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Aug. 16, 1918

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MINERAL SURVEY No. 3526.

LOT No.

Arizona Land District.

FIELD NOTES

OF THE SURVEY OF THE MINING CLAIM OF

Copper State Mining Company

KNOWN AS THE

CIMBERLAND Lode

Bunker Hill Mining District,

Pinal County, Arizona

Approx. Sections 2 & 11, Township 8 South, Range 18 East
G. & S.R.B. & M. Unsvd.

Surveyed under instructions dated June 24, 1918

by Paul E. Fernald
U. S. Mineral Surveyor.

Claim located (See location notice) 1919

Survey commenced July 13th., 1918

Survey completed July 15th., 1918.

Address of claimant's Attorney:- John B. Wright, Atty.

Tucson, Ariz.
DATES OF AMENDED LOCATIONS.

U.S. MINERAL SURVEY NO. 3526.

Feet.

CUMBERLAND Lode

Beginning at Cor. No. 1.

A 1 inch iron pipe, 4 1/2 feet long with claw base, set 1 1/2 feet in the ground and surrounded by monument of stones.

Brass Cap on pipe stamped U.S. Mineral Survey No. 3526,

CUMBLND.

Whence U.S.L.M. No. 2577 bears N 83° 34' W, 7542.4 feet

to old location monument of stones marking the N.W.

Cor. of this lode bears N 33° 46' W, 1140 feet.

U.S.L.M. No. 3272 bears approx. S 8° 35' 20" W, 11539. ft.

Thence S 33° 46' E

300.00 West end center - monument of stones 3 feet high, identical with location.

592.02 Cor. No. 2.

A 1 inch iron pipe, 4 1/2 feet long with claw base, set 1 1/2 feet in the ground and surrounded by monument of stones.

Brass cap on pipe stamped U.S. Mineral Survey No. 3526.

CUMBLND. This corner is identical in position with

the S.W. Cor. of location - a monument of stones.

Thence N 56° 43' E

263.00 Crosses gulch running S. - S. E.

1448.16 Cor. No. 3.

A 1 inch iron pipe, 4 1/2 feet long with claw base, set 1 1/2 feet in the ground and surrounded by monument of stones.

Brass cap on pipe stamped U.S. Mineral Survey No. 3526.

CUMBLND.

Whence S.E. Cor. of location - an Oak post set in ground

and surrounded by monument of stones - bears S 33° 46' E,

15.93 feet.

A 9 inch Oak, marked B.T. X 3526, bears S 52° 17' W,

30.21 feet.

An 8 inch Oak, marked B.T. X 3526, bears N 78° 1' E,

128.65 feet.

Thence N 33° 46' W

300.00 East end center - monument of stones 3 feet high. East end center monument of location destroyed, being on steep slope to N.W. but reset at intersection of center line

as defined by West end center of location, and Discovery Work and Monument, and East end line of location.

338.00 Grosses gulch running S.W.

577.53 Cor.No.4.

1 1/2 inch iron pipe, 4 1/2 feet long with claw base, set 1 1/2 feet in the ground and surrounded by monument of stones.

Brass Cap on pipe stamped U.S. Mineral Survey No. 3526,

4 - Cumblnd. Position identical with N.E. Cor. of

location a monument of stones, pipe being set leaning

to the N.E., with center of cap marking true corner point.

Thence S 57° 17' 20" W

896.00 Crosses Gulch running S.E.

1448.36 Cor.No.I, the point of beginning.

Magnetic Variation at all corners 14° 15' E.

No natural bearing objects available except where noted herewith.

Brass cap on pipe stamped U.S. Mineral Survey No. 3526.

LODE LINE:- As near as can be determined from the present state of development, the vein on which this location was made extends S 56° 24' W, 806. feet, and N 56° 24' E, 642. II feet from the discovery point.

LOCATION:- This survey is located approximately in Sections 2, 18 S., 18 E, G. & S.R.B. & M. Unsvd., in the Bunker Hill Mining District, Pinal County, Arizona

AREA:- CUMBERLAND Lode 19.440 Acres.

IMPROVEMENTS:- I certify that the value of labor and improvements made upon for the benefit of this location by the claimant or its grantors is not less than \$500.00 - Five Hundred Dollars, and that such improvements consist

No. I, the Discovery Cut, the center of face being on the center, line N 56° 24' E, 806. feet from the West End Center. Cut runs N.E., 4 x 24 to 10 foot face, partly filled.

Value \$75.00

No. 2. Shaft, 4 x 6 - 6 feet deep, Filled, the center of

U.S. MINERAL SURVEY NO. 3526.

which bears S 60° 50' W, 289. feet from the East End Center.

