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H. S. I.

OCT 29 1907
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(4-683.)

Mineral Survey No. 2460

Lot No.

Arizona

Land District.

FIELD NOTES

OF THE SURVEY OF THE MINING CLAIM OF

Edward F. Thompson

KNOWN AS THE

Idaho and Broken Hills

Wallapai

Mining District.

Mohave

County, Arizona.

Section 7, Township 22 N., Range 17 W.

Surveyed under instructions dated September 5th., 1907.

by Peter Mc Gardell,
U. S. Deputy Mineral Surveyor

Claim located Idaho lode January 2nd. 1871
~~Broken Hills lode Jan. 1st 1903.~~

Survey commenced September 19th. 1907. 1

Survey completed September 21st. 1907. 1

6-123

Address of claimant:

Kingman, Arizona.

*See report
Help asked for correction*

Ft.

SURVEY No. 2460.

IDAHO LODE.

Beginning at Cor. No. 1.

A granite stone, 8 X 12 X 26 ins., set 12 ins. in the ground, with mound of stone, scribed 1-2460 cross (X) for corner point, whence

A cross (X) and B. R. 1-2460 chiseled on a granite rock 2 ft. above the ground, bears N. 19° 34' W. 26.1 ft., and a cross (X) and B. R. 1-2460 chiseled on a granite rock 3 ft. above the ground, bears S. 13° 23' W, 31 ft., Cor. 1 Survey No. 1287 bears N. 13° 45' E. 110.45 ft., Cor. of sections 5.6.7 and 8, T. 22 N, R. 17 W. bears N. 46° 21' E. 4404.3 ft.

Thence S. 17° 59' E.

Va. 16° 07' E.

676.06 Intersect line 5-6 Survey No. 1287 Golden Gem lode, at N. 38° 50' W. 194.24 ft. from Cor. No. 5 and S. 38° 50' E. 605.36 ft. from Cor. No. 6.

827.00 Road, course east and west.

886.5 Road, course S. 70° W.

1000. To Cor. No. 2.

A granite stone, 8 X 12 X 24 ins., set 12 ins. in the ground, with mound of stone, chiseled 2-2460 cross (X) for corner point, whence

A cross (X) and B. R. 2-2460 chiseled on a granite rock 2 ft. above the ground, bears N. 63° 38' W. 67.5 ft., no other bearing objects available.

Thence S. 72° 01' W.

Va. 15° 46' E.

32.5 Road, course south.

150.00 Intersect lode line whence discovery bears N. 17° 59' W. 395 ft.

172. Gulch, drains S. 12° E.

192. Road, course south.

- Ft.
274. Road, course S. 10° W.
300. To Cor. No.3.
- A granite stone, 6 X 12 X 24 ins., set 12 ins. in the ground, with mound of stone, chiseled 3-2460 cross (X) for corner point, whence
- A cross (X) and B. R. 3-2460 chiseled on a granite rock 4.5 ft above the ground, bears S.31° 49' W.35.2 ft. no other bearing objects available.
-
- Thence N. 17° 59' W.
- Va. 15° 45' E.
- 947.47 Intersect line 5-6 Survey No.630 Flores lode, at N.65°27'E. 501.12 ft. from Cor. No.5 and S.65° 27' W. 76.31 ft. from Cor. No.6.
1000. To Cor. No.4.
- A granite stone, 4 X 12 X 28 ins., set 12 ins. in the ground, with mound of stone, chiseled 4-2460 cross (X) for corner point, whence
- A cross (X) and B.R. 4-2460 chiseled on a granite rock 3 ft. above the ground, bears N. 12° 01' E. 29.3 ft. no other bearing objects available.
-
- Thence N. 72° 01' E.
- Va. 16° 10' E.
- 69.9 Intersect line 2-6 Survey No.630 Flores lode, at S. 25° 40' E. 705.81 ft. from Cor. No.2, and N. 25° 40' W. 44.19 ft. from Cor. No.6.
114. Intersect line 1-6 Survey No.1287 Golden Gem lode, at S.52° 39' 20" W. 266.93 ft. from Cor.No.1 and N.52° 39' 20" E. 31.23 ft. from Cor. No.6.
150. Intersect lode line whence discovery bears S.17° 59' E. 605 ft.
300. To Cor. No.1 the place of beginning.
-

BROKEN HILLS LODE.

