vein or lode of quartz, or other rock in place, bearing..... Gold & Silver and other valuable minerals, with all dips, variations and angles the same being 1190 feet along the ledge in a Southeasterly direction from the discovery ~~shaft~~ shaft and 310 feet along the ledge in a Northwesterly direction therefrom, together with 300 feet in width on each side of the middle of said ledge, and all veins, lodes, ledges, mineral deposits, mineral and surface ground within the lines of said claim.

Situate in San Francisco Mining District, County of Mohave, State of Arizona, in ..... and more particularly described as follows, to-wit:

Beginning at the South West Corner, identical with the S. E. Cor. Horse Shoe lode. Thence North easterly 300 ft to the South End Center. Thence North easterly 300 ft to the South East Corner. Thence North westerly 1500 ft. to the North East Corner. Thence South westerly 300 ft to the North End Center Thence South westerly 300 ft to the North West Corner. identical with the N. E. Corner of the Horse Shoe lode. Thence South Easterly 1500 ft to S. W. Cor. the place of beginning.

Magnetic Variation 14° East.

All Corners and End Centers are 4 x 4 in. Pine posts 4½ ft long set in mound of earth & stone.

by William Berg and Samuel Frolley on

THIS AMENDED LOCATION is made in conformity with the original location, made January 21st 1 912, recorded March 5th 1 912, in Book H.H., Page 69, of Quartz Locations, in the office of the Recorder of said County, and it is made for the purpose of appropriating all ground within the boundaries hereinbefore described, and of more definitely describing the situation and boundaries of said lode, correcting any irregularities, informalities or errors, supplying omissions and correcting any defects which may have existed in the original location, or the record thereof, hereby waiving no rights acquired under and by virtue of said original location. And if the original location or the certificate thereof is void, then this location shall be an original location and this certificate an original certificate.

Date of Original Discovery.....January 21st..... A. D. 1 912.

Date of Amended Location.....March 27th..... A. D. 1915.

Attest:

William Berg.  
Samuel Frolley.

Recorded at the request of J.C.Denton at 40 minutes past 9 o'clock A.M., April 1st, 1915 in Book I.I. of Mining Claims, pages 62-63, Records of Mohave County, Arizona.

J. W. Morgan County Recorder.



# Amended Location Certificate

KNOW ALL MEN BY THESE PRESENTS, That Wm Berg and Samuel

Frolley

the undersigned citizens of the United States, over the age of twenty-one years, having complied with all the requirements of the laws of the United States and the State of Arizona, relating to mining claims, and with the local laws, customs, rules and regulations of San Francisco Mining District, hereby make and file this Additional and amended location of the Horse Shoe No. 2 Lode, claiming by right of discovery, location, primal appropriation and possession 1500 feet, linear and horizontal measurement, on this vein or lode of quartz, or other rock in place, bearing Gold - Silver and other valuable minerals, with all dips, variations and angles the same being 240 feet along the ledge in a South Easterly direction from the discovery shaft and 1260 feet along the ledge in a North westerly direction therefrom, together with 300 feet in width on each side of the middle of said ledge, and all veins, lodes, ledges, mineral deposits, mineral and surface ground within the lines of said claim.

Situate in San Francisco Mining District, County of Mohave, State of Arizona, in and more particularly described as follows, to-wit:

Beginning at the S. W. Cor. which is on the North end line of the Horse Shoe lode, at 50 ft. Southwesterly from the N. E. Cor. thence North Easterly 300 ft to the South end center and 600 ft to the South East Corner, thence Northwesterly 1500 ft to the North East Corner, thence Southwesterly 300 ft to the North end Center and 600 ft to the North West Corner, thence South Easterly 1500 ft to the South West Corner, the place of beginning.

Magnetic Variation 14° East.

All Corners and End Centers are Pine posts 4½ ft Long 4 ins. sq. set in mound of earth and stone.

by Wm Berg and Samuel Frolley on

THIS AMENDED LOCATION is made in conformity with the original location, made September 5th 1. 912, recorded November 19th 1. 912, in Book H.H., Page 445, of Quartz Locations, in the office of the Recorder of said County, and it is made for the purpose of appropriating all ground within the boundaries hereinbefore described, and of more definitely describing the situation and boundaries of said lode, correcting any irregularities, informalities or errors, supplying omissions and correcting any defects which may have existed in the original location, or the record thereof, hereby waiving no rights acquired under and by virtue of said original location. And if the original location or the certificate thereof is void, then this location shall be an original location and this certificate an original certificate.

Date of Original Discovery September 5th A. D. 1. 912.

Date of Amended Location March 27th A. D. 1915.

Attest:

Wm Berg.  
Samuel Frolley

Recorded at the request of J.C. Denton at 40 minutes past 9 o'clock A.M., April 1st, 1915 in Book I.I. of Mining Claims, Pages 63-64, Records of Mohave County, Arizona.