Value \$35.00

No. 3. Cut and tunnel - the center of mouth of cut bearing N 21° 58' E, 667. feet from Cor. No. 2. Cut runs S 75° 0' E, 5 x 26 to 10 ft. face, thence tunnel S 75° 0' E, 3 1/2 x 5 - 88. feet to bend, thence S 56° 0' W, 3 1/2 x 6 - 22 feet to face, and N 56° 0' E, 3 1/2 x 6 - 117 ft. to winze. Tunnel extends approx. 50 feet further but measurement impossible.

Considerable stopping done above tunnel and at one point a raise extends to surface.

Value allowed for 26 feet of cut and 227 feet of tunnel \$2350.00

No. 4. Shaft, 4 x 6 - 50. feet deep, the center of which bears N 21° 58' E, 490. feet from Cor. No. 2.

Value \$500.00

No. 5. Open cut, extending from point on center line 114. feet from the West end center, to Shaft No. 4. Cut is partly filled, 280. feet long, average width 3 feet, average depth 20 feet.

Value \$7000.00

OTHER IMPROVEMENTS:

Tunnel 4x6 - 15 feet long, with winze at mouth 4x6 - 4 feet deep, running in N.E. from face of Discovery Cut - Improvement No. 1.

Stone House, 15.8 x 37.4 feet, the S.E. Cor. of which bears N 16° 29' E, 647. feet from Cor. No. 2.

Cut and fill, 120. feet long N. & S., 20. feet wide at center, the center of which bears N 27° 56' E, 601. feet from Cor. No. 2.

Old open cut workings, extending from point 770. feet on Center line from West end center, S 52° 20' W, 320. feet. These workings almost entirely caved and filled, hence measurement of dimensions impossible.

INSTRUMENT:- This survey was made with Buff & Buff special transit No. 7905. The courses were deflected from the true meridian as determined from direct solar observations. Distances were measured with 350 and

ADJOINING AND CONFLICTING CLAIMS:*

This claim is in conflict with the Thornwood Lode and the Red Bird No. 6 Lode, Unsurveyed, claimed by the Blue Bird Silver Mining Company. It is bordered on the North side by the Red Bird No. 3 and Red Bird No. 4 Lodes, both unsurveyed, and on the south side by the Red Bird No. 1 and Red Bird No. 2 Lodes, unsurveyed, all claimed by the Blue Bird Silver Mining Company. The Thornwood Lode, Unsurveyed, has its discovery point identical with the Discovery Point of the Cumberland Lode, this survey, and claims 250. feet North Easterly and 1250. feet South Westerly. The position of the above described unsurveyed lodes are shown as mapped by Hatcher, Carpenter & Andrus, Tucson, Arizona, as surveyed in April, 1918.

REPORT:-

U.S.L.M.No.2577 is an 8x8 post, 6½ feet above ground, surrounded by a monument of stones 5 feet high with 6 foot base. Post is scribed U.S.L.M.2577 and leans to the west.

U.S.L.M.No.3272 is a 3 inch iron pipe, 12 feet above ground, surrounded by a large monument of stones, and stamped U.S.L.M.No.3272. It is situated on top of a prominent peak and plainly visible from this survey. The tie to this monument was obtained by triangulation from a 500 foot base line, angles turned five times, with clear visibility.

The difference between this location as marked upon the ground, and as described in the notice of location, is due to error in description in said location notice.

The lines of this survey were run direct upon the ground.

These workings almost entirely saved and filled, hence measurement of dimensions impossible.

INSTRUMENT:- This survey was made with Bull & Bull special transit No. 7905. The courses were deflected from the meridian as determined from direct solar observations.

Paul E. Fernald.

FINAL OATHS FOR SURVEYS.

LIST OF NAMES.

A list of the names of the individuals employed by Paul E. Fernald
 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 _____
 _____ Copper State Mining Company _____
 known as the Cumberland Lode _____
 and showing the respective capacities in which they acted.

_____ James Gorman _____, *Chainman.*
 _____, *Chainman.*
 _____, *Aceman.*
 _____, *Flagman.*

FINAL OATHS OF ASSISTANTS.

~~XXX~~ I, _____ James Gorman _____
 and _____, do solemnly swear that we assisted Paul E.
Fernald _____, United States Mineral Surveyor, in marking the corners and surveying
 the boundaries of the mining claim of Copper State Mining Company _____

 known as the Cumberland 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 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 _____

_____ *James Gorman* _____, *Chainman.*
 _____, *Chainman.*
 _____, *Aceman.*
 _____, *Flagman*

Subscribed and sworn to by the above-named persons before me this 16th
 day of July _____, 1918.

*My commission expires
 June 6-1920.*

_____ *J. S. Dowd* _____
 _____ *Notary Public* _____
 _____ *Lima County, Ariz.* _____

FINAL OATH OF U. S. MINERAL SURVEYOR.

