

Feb 20 1918

4-683

MINERAL SURVEY No. 3478

Jan 31 1918

Arizona Land District.

FIELD NOTES

OF THE SURVEY OF THE MINING CLAIM OF

H. L. Christiansen

KNOWN AS THE

Lone Star and Morning Star lodes

Warren Mining District,

Cochise County, Arizona

Section and $\frac{31}{6}$, Township 23 S. 24 S., Range 25 E 25 E

Surveyed under instructions dated January 23rd, 1918.

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

Claim located see location notices ~~attached~~

Survey commenced February 5th, 1918.

Survey completed February 6th, 1918.

Address of claimant's attorney, J. D. Taylor, Atty.
Bisbee, Arizona.

DATES OF AMENDED LOCATIONS.

Feet.	MORNING STAR. 16de.
	Beginning at Cor No 1, the S W Cor, identical with location, a redwood post 4 ft long 4 ins sq set 18 ins in the ground in a mound of stones and scribed 1-3478 M S, whence the 1/4 Cor between Sec. 31, T. 23 S., R. 25 E., and Sec 6, T. 24 S., R. 25 E., G & S R B & M brs S 14° 35' E 523.4 ft.
	thence N 57° 01' E
324.0	to original location for west end center, being a mound of stones 3 ft high with a 3 ft base,
648.0	to Cor No 2, the N W Cor, identical with location, a redwood post 4 ft long 4 ins sq set 18 ins in the ground in a mound of stones and scribed 2-3478 M S. No bearings available.
	thence S 55° 15' E
462.0	cross gulch,
1500.0	to Cor No 3, 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 3-3478 M S. No bearings available.
	thence S 57° 01' W
8.4	intersect line between Sec. 31, T. 23 S., R. 25 E., and Sec. 6, T. 24 S., R. 25 E., G & S R B & M at west 1034.3 ft from the Cor of Secs. 31 and 32, T. 23 S., R. 25 E., and Secs. 5 and 6, T. 24 S., R. 25 E., and east 1636.8 ft from the 1/4 Cor between Sec. 31, T. 23 S., R. 25 E., and Sec. 6, T. 24 S., R. 25 E.
122.0	to Cor No 1, Lone Star lode this survey,
324.0	along line 1-4 Lone Star lode this survey to original location for east end center, being a mound of stones 3 ft high with a 3 ft base,
399.0	cross gulch,
422.0	to west end center Lone Star lode this survey,
648.0	to Cor No 4, the S E Cor, identical with location and situated on line 4-1 Lone Star lode this survey, an iron pipe 2 1/2 inches in diameter 4 ft long set 18 ins in the

Feet.

ground in a mound of stones and chiseled 4-3478 M. S. No bearings available.

thence N 55° 15' W

611.1 intersect line between Sec. 31, T. 23 S., R. 25 E., and Sec 6, T. 24 S., R. 25 E., G & S R B & M at east 598.4 ft from the 1/4 Cor between Sec. 31, T. 23 S., R. 25 E., and Sec. 6, T. 24 S., R. 25 E., and west 2072.7 ft from the Cor of Secs. 31 and 32, T. 23 S., R. 25 E., and Secs. 5 and 6, T. 24 S., R. 25 E.

1500.0 to Cor No 1, the place of the beginning.

LONE STAR lode.

Beginning at Cor No 1, the N W Cor, identical with location and situated on line 3-4 Morning Star lode this survey, a pine post 4 ft long 4 ins sq set 18 ins in the ground in a mound of stones and scribed 1-3478 L S, whence the Cor of Secs. 31 and 32, T. 23 S., R. 25 E., and Secs. 5 and 6, T. 24 S., R. 25 E., G & S R B & M brs N 86° 52' E 1131.3 ft.

thence S 44° 52' E

1500.0 to Cor No 2, the N E Cor, identical with location, an iron pipe 2 1/2 inches in diameter 4 ft long set 18 ins in the ground in concrete in a mound of stones and chiseled 2-3478 L S, whence a limestone rock in place 14 x 27 x 11 ins above ground chiseled BR x 2-3478 brs N 70° 07' E 14.2 ft.

thence S 57° 01' W

10.0 across gulch,

300.0 to original location for east end center, being a pine post 4 ft long 4 ins sq set 18 ins in the ground in a mound of stones and scribed E E Ct L S 3478,

600.0 to Cor No 3, 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 3-3478 L S, whence a limestone rock in place 12 x 14 x 5 ins above ground chiseled B R x 3-3478 brs S 49° 41' E 25.4 ft., and a second limestone

Feet. rock in place 16 x 26 x 7 ins above ground with like chisel-
 ing brs N 50° 50' E 8.5 ft.
 thence N 44° 52' W
 1500.0 to Cor No 4, the S 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 4-3478 L S. No bearings avail-
 able.
 thence N 57° 01' E
 74.0 to Cor No 4 Morning Star lode this survey,
 300.0 along line 4-3 Morning Star lode this survey to original
 location for west end center, being a mound of stones 3
 ft high with a 3 ft base,
 325.0 cross gulch,
 398.0 to east end center Morning Star lode this survey,
 600.0 to Cor No 1, the place of the beginning.

