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DEC. 14. 1917

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FEB. 21. 1918

MINERAL SURVEY No. 3458

ARIZONA

Land District.

FIELD NOTES

OF THE SURVEY OF THE MINING CLAIM OF

M. A. Sawyer and Anson H. Smith

KNOWN AS THE

Great Canyon Lode

Cedar Mining District,

Mohave County, Arizona

Section 29, Township 17 N., Range 14 W., unapproved survey

Surveyed under instructions dated November 28, 1917

by Peter Mc Cardell
U. S. Mineral Surveyor.

Claim located see location notice, 19

Survey commenced December 5 th., 19 17

Survey completed December 7 th., 19 17

Address of claimant M. A. Sawyer and Anson H. Smith.
Kingman, Arizona.

DATES OF AMENDED LOCATIONS.

SURVEY No. 3458.

GREAT CANYON LODGE.

Beginning at Cor. No. 1:

A granite stone, 6 X 18 X 30 ins., set 12 ins. in the ground, with mound of stone, chiseled 1-3458 G. C., cross (X) at corner point, whence

N. W. corner of the location bears N. 2° 49' W. 31 ft., a monument of stone 3 ft. high.

Cor. No. 2-4-3290 A., Whale and Leviathan lodes, bears N. 68° 39' W. 1081.3 ft. U. S. M. M. No. 3290 A., Cedar Mining District, bears N. 60° 13' 10" W. 1812.1 ft.

Thence S. 78° 19' E.

Va. 15° 07' E.

Feet.

300.00 To N. end Center.

A granite stone, 6 X 12 X 24 ins., set 12 ins. in the ground, with mound of stone, chiseled G. C., N. E. C., cross (X) on top for line point, whence

N. end center of the location bears N. 46° 41' E. 76 ft., a monument of stone 4 ft. high.

600.00 To Cor. No. 2.

A granite stone, 6 X 12 X 26 ins., set 12 ins. in the ground, with mound of stone, chiseled 2-3458, G. C., cross (X) at corner point, whence

The N. E. corner of the location bears S. 87° 52' E. 250 ft., a monument of stone 3 ft. high.

Thence S. 11° 41' W.

Va. 15° 09' E.

590.00 Deluge Wash, drains N. 42° E.

890.00 S. E. corner Mill building.

940.00 Road, course S. 84° E. and N. 84° W.

1500.00 To Cor. No. 3.

A quartzite stone, 6 X 9 X 24 ins., set 12 ins. in the ground, with mound of stone, chiseled 3-3458 G. C., cross (X) at corner point, whence

S. E. corner of the location bears S. 24° 15' E. 129 ft.,

SURVEY No. 3458 - Continued.

Feet.

GREAT CANYON LODE - Continued.

a monument of stone 3 ft. high.

Thence N. 78° 19' W.

Va. 15° 06' E.

300.00 To S. end center.

A granite stone, 6 X 16 X 30 ins., set 12 ins. in the ground, with mound of stone, chiseled S. E. C., G. C., cross (X) at line point, whence

S. End center of the location bears S. 11° 41' W. 102 ft., a monument of stone 3 ft. high.

560.00 Deluge Wash, drains N. 12° E.

600.00 To Cor. No.4.

A granite stone, 6 X 14 X 28 ins., set 12 ins. in the ground, with mound of stone, chiseled 4-3458 G. C., cross (X) at corner point, whence

S. W. corner of the location bears S. 76° 06' W. 54 ft., a monument of stone 3 ft. high. 1/4 Cor. between Sec's

29 and 30, T. 17 N., R. 14 W., bears N. 53° 19' W. 825.35 ft., (unapproved survey).

Thence N. 11° 41' E.

Va. 15° 07' E.

330.00 Deluge Wash, drains N. 12° W.

620.00 Deluge Wash, drains N. 87° E.

625.00 Bend in road.

1100.00 Road, course S. 42° E. and N. 42° W.

1115.00 Copper Canyon wash, drains S. 42° E.

1500.00 To Cor. No.1, the place of beginning.

LODE LINE.

