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Int. of Copper Min.
6/3-04

MAY 31 1904

Examined
H. C. J.

(4-683.)

Mineral Survey No. 1947

Lot No. _____

Gila

Land District.

FIELD NOTES

OF THE SURVEY OF THE MINING CLAIM OF

The Standard Copper Mines

KNOWN AS THE

Fire Fly

Greenlee Gold Mountain Mining District,

Graham County, Arizona

Section 10, Township 46, Range 29E

Surveyed under instructions dated May 10, 1904,

by Harry M. Whitaker
U. S. Deputy Mineral Surveyor.

Claims located AMENDED March 14, 1904

Survey commenced May 15, 1904

Survey completed May 15, 1904

o 8-160

Add. of Claimants atty

L. Kearney,

Clifton, Ariz.

Check fees present

PRELIMINARY OATHS OF ASSISTANTS IN SURVEY OF MINING CLAIM.

We, I. B. Joor, and _____,
do solemnly swear that we will well and faithfully execute the duties of chain carriers; that we will level the chain upon even and uneven ground and plumb the tally-pins, either by sticking or dropping the same; that we will report the true distance to all notable objects, and the true length of all lines that we assist in measuring, to the best of our skill and ability, and in accordance with instructions given us, in the survey of the Mining Claim of The Standard Copper Mines
known as the Fire Fly
situate in Greenlee Gold Mountain mining district
Graham County, Arizona
in Section _____, Township No. _____, Range No. _____

I. B. Joor, Chairman.
_____, Chairman.

Subscribed and sworn to by the above-named persons before me this 5th day of May, 1904

Frank Blaine
Notary Public

I, _____, do solemnly swear that I will well and truly perform the duties of axman, in the establishment of corners and other duties, according to instructions given me and to the best of my skill and ability, in the survey of the Mining Claim of _____
known as the _____
more fully described in the preceding affidavit.

_____, Axman.

Subscribed and sworn to by the said _____
before me this _____ day of _____, 190____

I, _____, do solemnly swear that I will well and truly perform the duties of flagman, in the establishment of corners and other duties, according to instructions given me and to the best of my skill and ability, in the survey of the Mining Claim of _____
known as the _____
more fully described in the preceding affidavit.

_____, Flagman.

Subscribed and sworn to by the said _____
before me this _____ day of _____, 190____

Survey No 1947

Pine Fly Lode

Beginning at Cor No 1

A 4 in x 4 in pine post 4 ft long set
18 in deep, surrounded by mound
of stone scribed 1-1947,
whence U. S. L. M No 3 bears
N 55° 29' W 6988 FT.

A cross and B. R. 1-1947 chiselled
on porphyry Bed rock bears S 80° 15' W.
32.24 FT.

Thence N 34° 42' E
Var 13° 00' E

105.77 Cor. 2-4. Club and San Jose Lodes,
Survey 1945, respectively
305 & intersect gulch

1042.15 To Cor No 2

On line 3-4 San Jose Lode Survey
1945, 936.38 FT from Cor. No 4

A pine post 4 in square 5 ft long
set on rock, surrounded by mound
of stone scribed 2-1947
whence a cross (X) and B. R. 2-1947
chiselled on a 1 ft x 2 ft face in quartzite
bed rock bears S 86° 21' W. 7.70

Thence S 55° 51' E
Var 13° 00' E

61.51 North East End Center of location
in gulch

128.02 To Cor No 3.

On line 1-2 Standard Lode Survey
No 1851 637.66 FT from Cor No 1 Course N 39° 35' E

A pine post 4 in square 5 ft long
set 12 ins in ground to bed rock
surrounded by mound of stone scribed

Survey No 1947 Pine Fly Lode

3-1947, Whence

a cross (X) and B.R 3-1947, chiselled on
quartzite bed rock bears $N 72^{\circ} 16' E$
5 FT.

Thence $S 34^{\circ} 42' W$
Var $13^{\circ} 00' E$

638.47 Enter sect line 4-1 Standard Lode
and line 3-4 New England Lode both
of Survey No 1851, at $S 52^{\circ} 25' E$ 32.12 FT
from Cors 1-3 respectively.

1035.15 Set witness Cor to Cor No 4.

By establishing a post at the true
corner, it would interfere with
any future work at the mouth of
an incline shaft on the New England
Lode of Survey No 1851. Also stone
from a monument built there
might be thrown in shaft.