I, Paul E. Fernald, U. S. Mineral Surveyor, do solemnly swear that, in pursuance of instructions received from the United States Surveyor General for Arizona, dated June 24th, 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 Copper State Mining Company, known as the Cumberland, situate in Bunker Hill Mining District, Pinal County, Arizona, in Section 8 Approx. 2 & 11, Township No. 8 S., Range No. 18 E., G. & S. R. B. & M. Unsvd. and designated as Survey No. 3526, 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.

Paul E. Fernald
U. S. Mineral Surveyor.

Subscribed and sworn to by the said Paul E. Fernald
U. S. Mineral Surveyor, before me J. J. O'Sewd, a Notary Public, Pima County, Arizona this 16th day of July, 1918.

J. J. O'Sewd
Notary Public
Pima County, Ariz.

My commission expires June 6-1920.

Notice of Mining Location

LODE CLAIM

Co All Whom it May Concern:

This Mining Claim, the name of which is the **CUMBERLAND** 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

William J. Dunn, Patrick J. Doyle, Samuel T. McClintock, who are citizens of the United States.
the undersigned, on the **14th day of October, 1906.**

The length of this claim is **1500** feet,
and **we** claim **812** feet,
in a **westerly** direction and **688** feet in a **n 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

East to the West

The claim is situated and located in the **Bunker Hill** Mining District, in Pinal County, in the State of Arizona, about **two miles** in a **Northerly** direction from **Sombrero Butte**

The surface boundaries of the claim are marked upon the ground as follows: Beginning at **East center end Monument**

at a point in a **Easterly** direction **688** feet from the discovery shaft (at which this notice is poseted), being in the center of the **East** end line of said claim; thence **Northerly 300** feet to a **Monument**, being the **North East** corner of said claim; thence **Westerly 1500** feet to a **Monument**, being at the **North West** corner of said claim; thence **Southerly 300** feet to a **Monument** at the center of the **West** end of said claim; thence **Southerly 300** feet to a **Monument**, being at the **South West** corner of said claim; thence **Easterly 1500** feet to a **Monument** at the **South East** corner of said claim; thence **Northerly 300** feet to the place of beginning.

All done under the the provisions of Chapter Six, of Title XXXII, of the Revised Statutes of the United States, and, of 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~~ **"An Act Concerning Mines"**, approved ~~March 20th, 1895,~~ and amended ~~March 2d, 1899.~~

Dated and posted on the grounds this **14th day of October, 1906.**

Witness, Jacob E. Matthews.
William J. Dunn
Patrick J. Boyle
Samuel T. McClintock } Locators

Filed and Recorded at the request of **Samuel T. McClintock** on Dec. 24th, 1906 at **1 o'clock P. M.**
Recorded in Book **in Book A of Mines** }
page 129 } **E. B. Devine, Recorder**
By G. F. Watson, Deputy.

JUN 22 1918

RECORDER'S CERTIFICATE.

STATE OF ARIZONA,)
 County of Pinal.) ss.

I, **W. L. Brown** County Recorder,
 in and for the County of PINAL, State of Arizona,
 do hereby certify that the within and following is
 a full, true and correct copy of **Mining Location**
 by **William J. Dunn, Patrick F. Boyle, and Samuel P. McClintock**
 as the same appears of record in my office in
 Book No. **A** of **Mines**
 at page **129** thereof, or under file No.

File of ;

that I have compared the same with the original
 record and that the same is a true transcript and
 of the whole thereof.

IN WITNESS WHEREOF, I have hereunto
 set my hand and affixed the seal of my office,
 this **19th day of June, 1918** at
 Florence, the County Seat.

W. L. Brown,

County Recorder,

By

M. O. Benisco

Deputy Recorder.

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

Department of the Interior,

OFFICE OF U. S. SURVEYOR-GENERAL,

Phoenix, Arizona,

January 31, 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

COPPER STATE MINING COMPANY

known as the CUMBERLAND LODE.

situate in BUNKER HILL

Mining District, PINAL County, ARIZONA.

in Section 8 approx. 2 & 11 Township No. 8 S., Range No. 18 E., unsur., and

designated as Survey No. 3526, 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 3 cuts, 2 shafts and 1 tunnel. total value \$9960.

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,

January 31, 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 _____

COPPER STATE MINING COMPANY

_____, known as the

CUMBERLAND LODE.

situate in BUNKER HILL mining district,

PINAL County, ARIZONA

in Section s approx 2 & 11., Township No. 8 S., Range No. 18 E., uns.

_____, designated as Survey No. 3526

executed by Paul E. Fernald, U. S. Mineral

Surveyor, July 13-15., 1918, under my instructions dated

June 24., 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. 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.