As near as can be determined from present developments the vein of this location, embraced in this survey, extends as follows from the discovery point:

750 ft. N. 11° 41' E., and 750 ft. S. 11° 41' W.

SURVEY No.3458- Continued.

GREAT-CANYON LODE - Continued.

LOCATION.

This survey is located in Section 29, T. 17 N., R. 14 W. G. S. R. B. & M., unapproved survey, Cedar Mining District, Mohave County, Arizona.

AREA.

Area=..... 20.661 Acres.

EXPENDITURE OF FIVE HUNDRED DOLLARS.

I certify that the value of the labor done and improvements made upon this location, by the claimants, is not less than five hundred dollars, and that said improvements

consist of: No. 1, discovery point, initial mon. of location, on the lode line 750 ft. from the N.E.C.

No. 1, 2, the discovery cut, the face of which bears from Cor. No. 4, N. 33° 50' E. 666.8 ft., 4 ft. wide, 8 ft. face, running N. 46° W. 16 ft. Value, \$50

No. 3, A tunnel, the mouth of which bears from Cor. No. 4, N. 33° 30' E. 640 ft., 4 X 6 ft. running S. 44° 12' W. 38 ft. Value, \$380

No. 4, A shaft, on the center line 674 ft. from the center of line 1-2, 4 X 8 ft., 68 ft. deep. Value, \$825

OTHER IMPROVEMENTS.

A shaft, on the center line 682 ft. from the center of line 3-4, 4 X 6 ft., 10 ft. deep. Work done by other parties.

A mill building, the S. E. Corner of which bears from Cor. No. 3, N. 11° 41' E. 610 ft., 40 X 43 ft., course of long side, N. 5° 10' W.

SURVEY No. 3458 - Continued.

GREAT CANYON LODGE - Continued.

INSTRUMENT.

This survey was made with an Ainsworth and Sons Transit, The courses were deflected from the true meridian by observation on Polaris. The distances were measured with a 50-ft. and 500-ft. steel tapes.

ADJOINING CLAIMS.

There are no adjoining claims.

REPORT.

The lode line of this location was run directly upon the ground, and the several corners established by means of offsets from the lode line. All tie lines were run directly upon the ground.

Cor. No. 2-4, Survey No. 3290 A., Whale and Leviathan lodes, is a granite stone, 8 X 8 ins., properly chiseled with corner and survey numbers.

1/4 Corner between Sec's 29 and 30, T. 17 N., R. 14 W., unapproved survey, is a one inch iron pipe with brass cap, properly marked.

Owing to the great distance to where we could get the services of a Notary Public I myself took the affidavit of my assistant.

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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

M. A. Sawyer and Aaron H. Smith

known as the Great Canyon lode

and showing the respective capacities in which ^{he} they acted.

J. F. McDonald, Chainman.

....., Chainman.

....., Axman.

....., Flagman.

FINAL OATHS OF ASSISTANTS.

~~We~~, J. F. McDonald

and do solemnly swear that ~~we~~ ^I assisted

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

the boundaries of the mining claim of M. A. Sawyer and Aaron H. Smith

known as the Great Canyon 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

J. F. McDonald, Chainman.

....., Chainman.

....., Axman.

....., Flagman.

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

day of December, 1917

Peter McCardell

U.S. Mineral Surveyor

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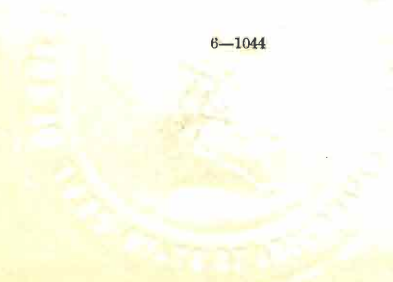
FINAL OATH OF U. S. MINERAL SURVEYOR.