Beginning at Cor. No.1.

A granite stone, 6 X 10 X 24 ins., set 12 ins in the ground, with mound of stone, chiseled 1-2460 cross (X) for corner point, whence

A cross (X) and B. R. 1-2460 chiseled on a granite rock, 1.5 ft. above the ground, bears N. 20° 37' E. 23.8 ft., and a cross (X) and B. R. 1-2460 chiseled on a granite rock, 3 ft. above the ground, bears S. 36° 35' E. 45.5 ft. Cor. to Sections 5.6.7 and 8 T. 22 N.R. 17 W. bears N. 48° 54' 40" E. 4642.1 ft.

Thence S. 17° 59' E.

Va. 16° 20' E.

Cor. No.4 Idaho lode of this survey, thence along line 4-3 Idaho lode of this survey.

Intersect line 5-6 Survey No. 630 Flores lode, at N. 65° 27' E. 501.12 ft. from Cor. No.5 and S. 65° 27' W. 76.31 ft. from Cor. No.6

Cor. No.3 Idaho lode of this survey.

Road, course N. E.

Road, course E. & W.

Gulch, drains south.

To cor. No.2, comes on the north bank of Cerbat wash,

A granite stone, 8 X 10 X 26 ins., set 12 ins. in the ground, with mound of stone, chiseled 2-2460 cross (X) for corner point, whence

A cross (X) and B. R. 2-2460 chiseled on a granite rock 5 ft. above the general surface, bears N. 54° 04' W. 82.5 ft., and a cross (X) and B. R. 2-2460, chiseled on a granite rock, 1.5 ft. above the ground, bears N. 86° 25' E. 29.2 ft.

Ft.

255.9
1738.43
185.9
127.9
116.
172.
154.5

125

	<p>Thence S. 72° 01' W. Va. 16° E.</p> <p>Along Cerbat Wash.</p>
300	Intersect lode line whence discovery bears N. 17° 59' W. 820 ft.
462.5	<p>To Cor. No.3, on the south edge of Cerbat Wash.</p> <p>A granite stone, 8 X 12 X 24 ins., set 12 ins. in the ground, with mound of stone, chiseled 3-2460 cross (X) for corner point, whence</p> <p>A cross (X) and B. R. 3-2460 chiseled on a granite rock 5 ft. above the general surface, bears N. 6° 01' W. 70.2 ft., and a cross (X) and B. R. 3-2460 chiseled on a granite rock 3 ft. above the ground, bears S. 45° 59' E. 52.8 ft.</p> <hr/> <p>Thence N. 17° 59' W. Va. 16° 07' E.</p>
65.	North bank of Cerbat Wash.
110.	Road, course E. & W.
448.	Intersection of two roads, courses S. 70° E. and N. 20° E.
510.	Road, course north.
735	Road, N. 70° W.
787.	<p>To Cor. No.4.</p> <p>A granite stone, 10 X 20 X 28 ins., set 16 ins. in the ground, with mound of stone, chiseled 4-2460 cross (X) for corner point, whence</p> <p>A cross (X) and B. R. 4-2460 chiseled on a granite rock 2 ft. above the general surface, bears S. 15° 33' E. 40.3 ft., no other bearing objects available.</p> <hr/> <p>Thence S. 72° 01' W. Va. 16° 01' E.</p>
137.5	<p>To Cor. No.5.</p> <p>A granite stone, 4 X 10 X 26 ins., set 12 ins in</p>

Ft. the ground, with mound of stone alongside, chiseled
 5-2460, cross (X) at corner point, whence
 " " A cross (X) and B. R. 5-2460 chiseled on a granite rock
 " " 1 ft. above the ground, bears N.67° 59' W. 52.6 ft., no
 " " other bearing objects available.

Thence N. 17° 59' W.

Va. 16° 00' E.

