

JUN 14 1913

(4-683.)

Mineral Survey No. 3054

Lot No.

ARIZONA Land District.

FIELD NOTES

OF THE SURVEY OF THE MINING CLAIM OF  
COPPER QUEEN CONSOLIDATED MINING COMPANY

KNOWN AS THE  
GRAND CENTRAL

OLD HAT Mining District,

PIMA County, Arizona.

Section 17 Uns., Township 11 South, Range 16 East C & S R B & M

Surveyed under instructions dated March 13, 1913

by Ralph L. Motz,  
U. S. Deputy Mineral Surveyor.

Claim located see location notice, 1

Survey commenced June 7, 1913., 1

Survey completed June 7, 1913., 1

o 6-100

Postoffice address of claimant's attorneys,  
Ellinwood & Ross,  
Bisbee, Arizona.

Beginning at Cor No 1, the S E Cor, identical with location, a pine post 4 ft long 4 ins sq set 18 ins in the ground in a mound of stones and scribed 1-3054 G C L, whence a limestone ledge in place with 29 x 13 inch exposure, chiselled BR x 1-3054 brs N 14° 13' E 5.5 ft, a second limestone ledge in place with 12 x 24 x 8 inch high exposure with like chiselling brs S 35° 04' W 10.4 ft, Marble Peak brs S 43° 42' W, and the N W Cor of Sec 21, Tp 11 S, R 16 E, G & S R B & M brs S 42° 52' E 2805.4 feet.

Thence N 69° 28' W

1014.1 intersect line 3-4, Survey No 3017, Eagle No 2 lode at S 59° 16' W 185.2 ft from Cor No 4, Eagle No 2 lode.

1237.9 same bearing to Cor No 2, the S W Cor, identical with location and with the N W Cor, Cor No 5 and Cor No 4 respectively of the Daily No 3 lode, unsurveyed, Survey No 2871 Hidden Treasure lode and Survey No 2871 Roosevelt lode, a pine post 4 ft long 4 ins square set 18 ins in the ground in a mound of stones and scribed 2-3054 G C L, whence a limestone rock in place 23 x 19 x 12 ins high chiselled BR x 2-3054 brs S 69° 28' E 25.85 ft and a limestone ledge with 33 x 12 x 7 ins high exposure with like chiselling brs N 9° 07' E 9.2 ft, a pine tree 18" in diameter by 50 ft high scribed BT x 2-3054 brs S 75° 35' W 52.1 ft.

Thence N 19° 10' E

284.8 To location for west end center, being a monument of rocks 3 ft high with a 3 ft base.

573.9 same bearing to Cor No 3, the N W Cor, identical with location, a pine post 4 ft long 4 ins sq set 18 ins in the ground in a mound of stones and scribed 3-3054 G C L, whence Cor No 5, Survey No 2871 Roosevelt lode brs N 80° 13' E 5.36 ft, a granite rock in place 24 x 30 x 9 ins high chiselled BR x 3-3054 brs S 14° 03' W 17.2 ft and a second granite rock in place 21 x 24 x 10 ins high with like chiselling brs N 37° 54' E 24.9 ft.

Thence S 69° 53' E

4.7 intersect line 5-4 Survey No 2871 Roosevelt lode at S 19° 38' W 2.7 ft from Cor No 5 and N 19° 38' E 573.8 ft from Cor No 4, Survey No 2871 Roosevelt lode,  
 1237.7 same bearing to Cor No 4, the N E Cor, identical with location, a pine post 4 ft long 4 ins sq set 18 ins in the ground in a mound of stones and scribed 4-3054 G C L, whence a granite ledge with 66 x 28 x 12 ins high exposure chiselled BR x 4-3054 brs N 16° 12' W 12.1 ft and a second granite ledge with 33 x 18 x 18 ins exposure with like chiselling brs S 64° 48' E 14.3 ft.

Thence S 19° 10' W

51.4 intersect line 2-3 Survey No 3017 Eagle lode at N 59° 16' E 591.8 ft from Cor No 2, Survey No 3017 Eagle lode.  
 298.2 same bearing to location for east end center, being a monument of stones 3 ft high with a 3 ft base,  
 568.6 same bearing to the intersection with lines 4-1, 1-2, of Survey No 3017 Eagle No 2 lode and Eagle lode respectively at S 61° 13' E 907.3 ft, and S 61° 13' E 386.6 ft from Cor No 4 and Cor No 2, respectively of Survey No 3017 Eagle No 2 and Eagle lodes.  
 583.0 same bearing to Cor No 1, the place of the beginning.