A post 4 in square 5 ft long set
on rock surrounded by mound
of stone, scribed W.C 4-1947. To Cor
4 $S 34^{\circ} 42' W$ 7 FT

Whence a cross (X) and B.R W.C 4-1947
chiselled on a Paphygy Boulder bears
 $N 11^{\circ} 15' E$ 30.70 FT.

1042.15 No corner point for Cor 4

Beginning at true corner

Thence $N 55^{\circ} 51' W$
Var $13^{\circ} 00' E$

61.51 SW End Center of location

72.08 Intersect line 2-3 New England Lode
survey No 1851 at $S 40^{\circ} 20' W$ 407.97 FT from
Cor No 3.

Also line 2-3 Club Survey 1945
at $S 8^{\circ} 53' W$ 116.96 FT from Cor No 2

123.02 To Cor No 1

The place of beginning

Survey No 1947 Pine Fly Lode 5

The Survey is identical with the location.

Area.

	ACRES
Total Area Pine Fly Lode	2.943 ✓
Area in Conflict with	
Club Lode Sur 1945	0.062 ✓
Standard Lode Survey 1851	0.235 ✓
New England Lode Survey 1851	0.484 ✓

Total Area Pine Fly Lode	2.943 ✓
Less Area in Conflict with	
Club Lode Sur 1945	0.062
Standard Lode Sur. 1851	0.235
New England Lode Sur 1851	0.484
Net Area Pine Fly Lode	1.781 ✓
	2.162 ✓

Location and adjoining claims

This claim is located in the Greene-Gold Mountain Mining District, Graham, County, Territory of Arizona. And about one mile, S.E. from the town of Metcalf.

This claim is located upon unsurveyed lands of the United States. Not knowing of any section corner within two miles, I did not tie to any, approximately T4 S. R30 E.

This claimed is bounded on the North East by the King No 2 Lode, unsurveyed on the South East by the Standard and New England Lodes Sur 1851, on the S.W. by the Club Sur 1945 and New England Lode Sur 1851 and on the

Survey No 1947 Pine Fly Lode

North West by the Club lode and the San Jose Lodes Sur. 1945.

Expenditure of Five Hundred Dollars.

I certify that the value of labor and improvements expended, by the claimants or their grantors, upon this claim, or for the benefit of this claim exceeds Five Hundred dollars; and that no part of said improvements have been credited to any other claim.

Said improvements consisting of the following:-

- No 1 The discovery shaft which bears from Cor No 3 S 41° 44' W 344 FT, ^{in the Pine Fly Lode}
Value \$100.00
- No 2. a 4" x 6" shaft 10 ft. deep which bears from Cor No 3 S 37° 32' W 260 FT
Value \$100.00
- No 3 a 4" x 6" shaft 10 ft deep which bears from cor No 3 S 40° 32' W 288 FT
Value \$100.00
- No 4 a portion of 5 x 7 drift on New England lode ^{Survey No 1851} being a continuation of said drift as described in connection with an incline shaft which bears from Cor No 3 New England. S 31° 01' W 419.50 FT beginning at a point which bears from Cor 4 Pine fly Lode N 55° 26' E 191 FT. Thence N 52° 56' E 13.60 FT, Thence N 41° 21' W 29.40 FT. Being 48 FT. Value \$430.00
- By a continuation of above tunnel, the Pine Fly lode can be worked to advantage as more depth is to be had than by any system

Survey No 1947

of tunnel that can be started on said
Fire Fly.

Note:- No measurements are given in connection
with the discovery shaft as it has been
covered by a dump from above. I have
from a reliable source that this work is at least
10 FT deep. Instrument

This survey was made with a
Aurley Light Mountain Transit
The courses were deflected from
the true meridian as obtained
by observations with a Burt Solar
Attachment.

The distances were measured with
a 500 ft steel tape.

Note:- The disagreement between these
field notes and the location
Certificate, in regards to the position
of the discovery point is due to errors
in the latter.

The hole which this claim embraces
coincides with the center of the claim
and equals it in length.

The lines of other claims referred to
were found upon the ground
by the monument sets with the
proper markings.

FINAL OATHS FOR SURVEYS.

LIST OF NAMES.