667.5 To Cor. No.6.

A granite stone, 4 X 12 X 25 ins., set 12 ins. in the
 ground, with mound of stone alongside, chiseled 6-2460
 cross (X) at corner point, whence

A cross (X) and B. R. 6-2460 chiseled on a granite rock
 3 ft. above the ground, bears N.12° 01' E. 29.3 ft., and
 a cross (X) and B. R. 6-2460 chiseled on a granite rock
 3 ft. above the ground, bears S.36° 35' E. 45.5 ft.

Thence N. 72° 01' E.

Va. 16° 20' E.

72 Intersect line 4-5 Survey No. 630, Flores lode, at S. 26°
 45' E. 1301.95 ft. from Cor. No.4, and N. 26° 45' W.
 198.05 ft. from Cor. No.5.

120 Road, course N. 80° W.

300 Intersect lode line, whence discovery bears S. 17° 59' E.
 634.5 ft.

600 to Cor. No.1 the place of beginning.

This survey is identical with the respective locations.

AREA:

Total area Idaho lode...6.886 Acres

Less area in conflict with

Survey No.1287, Golden Gem lode 1.446 acres

Survey No.630, Flores lode080 " "= 1.526 " "

Net area Idaho lode 5.360 " "

Total area Broken Hills lode 17.550 Acres
 Less area in conflict with
 Survey No.630, Flores lode. 1.977 " "
 Net area Broken Hills lode 15.573 " "
 Net area Idaho lode 5.360 " "
 Net area lode claim 20.933 " "

LOCATION.

This claim is located in the Wallapai Mining District,
 Mohave County, Arizona, in section 7 T. 22 N. R. 17 W.
 G. & S. R. B. & M.

LEDGES.

The course of the Idaho ledge from the south east
 end of the claim at S. 72° 01' W. 150 ft. from Cor. No.
 2 is N. 17° 59' W. 1000 ft. to the north west end of
 the claim.

The course of the Broken Hills ledge from the south
 east end of the claim at S. 72° 01' W. 300 ft. from
 Cor. No.2, is N. 17° 59' W. 1454.5 ft. to the north
 west end of the claim.

EXPENDITURE OF FIVE HUNDRED DOLLARS.

I certify that the value of the labor and improvements
 upon this claim, placed thereon by the claimant and his
 grantors, is not less than five hundred dollars for
 each claim, and that said improvements consist of :

The discovery shaft of the Idaho lode, the center of
 which bears from Cor. No.2 N. 38° 47' W. 422.5 ft.,
 4 X 9 X 130 ft. deep, in rock, timbered.

Value \$ 1,300

Shaft No.1, the discovery of the Broken Hills lode,

the center of which bears from Cor. No.4 N.60° 33' E. 165.8 ft., 4 X 6 X 12 ft. deep, in rock.

Value \$ 35

Shaft No.2, the center of which bears from Cor. No. 4 S. 42° 28' E. 123 ft., 4 X 6 X 60 ft. deep, in rock,

Value \$540

Shaft No.3 the center of which bears from Cor. No.3 N. 13° 12' W. 376 ft., 4 X 6 X 50 deep, in rock,

Value \$ 400

I find the following errors in lines of former approved surveys :

Survey No.1287, Golden Gem lode, line 1-6 N.52° 39' 20" E. 298.16 ft., instead of N. 51° 10' E. 300 ft..

Survey No.630, Flores lode, line 5-6 N. 65° 27' E. 577.43 ft., instead of N.64° 20' E. 595.5 ft.

Line 4-5 Survey No.630, Flores lode, S. 26° 45' E. instead of S. 25° 40' E. Tie line from Cor. No.1

Survey No.1287, Golden Gem Lode, is N.47° 02' E. 4306.6 ft. instead of N. 21° 13' E. 2559 ft., and tie line from Cor.No. 6 Survey No.630, Flores lode, is N. 47° 04' E. 4625.5 ft..instead of N. 23° 55' E. 2876 ft.

This survey was made with a Buff and Berger No.2 Transit. The courses were deflected from the true meridian as determined by direct solar observation. The distances were measured with a 100 ft. and 500 ft. steel tapes.

(7)

Adjoining claims.

On the North: Flores lode, Sur. No. 630, claimant, W. N. Gourlay ; Monroe lode, unsurveyed, James Uncapher, claimant.