J. W. Morgan, County Recorder.

# Amended Location Certificate

KNOW ALL MEN BY THESE PRESENTS, That Sam Frolley and Wm Berg



The undersigned citizen S of the United States, over the age of twenty-one years, having complied with all the requirements of the laws of the United States and the State of Arizona, relating to mining claims, and with the local laws, customs, rules and regulations of San Francisco Mining District, hereby make and file this Additional and amended location of the I. W. W. Fraction Lode, claiming by right of discovery, location, primal appropriation and possession 1500 feet, linear and horizontal measurement, on this vein or lode of quartz, or other rock in place, bearing Gold - Silver and other valuable minerals, with all dips, variations and angles the same being 210 feet along the ledge in a North westerly direction from the discovery ~~site~~ <sup>cut</sup> and 1290 feet along the ledge in South Easterly direction therefrom, together with 300 feet in width on each side of the middle of said ledge, and all veins, lodes, ledges, mineral deposits, mineral and surface ground within the lines of said claim.

Situate in San Francisco Mining District, County of Mohave, State of Arizona, in and more particularly described as follows, to-wit:

Beginning at the N. E. Cor. which is identical with the S. E. Cor. of the Horse Shoe lode Thence South westerly 300 ft to the North end Center and 600 ft to the N. W. Cor. Identical with the S. W. Cor. of the Horse Shoe lode Thence South Easterly 1500 ft to the S. W. Corner. Thence North Easterly 300 ft to the South End Center and 600 ft. to S. E. Cor. Thence North Westerly 1500 ft to the place of beginning.

Magnetic Variation 14° East.

This is a Fractional Claim lying between the Horse Shoe, Arizona, Red Cloud Ext, Red Cloud and Standard lodes, and all ground in conflict with said claims is hereby excluded from this Claim. All Corners and End Centers are pine posts 4 1/2 ft Long 4 ins. sq. set in a mound of earth and Stone.

by Sam Frolley and Wm Berg on

THIS AMENDED LOCATION is made in conformity with the original location, made January 25th 1. 915, recorded March 11th 1. 915, in Book J.J., Page 652, of Quartz Locations, in the office of the Recorder of said County, and it is made for the purpose of appropriating all ground within the boundaries hereinbefore described, and of more definitely describing the situation and boundaries of said lode, correcting any irregularities, informalities or errors, supplying omissions and correcting any defects which may have existed in the original location, or the record thereof, hereby waiving no rights acquired under and by virtue of said original location. And if the original location or the certificate thereof is void, then this location shall be an original location and this certificate an original certificate.

Date of Original Discovery January 25th A. D. 1. 915.  
Date of Amended Location March 27th A. D. 1915.

Attest:

Sam Frolley  
Wm Berg.

Recorded at the request of J.C. Denton at 40 minutes past 9 o'clock A.M., April 1st 1915 in Book I.I. of Mining Claims, pages 64-65, Records of Mohave County, Arizona.

J. W. Morgan County Recorder.



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

**Department of the Interior,**

OFFICE OF U. S. SURVEYOR-GENERAL,

Phoenix, Arizona,

May 17, 1916

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

UNITED WESTERN MINES COMPANY

known as the Horse Shoe, Horse Shoe No. 1, Horse Shoe No. 2,  
I.W.W. Fraction.

situate in San Francisco

Mining District, Mohave County, Arizona,

in Sections 10 &amp; 15, Township No. 19 N., Range No. 20 W., unapp'd., and

designated as Survey No. 3251, has been correctly copied from the originals on file in this office; that said Field Notes furnish such an accurate description of said mining claim as will, if incorporated into a patent, serve fully to identify the premises, and that such reference is made therein to natural objects or permanent monuments as will perpetuate and fix the *locus* thereof.

And I further certify that five hundred dollars' worth of labor has been expended or improvements made upon said mining claim by claimant or its grantors, and that said improvements consist of 6 shafts, 1 drift, 1 cut and 2 crosscuts, total value \$12400. Improvement No. 1 on the Horse Shoe lode being a common improvement for the benefit and development of all four of the lodes in this survey, an undivided one-fourth interest therein, value \$3050, is properly credited to each claim in this group.

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,

May 17, 1916

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

United Western Mines Company

known as the Horse Shoe, Horse Shoe No. 1, Horse Shoe No. 2, I. W. W. Fraction.

situate in San Francisco mining district, Mohave County, Arizona.

in Sections 10 & 15, Township No. 19 N., Range No. 20 W., unapp'd.

designated as Survey No. 3251

executed by Edward L. Haff, U. S. Deputy Mineral

Surveyor, November 20-December 20, 1915, under my instructions dated

November 10, 1915, 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.