A list of the names of the individuals employed by Harry M Whitaker

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 The Standard

Copper Mines

known as the Pine Fly

and showing the respective capacities in which they acted.

P. B. Joon

Chainman.

Chainman.

Arman.

Flagman.

FINAL OATHS OF ASSISTANTS.

No. 1, P. B. Joon

and Harry M Whitaker, do solemnly swear that we assisted

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

the boundaries of the mining claim of The Standard Copper Mines

known as the Pine Fly

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. B. Joon

Chainman.

Chainman.

Arman.

Flagman.

Subscribed and sworn to by the above-named persons before me this 28th

day of May, 1904.

Frank B. Lane

Notary Public.

(4-686.)

FINAL OATH OF U. S. DEPUTY MINERAL SURVEYOR

I, Harry M Whitaker, U. S. Deputy Mineral Surveyor, do solemnly swear that, in pursuance of instructions received from the United States Surveyor General for Arizona, dated May 10 1904, 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 The Standard Copper Mines, known as the Pine Gully, situate in Greenlee Gold Mountain Mining District, Graham County, Arizona, in Section _____, Township No. _____, Range No. _____ and designated as Survey No. 1947, 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 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.

Harry M Whitaker
U. S. Deputy Mineral Surveyor.

Subscribed and sworn to by the said Harry M Whitaker
U. S. Deputy Mineral Surveyor, before me Francis B Lammie
a Notary Public this 28th
day of May 1904.

Francis B Lammie
Notary Public

Affidavit of Five Hundred Dollars Improvements.

We, N. L. Dunn, and A. L. Kuncie

of lawful age, being first duly sworn according to law, depose and say: That we are acquainted with the Pine Fly mining claim, situate in Greenlee Gold Mountain Mining district, Graham County, Arizona Territory, for which The Standard Copper Mines

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 their grantors exceed Five Hundred Dollars in value, and further that we are not personally interested in said mine.

N. L. Dunn
A. L. Kuncie

TERRITORY OF ARIZONA,
County of Graham } ss:

Sworn to and subscribed before me, this 28th day of May, 1904



Frank B. Lane
Notary Public

AMENDED LOCATION NOTICE.

Know All Men By These Presents:

That the STANDARD COPPER MINES, the undersigned, has this 14 day of March, 1904, amended, located and claimed, and by these presents does amend, locate and claim, by right of the original discovery and this additional and amended location certificate on the FIRE FLY Lode vein, ledge or deposit, along the vein thereof, with all its dips, angles and variations.

The length of this claim is 1042.15 feet, and we claim 700 feet in a Southwesterly direction, and 342.15 feet in a Northeasterly direction from the center of the discovery shaft, at which this notice is posted, lengthwise of the claim, together with 61.50 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 Northeasterly to the Southwesterly.

The claim is situated and located in the Greenlee Gold Mountain Mining District, in Graham County, Territory of Arizona.

From the S. W. Corner of this claim U. S. L. M. No. 3 bears N. 55° 29' W. 6988. feet.

The surface boundaries of the claim are marked upon the ground as follows: Beginning at a mound of stone, at a point in a Northeasterly direction 342.15 feet from the discovery shaft (at which this notice is posted), being in the center of the Northeast end line of said claim; thence N. 55° 51' W. 61.51 feet to a Post, being the Northwest corner of said claim; thence S. 54° 42' E. 1042.15 feet to a Post, being at the Southwest corner of said claim; thence S. 55° 51' E. 61.51 feet to a mound of stone, being at the center of the Southwest end of said claim; thence S. 55° 51' E. 61.51 feet to a Post, being at the Southeast corner of said claim; thence N. 54° 42' E. 1042.15 feet to a Post, at the Northeast corner of said claim; thence N. 55° 51' W. 61.51 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 to Codify and Revise the Laws of the Territory of Arizona," Approved March 16th, 1901.

This is an Amended Location Notice of the FIRE FLY Mining Claim, located by Chas. W. Stevens, on the 9th day of May, 1901, and recorded in Book 14 of the Record of Mines, at page 200, in the office of the County Recorder of the aforesaid County of Graham, to which reference is hereby made.

Dated and posted on the ground this 14 day of March, 1904.

STANDARD COPPER MINES,
By W. A. Leonard, Agent.

