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JCT.3-1910

4-683.

MINERAL SURVEY No. 2761

LOT No.

ARIZONA Land District.

FIELD NOTES

OF THE SURVEY OF THE MINING CLAIM OF

Pittsburgh Copper & Mining Co.

KNOWN AS THE

IDA M "SMYTH"

White Mesa Mining District,

Coconino County, Arizona

Section Approximate, Township 38 N., Range 9 E., unsurveyed.

Surveyed under instructions dated January 8, 1910

by J. F. Hesse U. S. Mineral Surveyor.

Claim located See Location Notice, 19

Survey commenced June 7, 1910.

Survey completed June 7, 1910

6-823

Address of claimant's Attys.,

Clark, Prentiss & Clark,

Metropolitan Bank Bldg.,

Washington, D. C.

SURVEY NO. 2761

Ida M. Smyth Lode

Beginning at cor. No. 1.
A sand stone 26 x 17 x 6 ins. set 13 ins. in the ground, marked I M S-1-2761 on SE. face, with a x on top, with a mound of stone 2 ft. base, 2 ft. high alongside.
No bearings available.
U. S. L. M. No. 2758 bears S. 8° 21' W. 93.78 ft. dist.

Thence East

1500. To cor. No. 2
A sand stone 30 x 12 x 8 ins. set 15 ins. in the ground, marked I M S-2-2761 on SW. face, with a x on top, with a mound of stone 2 ft. base, 2 ft. high alongside.
Piñon 12 ins. dia. marked I M S-2-2761-B.T. bears S. 14° 45' W. 125. ft. dist.

Thence South

300. To E. end center.
600. To cor. No. 3
A sand stone 26 x 12 x 8 ins. set 13 ins. in the ground, marked I M S-3-2761 on NW. face, with a x on top, with a mound of stone 2 ft. base, 2 ft. high alongside.
Piñon 10 ins. dia. marked I M S-3-2761-B.T. bears N. 46° W. 14.52 ft. dist.

Thence West

1500. To cor. No. 4
A sand stone 40 x 20 x 2 ins. set 20 ins. in the ground, marked I M S-4-2761 on NE. face, with a x on top, with a mound of stone 2 ft. base, 2 ft. high alongside.
Piñon 7 ins. dia. marked I M S-4-2761-B.T. bears S. 88° 15' E. 55.5 ft. dist.

Thence North

300. To W. end center.
600. To cor. No. 1 the place of beginning.
Variation at all corners 14° 30' E.

LODE LINES

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

Ida M. Smyth Lode 750 ft. East and 750. ft. West.

AREA

Total area, Ida M. Smyth Lode 20.661 Acres.

LOCATION

This claim is located in the White Mesa Mining District Coconino County, Arizona, in what will approximately be when surveyed T. 38 N. R. 9 E. G. & S.R.B. & M. IN the Navajo Indian Reservation.

ADJOINING CLAIMS

This survey is bounded on the North by the Gopher Lode unsurveyed, on the South and East by public land the Navajo Indian Reservation. and on the West by the Copper World or " Old Fort" Lode unsurveyed.

EXPENDITURE OF FIVE HUNDRED DOLLARS.

I certify that the value of the labor and improvements made uponsaid mining claim by the claimant or its grantors is not less than five hundred dollars, and that said im-

- No. 1 Dis. Shaft 4x4x6 ft. deep, which bears from the W. end center, East 750. ft. Value \$ 60.00
- No. 2 Shaft 2x4x6 ft. deep, which bears from the W. end center, N. 31° 57' E. 157. ft. Value \$ 60.00
- No. 3 Cut 3x16x4 ft. face, which bears from the W. end center N. 37° 38' E. 178. ft. Value \$ 80.00
- No. 4 Shaft 4x6x27 ft. deep, which bears from the W. end center, N. 35° 10' E. 327 ft. Value \$ 270.00
- No. 5 Shaft 4x5x44 ft. deep, which bears from the W. end center, N. 28° 45' E. 308. ft. Value \$ 440.00
- No. 6 Shaft 4x6x7 ft. deep, which bears from the W. end center, N. 23° 00' E. 324. ft. Value \$ 70.00
- No. 7 Shaft 4x8x5 ft. deep, which bears from the W. end center, N. 31° 12' E. 340. ft. Value \$ 50.00
- No. 8 Shaft 4x5x10 ft. deep, which bears from the E. end center, N. 64° 25' W. 285. ft. Value \$ 100.00
- No. 9 Shaft 4x6x7 ft. deep, which bears from the E. end center, N. 61° 18' W. 308. ft. Value \$ 70.00
- No. 10 Shaft 4x6x6 ft. deep, which bears from the E. end center, N. 57° 34' W. 312. Ft. Value \$ 60.00
- No. 11 Shaft 4x10x4 ft. deep, which bears from cor. No. 2 S. 70° 04' W. 395. ft. Value \$ 40.00
- No. 12 Shaft 4x6x6 ft. deep, which bears from cor. No. 2 S. 71° 34' W. 413. ft. Value \$ 60.00
- No. 13 Shaft 4x4x24 ft. deep, which bears from cor. No. 2 S. 72° 17' W. 432. ft. Value \$ 240.00
- No. 14 Shaft 4x10x9 ft. deep, which bears from cor. No. 2 S. 73° 30' W. 480. ft. Value \$ 90.00

REPORT

The lode line of the location of this claim was run directly on the ground and the several corners were established by means of offsets from the lode line. All tie lines were run directly on the ground, and all corners and end centers were identical with the location corners and end centers. All location corners were stones set firmly in the ground. This claim is identical with the Buckeye Lode described and surveyed by Amherst W. Barber, Detailed Clerk, G. L. O. under instructions from the Commissioner, dated April 1st. 1901.