 LODGE LINES.

MORNING STAR.

The presumed course of the vein on this claim is from the
 west end center S 55° 15' E 1500.0 ft.

LONE STAR.

The presumed course of the vein on this claim is from the
 west end center S 44° 52' E 1500.0 ft.

AREAS.

Total area, Morning Star - - - - - 20.650 A.

Total area, Lone Star - - - - - 20.219 A.

LOCATION.

This survey is located in Sec. 31, T. 23 S., R. 25 E., and
 Sec. 6, T. 24 S., R. 25 E., G & S R B & M, Warren Mining
 District, Cochise County, Arizona.

EXPENDITURE OF FIVE HUNDRED DOLLARS.

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

MORNING STAR.

No.1.	Discovery cut 4 x 7 x 16 ft long, shaft at face 4 x 6 x 3 ft deep, open cut brg S 30° W, the face of open cut brs from west end center on lode line 670.0 ft.	Value \$ 75.00
No.2.	Shaft 4 x 6 x 10 ft deep brs from point on line 2-3 S 55° 15' E 522.0 ft from Cor No 2, S 19° 40' E 33.0 ft.	Value \$ 50.00
No.3.	Shaft 4 x 6 x 10 ft deep brs from same point, S 27° E 47.5 ft.	Value \$ 50.00
No.4.	Shaft 4 x 6 x 10 ft deep brs from same point S 36° 25' E 64.5 ft.	Value \$ 50.00
No.5.	Shaft 4 x 6 x 10 ft deep brs from same point S 52° 12' W 8.0 ft.	Value \$ 50.00
No.6.	Shaft 4 x 6 x 10 ft deep brs from same point S 28° 01' W 31.5 ft.	Value \$ 50.00
No.7.	Shaft 4 x 6 x 10 ft deep brs from same point S 69° 19' W 37.0 ft.	Value \$ 50.00
No.8.	Shaft 4 x 6 x 10 ft deep brs from same point S 48° 03' W 61.0 ft.	Value \$ 50.00
No.9.	Shaft 4 x 6 x 10 ft deep brs from same point S 43° 40' W 77.6 ft.	Value \$ 50.00
No.10.	Shaft 4 x 6 x 10 ft deep brs from same point S 31° 12' W 87.0 ft.	Value \$ 50.00
		\$525.00

LONE STAR.

No.1.	Discovery shaft 5 x 5 x 40 ft deep at 18 ft is a drift 4 x 6 x 35 ft long brg N 18° W, shaft brs from west end center on lode line 118.0 ft.	Total Value \$850.00
No.2.	Shaft 4 x 6 x 10 ft deep brs from point on line 3-4 S 44° 52' E 290.3 ft from Cor No 4, N 78° E 181.0 ft.	Value \$ 50.00
No.3.	Shaft 5 x 7 x 10 ft deep brs from same point N 74° 26' E 198.7 ft.	Value \$ 60.00
		\$960.00

ADJOINING CLAIMS.

North,
East,
South &
West.

Claims and claimants unknown.

INSTRUMENT.

This survey was made with a Gurley Light Mountain transit. The courses were deflected from the true meridian as determined by a Solar observation. The distances were measured with a 300 foot steel tape. Magnetic variation 12° 30' East at all corners.

REPORT.

Cor of Secs 31 and 32, T. 23 S., R. 25 E., and Secs. 5 and 6, T. 24 S., R. 25 E., G & S R B & M is a sandstone rock 8 x 12 x 5 ins above ground chiseled I on south face and IIIII on east face. A monument of stones 2 ft west.

1/4 Cor between Secs 31, T. 23 S., R. 25 E., and Sec 6, T. 24 S., R. 25 E., G & S R B & M is a quartzite rock 8 x 15 x 12 ins above ground chiseled 1/4 on north face. A monument of stones 2 feet west.

Ralph L. Moz

U. S. Mineral Surveyor.

Dated at Bisbee, Arizona.

February 20th, 1918.

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

H. L. Christiansen

known as the Lone Star and Morning Star lodes

and showing the respective capacities in which they acted.

Roy Green, Chainman.

....., Chainman.

....., Axman.

....., Flagman.