Filed and recorded at request of T. B. Inglis, Mch 22nd, A. D. 1904.
at 3 o'clock P. M. . Book 18 Record of Mines, page 8.

Mit Simms,
County Recorder.

TERRITORY OF ARIZONA, }
County of Graham. } SS.

I, Mit Simms, County Recorder in and for the said County and Territory, hereby certify the foregoing is a true, full, and correct copy of the Amended Location Notice of the Fire Fly Mining Claim, as the same appears of record in my said office, and of the whole thereof.

In Witness Whereof, I have hereunto set my hand and affixed my official seal, this ___ day of ~~MA~~ April, 1904.

Mit Simms
County Recorder.

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.....

July 9th, 1904

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..... The Standard Copper Mines.....

....., known as the
..... Fire Fly.....

situate in Greenlee Gold Mountain..... Mining District,
..... Graham..... County, Arizona.....

in Section....., Township No....., Range No.....
....., designated as Survey No..... 1947.....

executed by Harry M. Whitaker....., U. S. Deputy Mineral
Surveyor,..... May 15....., 1904, under my instructions dated

..... March 14....., 1904, 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 A. Lyall

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

UNITED STATES DEPARTMENT OF THE INTERIOR
 BUREAU OF LAND MANAGEMENT
 ARIZONA STATE OFFICE

9630 (942)
 Group 715

November 28, 1994

Memorandum

To: Chief, Office Section, Branch of Cadastral Survey

From: Chief Cadastral Surveyor

Subject: Notice of Cancellation of Surveys, Navajo Special Meridian, Arizona

Effective November 28, 1994, the surveys of the following townships of the Navajo Special Meridian, Arizona are cancelled.

Surveyed Townships

T. 1 N., Rs. 7, 9, 10, and 11 W.
 T. 2 N., Rs. 7, 10, and 11 W.
 T. 3 N., Rs. 6, 7, 10, and 11 W.
 T. 4 N., Rs. 6, 10, and 11 W.
 *T. 5 N., Rs. 6, 10, and 11 W.
 T. 6 N., Rs. 6, 7, 9, 10, and 11 W.
 T. 7 N., Rs. 7, 9, 10, and 11 W.

Partially Surveyed Townships

T. 1 N., Rs. 5, and 8 W.
 T. 2 N., Rs. 5, 8, and 9 W.
 T. 3 N., Rs. 5, 8, and 9 W.
 T. 4 N., Rs. 5, 7, 8, and 9 W.
 T. 5 N., Rs. 5, 7, 8, and 9 W.
 T. 6 N., Rs. 5, and 8 W.
 T. 7 N., Rs. 5, 6, and 8 W.

Also effective November 28, 1994, the suspension is lifted on the plat approved June 23, 1933, and accepted January 6, 1934, T. 5 N., R. 10 W.

*Portions of T. 5 N., R. 10 W., were resurveyed in 1933 under Group 183 and in 1940-42 under Group 235 for the primary purpose of preserving the identification of the Boundary of Canyon De Chelly National Monument. The portions of those surveys resurveyed in 1991-92 under Group 715, plat accepted August 16, 1994, and the subdivision of sections 10, 22, 25 and 26 in the 1940-42 resurvey are the only portions of the Navajo Special Meridian that remain uncanceled.

This cancellation is to include the 1869 survey of the South and West Boundaries, by Treaty of June 1, 1868, and the subsequent 1919-20 resurvey of the West Boundary of the Navajo Indian Reservation.

Townships surveyed or partially surveyed in New Mexico under the Navajo Special Meridian were cancelled by Memorandum dated June 17, 1936 under memorandum file #1643519 "E" and included the following townships:

T. 1 N., Rs. 1, 2, and 3 W.	T. 9 N., Rs. 1, 2, 3, and 4 W.
T. 2 N., Rs. 1, and 5 W.	T. 10 N., Rs. 1, 2, 3, 4, and 5 W.
T. 3 N., Rs. 1, and 5 W.	T. 11 N., Rs. 1, 2, 3, 4, and 5 W.
T. 4 N., Rs. 1, 2, and 5 W.	T. 12 N., Rs. 3, 4, and 5 W.
T. 5 N., Rs. 1, and 2 W.	T. 13 N., Rs. 1, 2, 3, 4, and 5 W.
T. 6 N., Rs. 1, 2, 3, and 4 W.	T. 14 N., Rs. 3, 4, and 5 W.
T. 7 N., Rs. 1, 2, and 3 W.	
T. 8 N., Rs. 1, 2, 3, and 4 W.	