LEDGE.

The presumed course of the vein on this claim is from the east end center N 69° 28' W 1237.9 ft.

AREAS.

Total area Grand Central lode- - - - - 16.434 A.  
 Area in conflict with  
 Survey No 3017 Eagle lode- - - - - 2.263 A.  
 Survey No 3017 Eagle No 2 lode - - - - - 1.830 A.  
 Survey No 2871 Roosevelt lode- - - - - 0.031 A.

IMPROVEMENTS.

I hereby certify that the value of the labor and improvements made upon this claim by the claimant or its grantors is not less than five hundred dollars and that said improvements consist of:-

|                                       |  |           |
|---------------------------------------|--|-----------|
| No. 1.                                | Discovery Cut 6 x 12 x 32 ft long with tunnel at face 4 x 6 x 21 ft long brg S 69° 28' E, the mouth of open cut brs from west end center location S 69° 28' E 110.0 ft. Value - - - - -                          | \$300.00  |
| No. 2.                                | Open Cut 4 x 10 x 17 ft long, the mouth of which brs from Cor No 2 N 76° 50' E 149.4 ft. Value - -   | 50.00     |
| No. 3.                                | Open Cut 9 x 6 x 11 ft long, with shaft in bottom 9 x 5 x 6 ft deep, the mouth of open cut brs from Cor No 2 S 77° 54' E 290.3 ft. Value - - - - -   | 100.00    |
| No. 4.                                | Open Cut 5 x 12 x 17 ft long, with tunnel at face 5 x 6 x 6 ft long brg S 61° W, mouth of open cut brs from Cor No 4 N. 79° 37' W 421.9 ft. Value - -  | 100.00    |
| No. 5.                                | Open Cut 6 x 12 x 18 ft long brg S 39° W, the mouth of open cut brs from Cor No 4 S 84° 32' W 527.5 ft. Value - - - - -  | 50.00     |
| No. 6.                                | Open Cut 5 x 8 x 23 ft long, with open cut in bottom 12 x 12 x 15 ft long and tunnel in face 4 x 6 x 20 ft long brg S 41° W, the mouth of 23 ft open cut brs from Cor No 4 S 83° 10' W 457.5 ft. Value - - - - - | 250.00    |
| No. 7.                                | Open Cut 5 x 12 x 21 ft long brg S 38° W, the mouth of which brs from Cor No 4 S 73° 30' W 383.1 ft. Value - - - - -   | 75.00     |
| No. 8.                                | Open Cut 5 x 10 x 17 ft long brg S 40° W, the mouth of which brs from Cor No 4 S 63° 38' W 332.8 ft. Value - - - - -   | 50.00     |
| No. 9.                                | Open Cut 10 x 13 x 20 ft long brg S 60° W, the northeast corner of which brs from Cor No 4 S 51° 25' W 252.8 ft. Value - - - - -   | 100.00    |
| No.10.                                | Shaft 8.5 x 6 x 25 ft deep, the northeast corner of which brs from Cor No 4; S 53° 37' W 266.5 ft Value - - - - -  | 200.00    |
| Total value of improvements - - - - - |  | \$1275.00 |

ADJOINING CLAIMS.

- North. Sawyer, <sup>lode</sup> unsurveyed, owned by Al James.
- East. Survey No 3017, Eagle lode, owned by the applicant herein.
- South. Survey No 3017, Eagle No 2 lode, owned by the applicant herein.  
Daily No 3 lode, unsurveyed, owned by Wm. & John Daily.
- West. Survey No 2871, Roosevelt<sup>t</sup> lode, owned by the Pima Copper Co.

LOCATION.

This claim is located in the Old Hat Mining District Pima County, Arizona, in Sec 17 unsurveyed, Tp 11 S, R 16 E, G & S R B & M., within the Coronado Nat'l. Forest.

INSTRUMENT.

