

JUN 13 1909
JUL 6-1909

4-683.

MINERAL SURVEY No. 2670

LOT No.

Arizona Land District.

FIELD NOTES

OF THE SURVEY OF THE MINING CLAIM OF

R. J. Holmes,

KNOWN AS THE

Jack Pot and Homestake

In San Francisco Mining District,

Mohave County, Arizona.

Section *Approx.*, Township 20 N., Range 20 W. Unsurveyed.

Surveyed under instructions dated May 29 th., 19 09

by Peter Mc Cardell
U. S. Mineral Surveyor.

Claim located *See location notices*, 19

Survey commenced June 5th., 19 09

Survey completed June 7 th., 19 09

8-822

Address, Chas. W. Miller, Jr., Attorney-in-fact.
Needles, California.

*See report of Mc Cardell re error tie line & line 1-2 Jack Pot.
attached*

Ft.

SURVEY No.2670.

JACK POT LODE.

Beginning at Cor. No.1.

A quartz stone, 8 X 12 X 30 ins., set 12 ins. in the ground, mound of stone, chiseled 1-2670 J. P., cross (X) at corner point, whence

A cross (X) and B. R. 1-2670 chiseled on porphyry rock 4 ft. above the ground, bears S. 60° 03' E. 77.6 ft., U. S. M. M. No.2670, San Francisco Mining District, bears S. 49° 01' W. 425.45 ft. No other bearing objects available.

 Thence S. 00° 48' W.

Va. 14° 40' E.

300 To east end center.

A porphyry stone, 7 X 16 X 36 ins., mound of stone, chiseled E. E. C. J. P. 2670, cross for line point.

600 To Cor. No.2:

A granite stone, 6 X 12 X 24 ins., set 12 ins. in the ground, mound of stone, chiseled 2-2670 J. P., cross at corner point, whence

A cross and B. R. 2-2670 chiseled on a granite cliff 4 ft. above the ground, bears S. 84° 46' E. 139.2 ft.

No other bearing objects available.

 Thence N. 89° 12' W.

Va. 15° 18' E.

1500 To Cor. No.3.

Identical with Cor. No.2 Homestake lode of this survey.

A porphyry stone, 4 X 8 X 28 ins., set 12 ins. in the ground, mound of stone, chiseled 3-2670 J. P. and 2-2670 H. on N. E. and N. W. faces respectively, cross (X) at corner point, whence

SURVEY No. 2670 - continued.

JACK POT LODE - continued.

A cross (X) and B. R. 2-3-2670 chiseled on a porphyry-rock 7 ft. above the ground, bears N. $3^{\circ} 17'$ W. 21.9 ft., and a cross (X) and B. R. 2-3-2670 chiseled on a porphyry cliff 4 ft. above the general surface, bears S. $88^{\circ} 26'$ E. 24.5 ft., Thumb Butte bears N. $00^{\circ} 12'$ W.

Thence N. $00^{\circ} 48'$ E.

Va. $14^{\circ} 53'$ E.

Along line 2-1 Homestake lode of this survey.

300 To west end center.-

A cross (X) for line point, and W. E. C. J. P., and E. E. C. H. 2670 chiseled on the east face of a porphyry cliff.

600 To Cor. No. 4.

Identical with Cor. No. 1 Homestake lode of this survey. A porphyry stone, 4 X 10 X 28 ins., set 6 ins. to bed-rock, mound of stone, chiseled 4-2670 J. P., and 1-2670 H. on S. E. and S. W. faces respectively, cross (X) at corner point, whence

A cross (X) and B. R. 1-4-2670 chiseled on a granite rock 2 ft. above the ground, bears N. $6^{\circ} 53'$ E. 36.55 ft. and a cross (X) and B. R. 1-4-2670 chiseled on a granite rock, 2 ft. above the general surface, bears S. $34^{\circ} 23'$ E. 10.8 ft.

Thence S. $89^{\circ} 12'$ E.

Va. $14^{\circ} 48'$ E.

1500 To Cor. No. 1 the place of beginning.

SURVEY No.2670 - continued.

HOMESTAKE LODE.

Beginning at Cor. No.1.

Identical with Cor. No.4 Jack Pot lode of this survey, and heretofore described, whence

U. S. M. M. No.2670, San Francisco Mining District, bears S. 75° 43' 17" E. 1216.2 ft.

Thence S. 00° 48' E.

