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4-683

MINERAL SURVEY No. 3538

Arizona Land District.

FIELD NOTES

OF THE SURVEY OF THE MINING CLAIM OF

N. L. Hayden, Emil Marks, Lee Jovanovich, Elmer Johnson and

Chase L. Purdy

KNOWN AS THE

BULL MOOSE lode

Warren Mining District,

Cochise County, Arizona

Section 7 & 18, Unapp'd Township 23 S., Range 24 E. G & S R

Surveyed under instructions dated August 10th, 1918. B & M

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

Claim located see location notice attached, 19

Survey commenced September 3rd, 1918.

Survey completed September 3rd, 1918.

Address of claimant's attorney, Cleon T. Knapp,  
Bisbee, Arizona.

DATES OF AMENDED LOCATIONS.

## BULL MOOSE.

Feet.

Beginning at Cor. No. 1, the S. W. Cor., identical with location, a pine post 4 feet long 4 inches square set 18 inches in the ground in a mound of stones and scribed 1-3538 B M, whence a quartzite rock in place 18 x 52 x 18 inches above ground chiseled B R x 1-3538 bears N. 79° 49' E. 6.2 ft., and a quartzite ledge with 16 x 22 x 17 inch high exposure with like chiseling bears S. 25° 11' W. 8.3 feet, and the N. W. Cor. of Sec. 30, T. 23 S., R. 24 E., G & S R B & M bears S. 6° 15' 30" W. 9996.7 ft.  
 thence N. 36° 57' W.

1500.0 to Cor. No. 2, the N. W. Cor., identical with location and with the southwest corner of Verde No. 4 lode, unsurveyed, a pine post 4 feet long 4 inches square set 18 inches in the ground in a mound of stones and scribed 2-3538 B M, whence a quartzite ledge with 20 x 35 x 21 inch high exposure chiseled B R x 2-3538 bears S. 36° 05' E. 8.4 ft., and a second quartzite ledge with 3 x 43 x 22 inch high exposure with like chiseling bears N. 1° 38' W. 14.8 ft., and the Cor. of Secs. <sup>18.</sup> 7, 12 and <sup>23a</sup> 13, T. 23 S., R. 24 E., G & S R B & M bears S. 19° 16' W. 639.7 ft.  
 thence N. 79° 49' E.

335.0 to original location for the north end center, being a mound of stones 3 feet high with a 3 foot base,

-670.0 to Cor. No. 3, the N. E. Cor., identical with location and with the southeast corner of Verde No. 4 lode, unsurveyed, a pine post 4 feet long 4 inches square set 18 inches in the ground in a mound of stones and scribed 3-3538 B M, whence a quartzite rock in place 14 x 25 x 18 inches above ground chiseled B R x 3-3538 bears S. 36° 57' E. 11.2 ft. and an oak tree 6 inches in diameter and 12 feet high, blazed and scribed B T x 3-3538 bears N. 11° 27' W. 5.4 ft.  
 thence S. 36° 57' E.

658.7 to Cor. No. 2, Sur. No. 3195 Umpire No. 1 lode and the southwest corner of El Paso lode, unsurveyed,

1500.0 to Cor. No. 4, the S. E. Cor., identical with location and with Cor. No. 3, Sur. No. 3386 Umpire lode and situated on line 1-2 Sur. No. 3195 Umpire No. 1 lode, a redwood

Feet.

post 4 feet long 4 inches square set 18 inches in the ground in a mound of stones and scribed A-3538 B M, whence a limestone ledge with 36 x 57 x 27 inch high exposure chiseled B R x 4-3538 bears N. 25° 30' E. 3.5 ft., and a second limestone ledge with 45 x 25 x 28 inch high exposure with like chiseling bears N. 73° 10' W. 9.4 ft.

thence S. 79° 49' W.

335.0 along line 3-2 Sur. No. 3386 Umpire lode to original location for the south end center, being a mound of stones 3 ft. high with a 3 ft. base,

464.0 to Cor. No. 2 Sur. No. 3386 Umpire lode and the northeast corner of Madero lode, unsurveyed,

670.0 to Cor. No. 1, the place of the beginning.

LEDGE.

The presumed course of the vein on this claim is from the south end center N. 36° 57' W. 1500.0 ft.

AREA.

Total area Bull Moose lode - - - - - 20.600 A.

LOCATION.

This survey is located in Secs. 7 and 18, unapproved, T. 23 S., R. 24 E. G & S R B & M, in the Warren Mining District Cochise County, Arizona.

IMPROVEMENTS.

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

- |       |  |       |          |
|-------|--|-------|----------|
| No.1. | Discovery open cut 8 x 10 x 9 ft. long<br>brg N. 52° W., the mouth of which bears<br>from south end center on lode line 60.0<br>ft.  | Value | \$100.00 |
| No.2. | Open cut 13 x 13 x 12 ft. long, with<br>tunnel at face 4 x 6 x 12 ft. long,<br>both bearing N. 52° W., the mouth of<br>which bears from south end center N.<br>75° 11' W. 80.2 ft. | Value | \$405.00 |
|       | Total value  |       | \$505.00 |

ADJOINING CLAIMS.