FINAL OATHS OF ASSISTANTS.

~~Wex~~ I, Roy Green

and Ralph L. Motz, do solemnly swear that ~~we~~^I assisted

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

H. L. Christiansen

known as the Lone Star and Morning Star lodes

represented in the foregoing field notes as having been surveyed by said mineral surveyor and under his ~~my~~^{my}

direction; and that said survey has been in all respects, to the best of ~~our~~^{my} 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

Roy Green, Chainman.

....., Chainman.

....., Axman.

....., Flagman.

Subscribed and sworn to by the above-named persons before me this 20th

day of February, 19 18.

J W Ross
Notary Public in and for the County
of Cochise, State of Arizona.
My commission expires Feb. 21st, 1920.

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 January 23rd, 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 H. L. Christiansen, known as the Lone Star and Morning Star lodes, situate in Warren Mining District, Cochise County, Arizona, in Section 31 and 6, Township No. 23 S. and 24 S., Range No. 25 E. G & S R B & M and 25 E. G & VS R B & M, and designated as Survey No. 3478, 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.

Ralph L. Motz
 U. S. Mineral Surveyor.

Subscribed and sworn to by the said Ralph L. Motz
 U. S. Mineral Surveyor, before me J. W. Ross, Notary Public
 this 20th
 day of February, 19 18.

J W Ross
 Notary Public in and for the County
 of Cochise, State of Arizona.
 My commission expires Feb. 21st, 1920.

A M E N D E D
NOTICE OF MINING LOCATION
LODE CLAIM

TO ALL WHOM IT MAY CONCERN:

This Mining Claim, the name of which is the Lone Star Mining Claim, situate on lands belonging to the United States of America, and in which there are valuable mineral deposits, was entered upon and located for the purpose of exploration and purchase by Ben Franks, a citizen of the U.S. the undersigned, on the 16 day of February 1905.

The length of this claim is 1500 feet and I claim 150 feet in a N. Westerly direction, and 1350 feet in a S.Easterly direction from the center of the discovery shaft, at which this notice is posted, lengthwise of the claim, together with 300 feet in width of the surface grounds, on each side of the center of said claim. The general course of the lode deposit and premises is from the north west to the south east.

The claim is situated and located in the Warren Mining District, in Cochise County, in the Territory of Arizona, about 7 miles in a South Easterly direction from the City of Bisbee, and was formerly known as the Lone Star. It connects with the Whalen Claims at its south west corner and the Discovery shaft was known as the Solomon Springs Well.

The surface boundaries of the claim are marked upon the ground as follows: Beginning at monument at a point in a north westerly direction 150 feet from the discovery shaft (at which this notice is posted), being in the center of the west end line of said claim; thence north-easterly 300 feet to a monument, being the northwest corner of said claim; thence southeasterly 1500 feet to a monument, being at the northeast corner of said claims; thence southwesterly 300 feet to a monument at the center of the east end of said claim; thence southwesterly 300 feet to a monument, being at the southeast corner of said claim; thence northwesterly 1500 feet to a monument at the southwest corner of said claim; thence north-easterly 300 feet to the place of beginning.

All done under the provisions of Chapter Six, of Title XXXII, of the Revised Statutes of the United States, and an Act of the General Assembly of Arizona, entitled "An Act to Revise and Codify the Laws of the Territory of Arizona," approved March 16, 1901.

This is an amended Location Notice of the Lone Star Mining Claim, located by William Patten on the 1st day of January 1890, and recorded in Book 12 of Record of Mines, at Page 131, in the office of the County Recorder of the aforesaid County of Cochise 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, and to take in additional ground.

Dated and posted on the ground this 16 day of February 1905.

Witness:

H.R.Freeman

J.R.Butler

Ban Franks

Filed and recorded at request of Ban Franks Apr.7 1905, at 9 A.M, in Book No.33, Records of Mines at Page 427.

Frank Hare,

County Recorder

By R.M.Hattich, Deputy.

RAY B. KREBS,
COUNTY RECORDER

H. L. HUTCHISON,
CHIEF DEPUTY

OFFICE OF THE COUNTY RECORDER
COCHISE COUNTY, ARIZONA

Certificate

STATE OF ARIZONA,)
 :SS
County of Cochise)

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

as appears of record now in this office in Book 33, Records of Mines, at pages 427.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal, at my office in Tombstone, this 12th day of

December, A. D. 1917.

RAY B. KREBS,

COUNTY RECORDER

By

H. L. Hutchison

Deputy



NOTICE OF MINING LOCATION. JAN 25 1918
Lode Claim.