Va. 14° 48' E.

Along line 4-3 Jack Pot lode of this survey.

300 To east end center and heretofore described.

600 To Cor. No.2.

Identical with Cor. No.3 Jack Pot lode of this survey and heretofore described.

Thence N. 72° 24' W.

Va. 14° 53' E.

1478.9 To Cor. No.3.

A cross (X) for corner point on top and 3-2670 H. chiseled on west face of a granite rock in place, showing 1 1/2 X 6 X 2 ft. above the ground, whence

A cross (X) and B. R. 3-2670 chiseled on a granite rock 3 ft. above the ground, bears N. 72° 03' W. 23.52 ft.,

and a cross (X) and B. R. 3-2670 chiseled on a granite 3 ft. above the general surface, bears S. 70° 34' E.

29.27 ft., Thumb Butte bears N. 1° 51' E., Cor No.1 Oregon lode, Survey No.2669, bears N. 77° 48' 50" W. 1144.1 ft.

Thence N. 00° 48' E.

Va. 14° 34' E.

300 To west end center.

A granite stone, 3 X 12 X 30 ins., set 4 ins. to bedrock, mound of stone, chiseled W. E. C. H. 2670, cross (X) for line point.

SURVEY No.2670 - continued.
HOMESTAKE LODE - continued.

586.61 Witness Cor. to Cor. No.4.

A cross (X) for line point on top and W. C. 4-2670 H. chiseled on the east face of a granite cliff. No bearings objects available.

600 To Cor. No.4.

On face of inaccessible granite cliff.

Thence from witness corner run S. 89° 12' E., Va. 14° 42' E. 44.35 ft. to a point on line 4-1, at S. 72° 24' E. 46.32 ft. from Cor. No.4: Thence S. 72° 24' E.

1432.58 To Cor. No.1 the place of beginning, making total length of line 4-1, 1478.9ft.

This survey is identical with the respective locations.

LODE LINES.

As near as can be determined from present developments the veins of these locations embraced in this claim extend as follows from their respective discovery points

Jack Pot Lode, 1301 ft. S. 89° 12' E. and 199 ft. N. 89° 12' W.

Homestake lode, 443 ft. S. 72° 24' E. and 1035.9 ft. N. 72° 24' W.

AREA.

Total and net area Jack Pot lode..... 26.661 Acres
Total and net area Homestake lode..... 19.501 " "

LOCATION.

This survey is located approximately in T. 20 N. R. 20 W., G. & S. R. B. & M., Unsurveyed, in San Francisco Mining District, Mohave County.

EXPENDITURE OF FIVE HUNDRED DOLLARS.

I certify that the value of the labor and improve-

SURVEY NO.2670 - continued.

ments made upon, or for the benefit of, each of the loc-
embraced in said mining claim by the claimant or his
grantors is not less than five hundred dollars, and that
said improvements consist of:

Jack Pot lode.

No.1. The discovery shaft of the Jack Pot lode, on the
center line 199 ft. from the west end center, 4 X 6
ft., 50 ft. deep, at the bottom of this shaft is a drift
running N. 89° W. 70 ft., all in rock.

Value of shaft and drift \$1,200

No.2. A shaft on the lode line of the Jack Pot lode,
329 ft. from the east end center, 4 X 6 ft., 10 ft. deep,
deep, in rock.

Value \$100

No.3. A shaft which bears from Cor. No.2, N. 59° 04' W.
570.2 ft., 4 X 6 ft., 50 ft. deep, at the bottom of this
shaft is a drift running east 18 ft., all in rock.

Value of shaft and drift, \$680

No.4. A two compartment shaft, which bears from Cor. No.
4 S. 59° 26' E. 525.4 ft., 4 X 9 ft., 160 ft. deep,
timbered, in rock.

Value, \$3,000

No.5. A tunnel, the mouth of which bears from Cor.
No.4, S. 66° 32' E. 497.6 ft., 4 X 6 ft., running S. 29°
24' W. 93 ft., thence S. 59° 10' W. 18 ft., thence S.
5° W. 27 ft., all in rock.

Value, \$1,380

No.6. A tunnel, the mouth of which bears from Cor.
No.4, S. 55° 28' E. 481.9 ft., 4 X 6 ft., running S.
45° W. 29 ft., in rock.