INSTRUMENT

This survey was made with an A Lietz, light mountain, transit, No. 5631, with a solar attachment. The courses were deflected from the true meridian as determined by solar observations. The distances were measured with 100 and 300 ft. steel tapes.

John P. Kesse
U. S. Mineral Surveyor.

FINAL OATHS FOR SURVEYS.

LIST OF NAMES.

A list of the names of the individuals employed by J. F. Hesse
 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 _____
 _____ Pittsburgh Copper & Mining Co. _____
 known as the Ida M. Smyth _____
 and showing the respective capacities in which they acted.

- _____ Harry E. Jones _____, Chainman.
- _____ _____, Chainman.
- _____ _____, Axman.
- _____ _____, Flagman.

FINAL OATHS OF ASSISTANTS.

W& I, Harry E. Jones _____
 and _____, do solemnly swear that ~~we~~ ^I assisted J. F. Hesse _____
 _____, United States Mineral Surveyor, in marking the corners and surveying
 the boundaries of the mining claim of _____
 _____ Pittsburgh Copper & Mining Co. _____
 known as the Ida M. Smyth _____
 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 _____

- Harry Jones _____, Chainman.
- _____ _____, Chainman.
- _____ _____, Axman.
- _____ _____, Flagman.

Subscribed and sworn to by the above-named persons before me this 3rd _____

day of October, 1910

Ursula D. Myer

 Notary Public

*My com. expires
 May 19, 1913.*

FINAL OATH OF U. S. MINERAL SURVEYOR.

I, J. F. Hesse, U. S. Mineral Surveyor, do solemnly swear that, in pursuance of instructions received from the United States Surveyor General for Arizona, dated January 8, 1910., 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 Pittsburgh Copper & Mining Co., known as the Ida M. Smyth, situate in White Mesa Mining District, Coconino County, Arizona, in Section Approx., Township No. 38 N., Range No. 9 E. unsurveyed, and designated as Survey No. 2761, 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.

J. F. Hesse
U. S. Mineral Surveyor.

Subscribed and sworn to by the said J. F. Hesse
U. S. Mineral Surveyor, before me Ursula D. Mund
a Notary Public this 3rd
day of October, 1910

Ursula D. Mund
Notary Public.

*My com. expires
May 19, 1913.*

Amended
 Notice of Mining Location
 LODE CLAIM.

CLARK, PRENTISS & CLARK,
 Attorneys & Counsellors,
 Metropolitan Bank Building,
 WASHINGTON, - D. C.

To All Whom It May Concern:

This mining claim, the name of which is the Ida M. "Smyth" 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 J. A. Twichell for Pennsylvania Trust Co. A Citizen of the United States the undersigned, on the 1 day of May 1900⁰⁰

The length of this claim is 1500 feet and I claim 750 feet in a East direction and 750 feet in a West 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 White Mesa Mining District, in Coconino County, in the Territory of Arizona, about $1\frac{1}{2}$ miles in a North Westerly direction from the M.S. L. M. No. 1 and being bounded by the survey stakes established for said claim by A. W. Baker, in May 1901 this amendment being made for the purpose of conformity with said survey.

The surface boundaries of the claim are marked upon the ground as follows: Beginning at a stone monument at a point in a West direction 750 feet from the discovery shaft (at which this notice is posted), being in the center of the West end line of said claim; thence 300 North feet to a Stone monument being the North West corner of said claim; thence East 750 feet to a Stone Monument at the center of the North end side line of said claim; thence East 750 feet to a Cedar Stake, being at the North East corner of said claim; thence South 300 feet to a Cedar Stake at the center of the East end of said claim; thence South 300 feet to a Stone monument, being at the South East corner of said claim; thence West 750 feet to a stone monument being at the South side line of said claim; thence West 750 feet to a Stone monument at the South West corner of said claim; thence North 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 20th, 1895, and amended March 2d, 1899.

Dated and posted on the ground this 1st day of May 1901.

Witness
R. S. Edmundson

Pennsylvania Trust Co
by J. A. Twichell
Agent.

TERRITORY OF ARIZONA }
County of Coconino } ss.

I, Jesse L. Boyce, County Recorder in and for the County and Territory aforesaid, do hereby certify that I have compared the within and foregoing copy with the record of said *Ida M. Smyth* mining claim, recorded in my said office on the 5th day of November, A.D., 1901 in Book 4 of Mines, Page 77, and that the same is a full, true, correct and complete copy of such record and of the whole thereof.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal, this the 16th day of November, A.D., 1909.

Jesse L. Boyce
County Recorder, Coconino County, Arizona.



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

Department of the Interior,

OFFICE OF U. S. SURVEYOR-GENERAL,

Phoenix, Arizona,

March 13, 1911., 190

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

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

Pittsburgh Copper & Mining Co.,

known as the IDA M "SMYTH"

situate in White Mesa

Mining District, Coconino County, Arizona,

in Section Approximate Township No. 38 N., Range No. 9 E., unsurveyed, and

designated as Survey No. 2761, 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 13 shafts and 1 cut, total value \$1690.00.

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.

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,

March 13, 1911., 190

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

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

Pittsburgh Copper & Mining Co.,

known as the

IDA M SMYTH

situate in White Mesa mining district,

Coconino County, Arizona,

in Section Approximate, Township No. 38 N., Range No. 9 E., unsurveyed,

designated as Survey No. 2761.

executed by J. F. Hesse, United States Mineral

Surveyor, June 7, 1910. ~~XXXXX~~, under my instructions dated

January 8, 1910., ~~190~~, 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. Lyall

U. S. Surveyor-General for Arizona.