This survey was made with a C. L. Berger & Sons No 1 C transit. The courses were deflected from the true meridian

as determined by a solar observation. The distances were measured with a 100 and 300 ft steel tapes. Magnetic variation  $13^{\circ} 30'$  E at all corners.

REPORT.

Roosevelt Lode Survey No 2871. I find the line 4-5 to be  $N 19^{\circ} 38' E$  576.5 ft instead of  $N 20^{\circ} E$  600.0 ft, the line 4 to end center to be  $N 19^{\circ} 38' E$  284.8 ft instead of  $N 20^{\circ} E$  300.0 ft. Cor No 4 is a pine post 4 ins in diameter and scribed 5-2871 R. East end center is an oak post 3 ins in diameter and scribed SE Center R. Corner No 5 is an oak post 3 ins in diameter and scribed R 5-2871.

Survey No 3017, Eagle and Eagle No 2 lodes. I find lines 3-4, 4-1, 2-1 and 2-3 to be correct in distance and bearing. Corners 3, 4 and 1 of the Eagle No 2 lode and Corners 1, 2 and 3 of the Eagle lode are pine posts 4 ins square. Northwest corner of Section 21, Tp 11 S, R 16 E, is a garnet rock set in the ground and measures 8 x 9 x 6 ins high. On the south side is chiselled III, and on the east side is chiselled IIII.

*Ralph L. Motz*

U.S. Mineral Surveyor.

Dated at Bisbee, Arizona.

June 11th, 1913.

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# FINAL OATHS FOR SURVEYS.

## LIST OF NAMES.

A list of the names of the individuals employed by Ralph L. Motz

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

Copper Queen Consolidated Mining Company

known as the Grand Central

and showing the respective capacities in which they acted.

Bert Gmehle, Chainman.

....., Chainman.

....., Axman.

....., Flagman.

## FINAL OATHS OF ASSISTANTS.

~~We~~, I, Bert Gmehle

~~do~~....., do solemnly swear that <sup>I</sup>~~we~~ assisted

Ralph L. Motz, United States ~~Deputy~~ Mineral Surveyor, in marking the corners and surveying the boundaries of the mining claim of

Copper Queen Consolidated Mining Company

known as the Grand Central

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

Bert Gmehle, Chainman.

....., Chainman.

....., Axman.

....., Flagman.

Subscribed and sworn to by the above-named persons before me this 17

day of June, 1913.

*My Commission Expires February 21, 1916* } JW Ross  
Notary Public

FINAL OATH OF U. S. DEPUTY MINERAL SURVEYOR

I, Ralph L. Motz, U. S. Deputy Mineral Surveyor, do solemnly swear that, in pursuance of instructions received from the United States Surveyor General for Arizona, dated March 13, 1913, 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 Copper Queen Consolidated Mining Company, known as the Grand Central, situate in Old Hat Mining District, Pima County, Arizona, in Section 17 Un~~s~~ Township No. 11 S., Range No. 16 E. G. & S. R. B. & M., and designated as Survey No. 3054, 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.

Ralph L. Motz
U. S. Deputy Mineral Surveyor.

Subscribed and sworn to by the said Ralph L. Motz

U. S. Deputy Mineral Surveyor, before me

J. W. Ross, Notary Public this 12th

day of June 1913.

My Commission Expires Feb 21, 1916

J. W. Ross Notary Public

AMENDED NOTICE OF MINING LOCATION. LODE CLAIM.

FILED 13 1913

TO ALL WHOM IT MAY CONCERN: This Mining Claim, the name of which is the Grand Central Mining Claim, situate of 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 William Reid, a citizen of the United States the undersigned, on the 23rd day of February 1911.

The length of this claim is fifteen hundred feet, and I claim one hundred feet in a westerly direction and fourteen hundred feet in an easterly direction from the center of the discovery shaft, at which this notice is posted, lengthwise of the claim, together with three hundred feet in width of the surface grounds, on each side of the center of said claim.

The general course of the lode deposit and premises is from the easterly to the westerly.

The claim is situated and located in the Old Hat Mining District, in Pima County, in the Territory of Arizona, about 4500 feet in an easterly direction from the Silver Reef mining claim and adjoins the McKinley mining claim, and was formerly known as the Eagle mining claim.