Value, \$250

Homestake lode.

No.1. The discovery shaft of the Homestake lode,
on the center line 443 ft. from the east end center
4 X 6 ft., 25 ft. deep, in rock.

Value, \$250

No.2. A tunnel, the mouth of which bears from Cor. No.

SURVEY No.2670 - continued.

1, S. 69° 50' W. 465.8 ft., 4 X 6 ft., running S. 75° E. 34 ft., thence S. 47° E. 229 ft., in rock.

Value, \$2,400

INSTRUMENT.

This survey was made with a Buff and Berger Transit. The courses were deflected from the true meridian as determined by direct solar observations. The distances were measured with a 100 ft. 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 offsets from the lode line. All the tie lines were run directly upon the ground or by traverses, run upon the ground and submitted in a separate report herewith.

ADJOINING CLAIMS.

The adjoining claims are the Mascot lode, unsurveyed, on the east end of the Jack Pot lode and the Midnight lode, unsurveyed, on the west end of the Homestake lode. The corners to both of these claims could not be found, but they are supposed to be near the corners of the Jack Pot and Homestake lodes. The names of the claimants to these lodes are Geo. Miller of the former and R. J. Holmes of the latter.

DESCRIPTION OF U. S. M. M. No.2670.

San Francisco Mining District,
Mohave County, Arizona.

This monument is a quartz stone, 8 X 20 X 36 ins., set 14 ins. to bedrock, surrounded with a mound of stone, chiseled on the south face U. S. M. M. No.2670, cross (X) on the top for transit point, whence A cross (X) and B. R. U. S. M. M. No.2670 chiseled on a quartz rock 4 ft. above the ground, bears S. 40° 57' W. 143.3 ft. and a cross (X) and B. R. U. S. M. M. No.2670, chiseled on a porphyry rock 1 ft. above the ground, bears N. 33° 59' W. 42.75 ft., Thumb Butte bears N. 36° 03' W. U. S. L. M. No.1699 A., San Francisco Mining District, bears S. 65° 29' E. 15093.04 ft. A stone monument, 6ft. base, 5 1/2 ft. high, bears N. 30° W. 4 ft.

This monument is established in a conspicuous place on the top of a mountain overlooking the surrounding country, about 3/4 of a mile so south of Silver creek, approximately in section 32 T. 20 N. R. 20 W., G. & S. R. B. & M.

Peter McCardell

U. S. Mineral Surveyor.

I hereby certify that the courses S. 40° 57' W. and N. 33° 59' W. from U.S.M.M. No. 2670 to certain bearing rocks, above reported, are incorrect, and that the correct courses therefor are S. 75° 11' W. and N. 0° 5' W., respectively, as reported by Peter McCardell, U. S. Mineral Surveyor, under date of July 8, 1911.

Thomas S. Lyzard
U. S. Surveyor General.

Phoenix, Arizona,
August 14, 1911.

FINAL OATHS FOR SURVEYS.

LIST OF NAMES.

A list of the names of the individuals employed by Peter McCardell

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 _____

R. J. Holmes, by Chas. W. Miller Jr. Attorney in fact
known as the Jack Pot and Homestake
and showing the respective capacities in which they acted.

J. W. Cornelius, Chairman.
_____, Chairman.

H. B. Morse, Axman.

_____, Flagman.

FINAL OATHS OF ASSISTANTS.

We, J. W. Cornelius

and H. B. Morse, do solemnly swear that we assisted _____

Peter McCardell, United States Mineral Surveyor, in marking the corners and surveying

the boundaries of the mining claim of R. J. Holmes, by Chas. W. Miller
Attorney in fact

known as the Jack Pot and Homestake

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 instructions furnished by the United States Surveyor-General for Arizona

J. W. Cornelius, Chairman.
_____, Chairman.

H. B. Morse, Axman.

_____, Flagman

Subscribed and sworn to by the above-named persons before me this 8th

day of June, 19 09

Wm. A. Weesh

Notary Public

My Commission Expires Apr 15 1912

4-686.

FINAL OATH OF U. S. MINERAL SURVEYOR.