By Directors' Letter dated May 11, 1951, the surveys executed in Arizona under the Navajo Special Meridian in Tps. 8, 9, 10, 11, 12, 13, 14, 15 N., Rs. 5, 6, 7, 8, 9, 10, and 11 W. were cancelled. In particular they are:

Surveyed

T. 8 N., Rs. 9, 10, and 11 W.
 T. 9 N., Rs. 9, 10, and 11 W.
 T. 10 N., Rs. 5, 9, and 10 W.
 T. 11 N., Rs. 5, 9, 10, and 11 W.
 T. 12 N., Rs. 9, 10, and 11 W.
 T. 13 N., Rs. 9, 10, and 11 W.
 T. 14 N., Rs. 5, 6, 7, 8, 9, 10, and 11 W.
 T. 15 N., Rs. 7, 8, 9, and 10 W.

Partially Surveyed

T. 8 N., Rs. 6, 7, and 8 W.
 T. 9 N., Rs. 5, 6, and 8 W.
 T. 10 N., Rs. 6, 7, 8, and 11 W.
 T. 11 N., Rs. 6, 7, and 8 W.
 T. 12 N., Rs. 5, and 6 W.
 T. 13 N., Rs. 5, 6, 7, and 8 W.
 T. 15 N., Rs. 5, 6, and 11 W.

Unsurveyed

T. 8 N., R. 5 W.
 T. 9 N., R. 7 W.
 T. 12 N., Rs. 7, and 8 W.

By Memorandum dated January 29, 1992, File No. 9630 (942), this office, Tps. 1 and 2 N., R. 6 W. were cancelled.

A copy of this memorandum will be placed at the front of each of the following original field note books, located at the Arizona State Cadastral Survey Office, containing the field notes of the affected surveys.

BOOK: 1932, 1933, 1934, 1935, 1936, 1937, 1938, 1939, 1940, 1941, 1942, 1943, 1944, 1945, 1946, 1947, 1948, 1949, 1950, 1951, 1952, 1953, 1954, 1955, 1956, 2627, 3342, 3502, 3966, 4288

The notation, "Cancelled November 28, 1994 per Memorandum File No. 9630 (942) Group 715, Arizona," will be made on the following plats:

Approved February 28, 1870

T. 1 N., Rs. 9, and 10 W.
 T. 2 N., R. 10 W.
 T. 3 N., R. 10 W.
 T. 4 N., R. 10 W.
 T. 5 N., R. 10 W.
 T. 6 N., R. 10 W.
 T. 7 N., R. 10 W.

Approved May 7, 1870

T. 6 N., R. 9 W.
 T. 7 N., R. 9 W.

Approved May 23, 1870

T. 1 N., R. 7 W.
 T. 2 N., R. 7 W.
 T. 3 N., Rs. 6, and 7 W.
 T. 4 N., R. 6 W.
 T. 5 N., R. 6 W.
 T. 6 N., Rs. 6, and 7 W.
 T. 7 N., R. 7 W.

Approved March 7, 1871

T. 1 N., R. 11 W.
 T. 2 N., Rs. 5, and 11 W.
 T. 3 N., Rs. 5, and 11 W.
 T. 4 N., Rs. 5, and 11 W.
 T. 5 N., R. 11 W.
 T. 6 N., R. 11 W.
 T. 7 N., R. 11 W.

The notation, "Cancelled November 28, 1994, except for those portions resurveyed in 1991-92, Group 715, plat accepted August 16, 1994, and the survey of the subdivision of sections 10, 22, 25 and 26 on this plat, per Memorandum File No. 9630 (942) Group 715, Arizona," will be made on the following plat:

T. 5 N., R. 10 W., approved December 3, 1943, and accepted December 23, 1943.

The notation, "Suspension Lifted, November 28, 1994, per Memorandum File No. 9630 (942) Group 715, Arizona," will be made on the following plat:

T. 5 N., R. 10 W., approved June 23, 1933, and accepted January 6, 1934.



James P. Kelley

PLAT
of
TOWNSHIP N° 1047
and District

Surveyed
By *H.M. Whitaker*
U.S. Dep. Min. Sur.