North. Verde No. 4, unsurveyed owned by L. Jacobson, N. L. Hayden and C. Muirhead.

East. El Paso lode, unsurveyed, owned by I. Jacobson and Chas. Rambo.  
Sur. No. 3195 Umpire No. 1 lode.

South. Sur. No. 3386 Umpire lode.  
Madero lode, unsurveyed, owned by I. Jacobson and N. L. Hayden.

## INSTRUMENT.

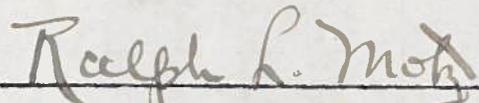
This survey was made with a Gurley Light Mountain transit. The courses were deflected from the true meridian as determined for Surveys No. 3195 and 3386. The distances were measured with 100 and 300 foot steel tapes. Magnetic variation 12° 30' East at all corners.

## REPORT.

The N. W. Cor. of Sec. 30, T. 23 S., R. 24 E., G & S R B & M is a limestone rock  $5\frac{1}{2}$  x 11 x 5 inches above ground chiseled II on south side and IIII on north side.

The Cor. of Secs. 12 and 13, T. 23 S., R. 23 E. and Secs. 7 and 18, T. 23 S., R. 24 E. is an iron pipe with copper cap.

All corners of adjoining approved surveys are posts properly set and scribed.

  
U. S. Mineral Surveyor.

Dated at Bisbee, Arizona.

July 5th, 1919.

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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 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 N. L. Hayden,  
Emil Marks, Lee Jovanovich, Elmer Johnson and Chase L. Purdy  
 known as the BULL MOOSE lode  
 and showing the respective capacities in which they acted.

K. S. Adams ..... , *Chainman.*  
 ..... , *Chainman.*  
 ..... , *Asman.*  
 ..... , *Flagman.*

## FINAL OATHS OF ASSISTANTS.

~~WR~~ I, K. S. Adams  
~~XXXX~~ ..... , do solemnly swear that <sup>I</sup>~~WR~~ assisted  
Ralph L. Motz ..... , United States Mineral Surveyor, in marking the corners and surveying  
 the boundaries of the mining claim of N. L. Hayden, Emil Marks, Lee Jovanovich,  
Elmer Johnson and Chase L. Purdy  
 known as the BULL MOOSE lode  
 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 <sup>my</sup>~~XXXX~~ 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

K. S. Adams ..... , *Chainman.*  
 ..... , *Chainman.*  
 ..... , *Asman.*  
 ..... , *Flagman.*

Subscribed and sworn to by the above-named person~~X~~ before me this 5th  
 day of July ..... , 1919.

Charles R. Woods  
 Notary Public in and for the County  
 of Cochise, State of Arizona.  
 My commission expires May 23rd, 1921.

FINAL OATH OF U. S. MINERAL SURVEYOR.

I, Ralph L. Motz, U. S. Mineral Surveyor, do solemnly swear that, in pursuance of instructions received from the United States Surveyor General for Arizona, dated August 10th, 1918, 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 N. L. Hayden, Emil Marks, Lee Jevanovich, Elmer Johnson and Chase L. Purdy, known as the BULL MOOSE lode, situate in Warren Mining District, Cochise County, Arizona, in Section 7 & 18 Unapp'd., Township No. 23 S., Range No. 24 E. G & S R B & M, and designated as Survey No. 3538, 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 claimants or their 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. Mineral Surveyor.

Subscribed and sworn to by the said Ralph L. Motz, U. S. Mineral Surveyor, before me Charles R. Woods, Notary Public this 5th day of July, 1919.

Charles R. Woods
Notary Public in and for the County of Cochise, State of Arizona. My commission expires May 23rd, 1921.

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

Department of the Interior,

OFFICE OF U. S. SURVEYOR-GENERAL,

Phoenix, Arizona,

October 2, 1919.

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 H. L. Hayden, Emil Marks, Lee Jovanovich, Elmer Johnson, and Chase L. Purdy,

known as the BULL MOOSE lode

situate in Warren

Mining District, Cochise County, Arizona

(Unapp'd) in Section 7 & 18, Township No. 23 S., Range No. 24 E. G&SRB&M, and

designated as Survey No. 3538, 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 claimants or their grantors, and that said improvements consist of 2 cuts and 1 tunnel, total value \$505.

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.

(S) 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,

October 2, 1919

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 N. L. Hayden, Emil Marks, Lee Jovanovich, Elmer Johnson, and Chase L. Purdy,

known as the

BULL MOOSE lode

situate in Warren mining district,

Cochise County, Arizona

(Unapp'd)

in Section s 7 & 18, Township No. 23 S., Range No. 24 E.

G&SRB&M, designated as Survey No. 3538

executed by Ralph L. Motz, United States Mineral

Surveyor, September 3, 1918, under my instructions dated

August 10, 1918, 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 of the Surveyor-General

U. S. Surveyor-General for Arizona.