On the East: Golden Gem lode, Sur. No. 1287, claimant, Golden Star Mining Co.

On the South: Quaker lode, unsurveyed; claimant, Golden Star Min. Co; Exchequer, unsurveyed, claimant, Golden Star Mining Co.

On the West: Water Wagon, unsurveyed, claimant Cerbat Mountain Mining Co.

FINAL OATHS FOR SURVEYS.

LIST OF NAMES.

A list of the names of the individuals employed by Peter Mc Cardell

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

Edward F. Thompson

known as the Idaho and Broken Hills

and showing the respective capacities in which they acted.

J. P. Ryan, *Chairman.*

Chairman.

Chas. E. Patterson, *Arman.*

Flagman.

FINAL OATHS OF ASSISTANTS.

We, J. P. Ryan

and Chas. E. Patterson, do solemnly swear that we assisted Peter McCardell

, United States Deputy Mineral Surveyor, in marking the corners and surveying

the boundaries of the mining claim of Edward F. Thompson

known as the Idaho and Broken Hills

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

J. P. Ryan, *Chairman.*

Chairman.

Chas. E. Patterson, *Arman.*

Flagman.

Subscribed and sworn to by the above-named persons before me this 23rd.

day of September, 1907.

P Mc Cardell

Notary Public.

My Commission Expires 19th. August 1911.

FINAL OATH OF U. S. DEPUTY MINERAL SURVEYOR

I, Peter Mc Cardell, U. S. Deputy Mineral Surveyor, do solemnly swear that, in pursuance of instructions received from the United States Surveyor General for Arizona, dated September 5th. 1907, 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 Edward F. Thompson, known as the Idaho and Broken Hills Consolidated Lodes, situate in Wallapai Mining District, Mohave County, Arizona, in Section 7, Township No. 22 N., Range No. 17 W., and designated as Survey No. 2460, 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. Deputy Mineral Surveyor.

Subscribed and sworn to by the said Peter Mc Cardell

U. S. Deputy Mineral Surveyor, before me Fred W. Morrison

A Notary Public this 2nd

day of October 1907,

Fred W. Morrison

Notary Public

Affidavit of Five Hundred Dollars Improvements

We, J. P. Ryan....., and Chas. E. Patterson.....

of lawful age, being first duly sworn according to law, depose and say: That we are acquainted with the Idaho and Broken Hills..... mining claim, situate in Wallapai..... Mining district, Mohave..... County, Arizona Territory, for which Edward F. Thompson.....

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 improvements made thereon by the applicant and his grantors exceed Five Hundred Dollars in value, and further that we are not personally interested in said mine.

J. P. Ryan.....

Chas. E. Patterson.....

TERRITORY OF ARIZONA, }
County of Mohave. } ss:

Sworn to and subscribed before me, this 23rd.....

day of September....., 1907.



P. McCardell.....

Notary Public.

My Commission Expires 19th. August 1911.

FORM FOR LODE RUNNING NORTHWEST AND SOUTHEAST.
NOTICE OF MINING LOCATION 12

MINERAL CLAIM LODE .

To All Whom It May Concern:

This mining claim, the name of which is the "BROKEN HILLS"
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

John Kennedy

Of the United States of America,

the undersigned citizen, on the 1st day of January 1903.

The length of this claim is Fifteen Hundred (1500) feet and 1
claim 750 feet in a Northwesterly direction and
750 feet in a Southeasterly 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 Northwest to the Southeast.