I, Peter Mc Cardell, U. S. Mineral Surveyor, do solemnly swear that, in pursuance of instructions received from the United States Surveyor General for Arizona, dated May 29 th. 1909, 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 R. J. Holmes, by Chas. W. Miller, Jr., Attorney-in-fact, known as the Jack Pot and Homestake, situate in San Francisco Mining District, Mohave County, Arizona, in Section approximately in Township No. 20 N., Range No. 20 W. Unsur, and designated as Survey No. 2670, 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.

Peter Mc Cardell

U. S. Mineral Surveyor.

Subscribed and sworn to by the said Peter Mc Cardell
U. S. Mineral Surveyor, before me a notary public
this 16th
day of June, 1909

Charles Metcalf

Notary Public.

6-1044

My commission expires

Aug 5, 1909.

Affidavit of Five Hundred Dollars Improvements.

We, J. W. Cornelius and H. B. Morse

of lawful age, being first duly sworn according to law, depose and say: That we are

acquainted with the Jack Pot and Homestake mining claim,

situate in San Francisco Mining district, Mohave County,

Arizona Territory, for which R. J. Holmes, by Chas. W. Miller, Jr.,

Attorney in fact.

has made application for survey prior to application for patent under the provisions

of the act of Congress, approved May 10, 1872; and that the labor done and improve-

ments made thereon by the applicant and his grantors exceed Five Hundred

Dollars in value, ^{for each claim} and further that we are not personally interested in said mine.

J. W. Cornelius
H. B. Morse

TERRITORY OF ARIZONA,

County of Mohave } ss:

Sworn to and subscribed before me, this 8th

day of June, 1909



Tom H. Wess
Notary Public

27669b1m2-07

My Commission Expires Apr. 15th 1912

Some of the Lode Running East and West
NOTICE OF MINING LOCATION

MINERAL CLAIM

To All Whom It May Concern:

"Jack Bell"

This mining claim, the name of which is the Mining Claim, situate on the lands belonging to the United States of America, and in which there are valuable mining deposits, was entered upon and located for the purpose of exploration and purchase by

L. E. Heala

of the United States of America the undersigned citizen, on the 4th day of February 1901

The length of this claim is Fifteen Hundred (1500) feet and claim 1200 feet in a E. S. W. direction and 300 feet in a West direction from the center of the discovery shaft, at which this notice is posted, lengthwise of the claim, together with Three Hundred (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 San Francisco Mining District, in Mohave County, in the Territory of Arizona, about 2 1/2 miles in a West direction from

the Jack Bell Road Mine 5 1/2 miles in a West direction from the Standard Ore and adjoins the Jack Mine on the West side and it is a relocation of the running claim.

The surface boundaries of the claim are marked upon the ground as follows: Beginning at a monument of stone at a point in a East direction 200 feet from the discovery shaft (at which this notice is posted), being in the center of the East end line of said claim; thence South Three Hundred (300) feet to a monument of stone, being the South East corner of said claim; thence West South Seven Hundred and Fifty (750) feet to a monument of stone, at the center of the West side line of said claim; thence West South Seven Hundred and Fifty (750) feet to a monument of stone, being at the South West corner of said claim; thence West Three Hundred (300) feet to a monument of stone at the center of the West end of said claim; thence West Three Hundred (300) feet to a monument of stone, being at the West North corner of said claim; thence East Seven Hundred and Fifty (750) feet to a monument of stone, being at the center of the West side line of said claim; thence East Seven Hundred and Fifty (750) feet to a monument of stone at the East North corner of said claim; thence South Three Hundred (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 of an Act of the General Assembly of Arizona, entitled, "An Act Concerning Mines," approved March 2, 1899, and March 16, 1901, and all acts and parts of acts enacted up to and including the date of this location.

Dated and posted on the ground, this 4th day of February 1901 at about 30 min past 10 o'clock A.M.

L. E. Heala
Locater

Filed and Recorded at request of L. E. Heala this 26 day

April A. D. 1901, at 2 o'clock 15 minutes P. M.
Book "S" page 8-2
J. S. Ferry
County Recorder.