TO WHOM IT MAY CONCERN:

This Mining Claim, the same of which is the **MORNING STAR** Mining Claim, situate on lands belonging to the United States of America, and in which there are valuable mineral deposits, was entered upon and located for the purposes of exploration and purchase by Richard Humphrey, a citizen of the United States, the undersigned, on the 1st day of January, 1902.

The length of this claim is 1500 feet, and I claim 670 feet in a Northwesterly direction and 830 feet in a southeasterly direction from the center of the discovery shaft, at which this notice is posted, lengthwise of the claim, together with 300 feet in width of the surface grounds, on each side of the center of said claim. The general course of the lode deposit and premises is from the northwest to the southwest.

The claim is situated and located in the Warren Mining District, in Cochise County, in the State of Arizona, about 7 miles, in a southeasterly direction from Bisbee and 1000 ft. in a northwesterly direction from Solomon Springs well. It joins the Lone Star on the northwest.

The surface boundaries of the claim are marked upon the grounds as follows: Beginning at a monument of stone, at a point in a northwesterly direction 670 feet from the discovery shaft (at which this notice is posted,) being in the center of the West end line of said claim, thence northeasterly 324 feet to a monument, being the northwest corner of said claim; thence southeasterly 1500 feet to a monument, being at the northeast corner of said claim; thence southwesterly 324 feet to a monument at the center of the east end of said claim; thence southwesterly 324 feet to a monument being at the southeast corner of said claim; thence northwesterly 1500 feet to a monument at the southwest corner of said claim; thence northeasterly 324 feet to the place of beginning.

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All done under the provisions of Chapter Six, of Title XXXII, of the Revised Statutes of the United States, and of an Act of the General Assmebly of Arizona, entitled, "An Act to Revise and Codify the Laws of the Territory of Arizona," approved March 16, 1901.

Dated and posted on the ground, this 1st day of January, 1902.

Richard Humphrey.

Filed and recprded at the request of J. D. Taylor, Dec 31, A.D. 1917, at 9 A.M., in Book 58 of Records of Mines at Page 569.

RAY B. KREBS,
COUNTY RECORDER

H. L. HUTCHISON,
CHIEF DEPUTY

OFFICE OF THE COUNTY RECORDER
COCHISE COUNTY, ARIZONA

Certificate

STATE OF ARIZONA,)
 :SS
County of Cochise)

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

of the Location Notice of **Morning Star** Mining Claim, dated January 1st 1902,

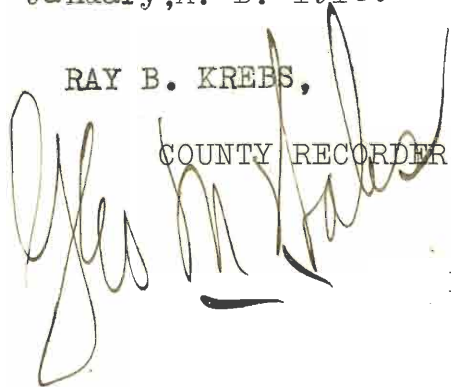
as appears of record now in this office in Book **58 Records of Mines** at page ~~x~~ 569.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal, at my office in Tombstone, this 14th day of

January, A. D. 1918.

RAY B. KREBS,
COUNTY RECORDER

By



Deputy



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

Department of the Interior,

OFFICE OF U. S. SURVEYOR-GENERAL,

Phoenix, Arizona

July 31, 1918.

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

do hereby certify that the foregoing transcript of the Field Notes, return and approval of the survey of the mining claim of

H. L. Christiansen

known as the LONE STAR and MORNING STAR Lodes

situate in Warren

Mining District, Cochise County, Arizona

in Section S 31 6, Township No. 23 S. 24 S., Range No. 25 E. 25 E., and

designated as Survey No. 3478, has been correctly copied from the originals on file in this office; that said Field Notes furnish such an accurate description of said mining claim as will, if incorporated into a patent, serve fully to identify the premises, and that such reference is made therein to natural objects or permanent monuments as will perpetuate and fix the locus thereof.

And I further certify that five hundred dollars' worth of labor has been expended or improvements made upon each of said mining claims by claimant or his grantors, and that said improvements consist of 12 shafts, 1 cut and 1 drift, total value \$1485.00

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 P. Trott.

United States Surveyor-General for Arizona.

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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.

July 31, 1918

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

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

H. L. Christiansen

, known as the

LONE STAR and MORNING STAR Lodes

situate in Warren mining district,

Cochise County, Arizona.

in Sections 31 23 S. 25 E. 6 24 S. 25 E., Township No. Range No.

, designated as Survey No. 3478

executed by Ralph L. Motz, United States Mineral

Surveyor, February 5-6, 1918, under my instructions dated

January 23, 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]

U. S. Surveyor-General for Arizona.