The claim is situated and located in the Wallapai Mining District,
in Mohave County, in the Territory of Arizona, about 1/4 of a mile
in a Westerly direction from Campbell post office
Office & is a parcel Ledge with the IDAHO mine, this claim was formerly
known as the approle 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 Northwesterly direction 750
feet from the discovery shaft (at which this notice is posted), being in the center of the North-West
end line of said claim; thence Northeasterly Three Hundred (300) feet
to a monument of stone, being the Northeasterly corner of said claim; thence
Southeasterly Seven Hundred and Fifty (750) feet to a monument of stone, at
the center of the Northeasterly side line of said claim; thence Southeasterly
Seven Hundred and Fifty (750) feet to a monument of stone, being at the Southeasterly
corner of said claim; thence Southwesterly Three Hundred (300) feet to a monument of stone
at the center of the Southeasterly end of said claim; thence Southwesterly
Three Hundred (300) feet to a monument of stone, being at the Southwesterly corner of said
claim; thence Northwesterly Seven Hundred and Fifty (750) feet to a monument of stone,
being at the center of the Southwesterly side line of said claim; thence Northwesterly
Seven Hundred and Fifty (750) feet to a monument of stone at the Northwesterly
corner of said claim; thence Northeasterly 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 1st day of January 1903
at one min. past 12 o'clock A. M. John Kennedy

Witness John Granfield. Locator.

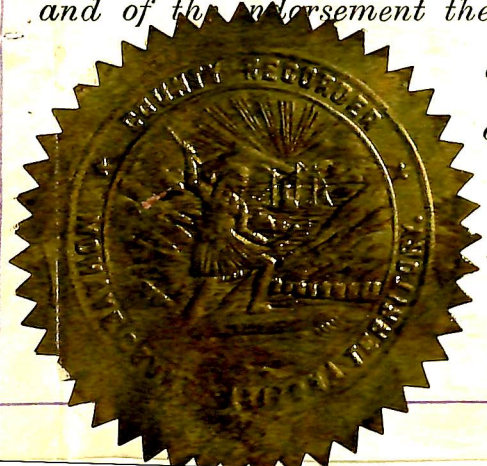
Filed and Recorded at request of T. Avers this 24th day
March A. D. 1903, at one o'clock minutes P. M.
in Book "P" page 249 Records of Mohave County, Jno P. Feeny
County Recorder.

TERRITORY OF ARIZONA, }
COUNTY OF MOHAVE. } ss.

ET

I, Thos. McNeely Recorder of Mohave County, Territory

of Arizona, do hereby certify that I have compared the foregoing copies of Notices
of Location of the "Idaho" and "Broken Hills" Mining Claims
and of the enlargement 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 the seal of said office, this
2nd day of September 1907,

Thos. McNeely
Recorder of Mohave County.

IDAHO LODE:

NEVADA COMPANY.

We the undersigned claim five (5) claims of two hundred (200) feet. Ten hundred (1000) feet on this lode or vein.

Commencing at shaft, Running four hundred (400) feet South East and Six hundred (600) feet North west, and one hundred and fifty feet each side of lode or vein, under laws of Wallapai District and laws of Congress.

Located Jany 2nd 1871'

Recorded this 18th day of January 1871.

George Okey	250 feet
Samuel Hoffner	250 "
Jacob Ralph	250 "
Wm J. Fee	250 "

I hereby certify that the foregoing is a true and correct copy of the notice of the location of the Idaho Lode mine or claim, as appears of Record on page 21 of Book "A" of the Mining records of Wallapai District Mohave County Arizona.

Mineral Park August 28th 1872.

W. J. Fee

Recorder

By L. C. Wilbourn

Deputy.

Filed for record Sept 7th 1872 at 2 min past 9 a. m. at the request of E. Martin Smith.

James P. Bull

County Recorder.

By W. L. Hankell

Deputy.

Recorded in Book "B" at page 133 of Mining Records of Mohave County Territory of 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

January 8, 1908

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 Edward F. Thompson, known as the IDAHO and BROKEN HILLS, situate in Wallapai Mining District, Mohave County, Arizona, in Section 7, Township No. 23 N., Range No. 17 W., and designated as Survey No. 2460, 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 each of or improvements made upon said mining claim by claimant or his grantors, and that said improvements consist of 4 shafts, total value \$2275.

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

January 8, 1908.

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 Edward F. Thompson

known as the

IDAHO and BROKEN HILLS

situate in Wallapai Mining District,

Mohave County, Arizona

in Section 7, Township No. 22 N., Range No. 17 W.

designated as Survey No. 2460

executed by Peter McCardell, U. S. Deputy Mineral

Surveyor, September 19 - 21, 1907, under my instructions dated

September 5th, 1907, 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. Duggan

U. S. Surveyor-General for Arizona