From the Lode Running North and South.
NOTICE OF MINING LOCATION

MINERAL CLAIM

13

MAY 23 1909

To All Whom It May Concern:

"Homestake"

This mining claim, the name of which is the Mining Claim, situate on the lands belonging to the United States of America, and in which there are valuable mining deposits, was entered upon and located for the purpose of exploration and purchase by

L. E. Tesla

of the United States of America the undersigned citizen, on the 4th day of January 1909

The length of this claim is Fifteen Hundred (1500) feet and claim 1200 feet in a West direction and 300 cross cut feet in a North direction from the center of the discovery shaft, at which this notice is posted, lengthwise of the claim, together with Three Hundred (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 San Francisco Mining District, in Mohave County, in the Territory of Arizona, about 5 1/2 miles

in a North direction from Boundary line of road 1/2 mile West of the old Andy Mine, and parallel 1/2 mile North of the old Andy Mine.

The surface boundaries of the claim are marked upon the ground as follows: Beginning at a monument of stone at a point in a East direction 300 feet from the discovery shaft (at which this notice is posted), being in the center of the East end line of said claim; thence North Three Hundred (300) feet to a monument of stone, being the North West corner of said claim; thence West Seven Hundred and Fifty (750) feet to a monument of stone, at the center of the West side line of said claim; thence West of three Seven Hundred and Fifty (750) feet to a monument of stone, being at the West corner of said claim; thence West Three Hundred (300) feet to a monument of stone at the center of the West end of said claim; thence South Three Hundred (300) feet to a monument of stone, being at the South West corner of said claim; thence East Seven Hundred and Fifty (750) feet to a monument of stone, being at the center of the South side line of said claim; thence East Seven Hundred and Fifty (750) feet to a monument of stone at the East corner of said claim; thence North Three Hundred (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 of an Act of the General Assembly of Arizona, entitled, "An Act Concerning Mines," approved March 2, 1899, and March 16, 1901, and all acts and parts of acts enacted up to and including the date of this location.

Dated and posted on the ground, this 4th day of January 1909 at 10 o'clock a.m.

L. E. Tesla

Filed and Recorded at request of Eugene Schmidt this 2 day

Book 5 Page 41.

A. D. 1909, at 2 o'clock 20 minutes P. M.

John J. Henry

County Recorder.

Territory of Arizona, ÷
÷ S S .
County of Mohave. ÷
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I, R. A. Robertson, Recorder of the County of Mohave, Territory of Arizona, do hereby certify that I have compared the foregoing copy of Locations Notices, of the " HOMESTAKE " and "JACK POT " Mining Claims, and of the endorsements thereupon with the original records of the same on file in this office, and that the same are correct transcripts therefrom and of the whole of said original records.

WITNESS, my hand and seal of said office, this
26th day of May A. D. 1909.

R. A. Robertson

C O U N T Y R E C O R D E R .

By *Marie Carrow*

D E P U T Y .



4-688.

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

Department of the Interior,

OFFICE OF U. S. SURVEYOR-GENERAL,

Phoenix, Arizona,

August 17, 1909.

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

R. J. Holmes

known as the Jack Pot and Homestake

situate in San Francisco

Mining District, Mohave County, Arizona

in Section Approx., Township No. 20 N., Range No. 20 W., Unsur., and

designated as Survey No. 2670, 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 claim^s by claimant or his grantors, and that said improvements consist of 5 shafts, 3 tunnels and 2 drifts, total value \$9260.00

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,

August 17, 1909.

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

R. J. Holmes

, known as the

Jack Pot and Homestake

situate in San Francisco mining district,

Mohave

County,

Arizona

in Section Approx., Township No. 20 N., Range No. 20 W., Unsur.

, designated as Survey No. 2670

executed by Peter Mc Cardell, U. S. Deputy Mineral

Surveyor, June 5-7, 1909, under my instructions dated

May 29th, 1909, 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.

Frank S. Liza

U. S. Surveyor-General for Arizona.

P. MCCARDELL, C. E.
U. S. MINERAL SURVEYOR

MAY 21 1917

KINGMAN, ARIZONA, May 19 1917.
BOX 514

Mr. Frank P. Trott,
U. S. Surveyor General,
Phoenix, Arizona.

Sir:-

I find that line 1-2 Jack Pot lode to be S. 0° 45' W. and the tie line from Cor. No.1 of said Jack Pot lode to U. S. M. M. No.2670 to be S. 48° 59' W. instead of S. 0° 48' W. and S. 49° 01' W. respectively. I believe this error to be due in taking deflecting angles.

Peter McCardell

Subscribed and sworn to before me this 19 th. day of May, A. D.
1917.

Auston Smith
U. S. Commissioner