The surface boundaries of the claim are marked upon the ground as follows: Beginning at a monument of stones at a point in a westerly direction one hundred feet from the discovery shaft (at which this notice is posted) being in the center of the westerly end line of said claim; thence northerly 300 feet to a monument of stone being the northwesterly corner of said claim; thence easterly 1500 feet to a monument of stone being at the northeasterly corner of said claim; thence southerly 300 feet to a monument of stone at the center of the easterly end of said claim; thence southerly 300 feet to a monument of stone being at the southeasterly corner of said claim; thence westerly 1500 feet to a monument of stone at the southwesterly corner of said claim; thence northerly 300 feet to the place of beginning.

All done under the provisions of Chapter Six, of Title XXXI, of the Revised Statutes of the United States, and of an Act of the General Assembly

of Arizona, entitled "An Act to Revise and and Codify the Laws of the Territory of Arizona", approved March 16, 1901.

This is an Amended Location Notice of the Grand Central Mining Claim, located by Peter O'Dea and P.P.Sullivan on the 4th day of April 1899, and recorded in Book GG of Records of Mines, at page 257, in the office of the County Recorder of the aforesaid County of Pima to which reference is hereby made, and this Amended Location Notice is made and posted to correct errors in the description in the said original Location Notice.

Dated and posted on the ground this 23rd day of February, 1911.

William Reid

Filed and recorded at request of Wm.Reid, Mar.17, 1911 at 2-P.M.

Ben Heney, County Recorder,

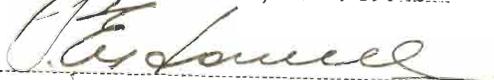
By L.M.Shibell, Deputy

Book QQ, page 498.

STATE OF ARIZONA, }  
 COUNTY OF PIMA. } ss.

I, P. E. Howell, ..... County Recorder in and for the  
 County of Pima, do hereby certify that the above and foregoing is a full, true and correct copy.....  
 of the Amended Notice of the Grand Central Mining Claim, situated in the  
 Old Hat Mining District, in Pima County, Ariz., on the 23rd day of Feb. 1911,  
 .....  
 as appears of record now in my office in Book QQ Record of Mines Pages 498,

IN WITNESS WHEREOF, I have hereunto set my  
 hand and affixed my official seal, at my office  
 in Tucson, this 8 ..... day of  
November ..... , A. D. 191 2

  
 County Recorder of Pima County,  
 Arizona.

4-688.

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

Department of the Interior,

OFFICE OF U. S. SURVEYOR-GENERAL,

Phoenix, Arizona,

September 5, 1913.

I, U. S. Surveyor-General for Arizona do hereby certify that the foregoing transcript of the Field Notes, return and approval of the survey of the mining claim of

COPPER QUEEN CONSOLIDATED MINING COMPANY

known as the GRAND CENTRAL

situate in OLD HAT

Mining District, PIMA County, ARIZONA.

in Section 17 Uns., Township No. 11 S., Range No. 16 E., and

designated as Survey No. 3054, 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 9 cuts, 3 tunnels and 2 shafts, total value \$1275.00

and that no portion of said labor or improvements has been included in the estimate of expenditures upon any other claim.

I further certify that the plat thereof, filed in the U. S. Land Office at Phoenix, Arizona, is correct and in conformity with the foregoing Field Notes.

Frank S. Ingalls,

United States Surveyor-General for Arizona.

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,

September 5, 1913.

I, U. S. Surveyor-General for Arizona.

do hereby certify that the foregoing and hereto attached Field Notes and Return of the Survey of the Mining Claim of

COPPER QUEEN CONSOLIDATED MINING COMPANY

known as the

GRAND CENTRAL

situate in OLD HAT mining district,

PIMA

County,

ARIZONA

in Section 17 Uns, Township No. 11 S., Range No. 16 E.

designated as Survey No. 3054

executed by Ralph L. Motz, U. S. Deputy Mineral

Surveyor, June 7, 1913, 190, under my instructions dated

March 13, 1913, 190,

have been critically examined and the necessary corrections and explanations made, and the said Field Notes and Return, and the Survey they describe, are hereby approved. A true copy of the copy of the location certificate filed by the applicant for survey is included in the field notes.

Frank S. Lyall

U. S. Surveyor-General for Arizona.