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 November 28 th. 1917., 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. A. Sawyer and Anson H. Smith, known as the Great Canyon lode, situate in Cedar Mining District, Mohave County, Arizona, in Section 29, Township No. 17 N., Range No. 14 W., unapproved survey, and designated as Survey No. 3458, 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.

Peter Mc Cardell
U. S. Mineral Surveyor.

Subscribed and sworn to by the said Peter Mc Cardell
U. S. Mineral Surveyor, before me L. M. Teale, Clerk of the
Superior Court this 12 th.
day of December, 19 17

L. M. Teale
Clerk of the Superior Court
of Mohave County, State
of Arizona.



Notice of Mining Location

LODE CLAIM

NOV. 27. 1917

TO ALL WHOM IT MAY CONCERN:

This Mining Claim; the name of which is the **Great Canyon**

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 **E. S. Osborne, L. J. Lassell, H. W. Kemper, W. J. Connors and Anson H. Smith, citizens of the U. S.**

(Locator must insert either "a citizen of the United States" or "who has declared his intention to become a citizen of the United States,")
the undersigned, on the **24th** day of **Sept.** 19 **04.**

The length of this claim is **fifteen hundred** feet,
and **we** claim **750** feet
in a **northerly** direction and **750**
feet in a **southerly** 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** to the **south.**

The claim is situated and located in the **Cedar Valley** Mining District, in **Mohave** County, in the **Territory** of Arizona, about **3 miles** in a **northeasterly** direction from **the Berkely mine and at the mouth of Copper Canyon**

The surface boundaries of the claim are marked upon the ground as follows: Beginning at **Stone monument**

at a point in a **northerly** direction **750** feet from the discovery shaft (at which this notice is posted), being in the center of the **north** end line of said claim; thence **westerly 300** feet to a **stone monument** being the **N. W.** corner of said claim; thence **southerly 1500** feet to a **stone monument** being at the **S. W.** corner of said claim thence **easterly 300** feet to a **stone monument** at the center of the **south** end of said claim; thence **easterly 300** feet to a **stone monument** being at the **S. E.** corner of said claim; thence **northerly 1500** feet to a **stone monument** at the **N. E.** corner of said claim; thence **W. 300** feet to the place of beginning.

All done under the provisions of Chapter Six, of Title XX XII, 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.

Dated and posted on the ground, this **24** day of **Sept.** 19 **04**

E. S. Osborne. **H. W. Kemper.**
L. J. Lassell. **W. J. Connors.**
Anson H. Smith.

Filed and recorded at request of **Anson H. Smith** this **4th** day of **Nov.** A.D. 19 **04** at **10:30** o'clock **A. M.** in Book V, page 136.
Jno. P. Feeny.

County Recorder.

STATE OF ARIZONA, }
County of Mohave } ss.

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I, H. L. Underwood Recorder of Mohave County, State of Arizona,

do hereby certify that I have compared the foregoing copy of Great Canyon Mining
Claim, dated Sept. 24, 1904,

and of the endorsement 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 26th
day of November 1917.



H. L. Underwood
Recorder of Mohave County.

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

Department of the Interior,

OFFICE OF U. S. SURVEYOR-GENERAL,

Phoenix, Arizona.

June 20, 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

M. A. Sawyer and Anson H. Smith

known as the GREAT CANYON Lode

situate in Cedar

Mining District, Mohave County, Arizona

in Section 29, Township No. 17 N, Range No. 14 W., Unapproved Survey and

designated as Survey No. 3458, 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 the grantors, and that said improvements consist of 1 cut, 1 tunnel and 1 shaft, total value \$1255.

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.

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,

June 20, 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

M. A. Sawyer and Anson H. Smith

, known as the

GREAT CANYON Lode

situate in Cedar mining district,

Mohave County, Arizona

in Section 29, Township No. 17 N, Range No. 14 W., Unapp'd. Survey

, designated as Survey No. 3458

executed by Peter McCardell, United States Mineral

Surveyor, December 5-7, 1917, under my instructions dated

November 28, 1917, 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.