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Recd June 25 1900

July 13 copy notes

Platted July 23, S.F.F.

(4-683.)

Mineral Survey No. 1472

Lot No. _____

Standard-Fraction-group
Prescott, Arizona Land District.

FIELD NOTES

OF THE SURVEY OF THE MINING CLAIM OF

John A. Forbes and John Mc Kenzie
(per Andrews and Stocker attys)

KNOWN AS THE

Standard and Fraction Claims
Pine Grove Mining District,

Yavapai County, Arizona

Section upon unsurveyed land, Township 11 N, Range 2 W approximately

Surveyed under instructions dated April 16, 1900,

by R. C. Powers,
U. S. Deputy Mineral Surveyor.

Claim located Aug 21st, 1893 and April 24, 1899

Survey commenced June 5th, 1900

Survey completed June 9th, 1900

o 6-100

Claimants address,
per Andrews & Stocker attys.
Prescott,
Arizona.

PRELIMINARY OATHS OF ASSISTANTS IN SURVEY OF MINING CLAIM.

We, Horton D. Forrest and Samuel Keast, 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 John A. Forbes and John Mc Kenzie, known as the "Standard" and "Fraction" situate in Pine Grove mining district, Yavapai County, Arizona, in Section 11 N, Township No. 2 N, Range No. 2 W.

Horton D. Forrest, Chainman.
Samuel Keast, Chainman.

Subscribed and sworn to by the above-named persons before me this 4th day of June, 1900

my commission expires Jan 26th 1904,

R. C. Powers
Notary Public

I, Horton D. Forrest, do solemnly swear that I will well and truly perform the duties of axeman, 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 John A. Forbes and John Mc Kenzie known as the "Standard" and "Fraction", more fully described in the preceding affidavit.

Horton D. Forrest, Axeman.

Subscribed and sworn to by the said Horton D. Forrest before me this 4th day of

26 4

June, 1900
R. C. Powers
Notary Public

I, Samuel Keast, 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 John A. Forbes and John Mc Kenzie known as the "Standard" and "Fraction", more fully described in the preceding affidavit.

Samuel Keast, Flagman.

Subscribed and sworn to by the said Samuel Keast before me this 4th day of

26 4

June, 1900
R. C. Powers
Notary Public

Standard lode

Beginning at Cor. No 1

Identical with N.W. Cor. of location and Cor. No 1 of Fraction lode of this survey.

An igneous rock 24x12x10 ins. set 12 ins. in the ground and chiseled 1/4 30 S with a mound of stone alongside.

A Juniper tree 5 ins dia. scribed 1/4 30 S.B.T. hrs. S-5° E., 19 ft dist

U.S. Loc. mon. No 1430 hrs. S-62° 30' W, 640 ft. dist. No other bearings available.

Thence S-4° 30' W

750 A loc. mon. of stone at center of W. Side line.
1500 To Cor. No 2.

Identical with S.W. Cor. of location.

On line 1-2 of Hoosier No 1 lode, unsurveyed. A granite rock in place 24x18x12 ins. scribed 2/4 30 S with a mound of stone alongside.

No bearings available.

Thence S-85° 30' E.

30 Cross ravine 2 ft wide, flows S-48° W.
180 A loc. mon. of stone at center of N. End line of Hoosier No 1 lode unsurveyed.
300 A loc. mon. of stone at center of S. End line.
480 Cor No 2 of Hoosier No 1 lode unsurveyed.
600 To Cor. No 3.

Identical with S.E. Cor. of location.

An imbedded granite rock 4x8 ins 5 ins above ground and chiseled 3/4 30 S. with a mound of stone alongside.

A Juniper tree 8 ins dia and scribed 3/4 30 S.B.T. hrs. N-78° W, 100 ft. dist.

No other bearings available.

Thence N-4° 30' E.

260 Cross ravine 2 ft. wide and flows S-60° W
750 A loc. mon. of stone at center of E. Side line
1500 To Cor. No 4

Identical with N.E. Cor. of location and Cor No 2 of Fraction lode of this survey

An imbedded granite rock 8x14 ins 12 ins above ground chiseled (x) at corner point and 4/4 30 S. with a mound

of stone alongside.

A Juniper tree 26 ins. dia. scribed 4/1430 S.B.T.
brs. S-40°W 52 ft dist.

A Juniper tree 8 ins dia., scribed 4/1430 S.B.T.
brs. N-44°W - 27 ft dist.

thence N-85°30'W

300 a loc. mon. of stone at center of N. end line
and center of S. end line of Fraction block
of this survey.

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

The variation at all corners of the
Standard block is 14° 05' E.

Total Area of the Standard block is 20.65 acres

Fraction lot 2

Beginning at Cor. No 1

Identical with S.W. cor. of location and Cor. No 1 of Standard lot of this survey.

An igneous rock 24 x 12 x 10 ins. set 12 ins. in the ground and chiseled 1/4 30 Ft with a mound of stone alongside.

A Juniper tree 5 ins. dia. scribed 1/4 30 Ft. B.T. brs S-5° E. 19 ft. dist.

U.S. Loc. Mon. No 1430 brs. S-62° 30' W, 640 ft. dist.

No other bearings available.

Thence S-85° 30' E.

300 A loc. mon of stone at center of S. End line and center of N. End line of Standard lot of this survey.

400 To Cor. No 2.

Identical with S.E. Cor of location and Cor No 4 of Standard lot of this survey.

An unbedded granite rock 8 x 14 ins 12 ins above ground and chiseled (x) at corner point and 2/4 30 Ft with a mound of stone alongside.

A Juniper tree 26 ins dia scribed 2/4 30 Ft. B.T. brs. S-40° W 52 ft. dist.

A Juniper tree 8 ins dia. scribed 2/4 30 Ft. B.T. brs. N-44° W, 27 ft. dist.

Thence N-18° E.

361 To Cor No 3

Identical with N.E. Cor of location and S.E. Cor of Mohawk lot. unsurveyed.

An igneous rock 24 x 10 x 8 ins set 12 ins. in the ground and chiseled 3/4 30 Ft with a mound of stone alongside

A Juniper tree 10 ins dia scribed 3/4 30 Ft. B.T. brs. S-15° W, 26 ft. dist.

No other bearings available

Thence N-85° 30' W

300 A loc. mon of stone at center of N. End line and center of S. End line of Mohawk lot unsurveyed.

600 To Cor. No 4:

Identical with N.W. Cor. of location

and S. W. Cor. of Mohawk lode, unsurveyed.
An igneous rock $24 \times 10 \times 10$ ins set 12 ins
in the ground and chiseled $4/1430$ ft
with a mound of stone alongside
an oak tree 10 ins. dia, and scribed $4/1430$
F.B.T. brs S- 40° E. 36 ft. dist.

No other bearings available
thence S- 18° 00' W.

361 To Cor. No 1 the place of beginning.

The variation at all corners of
the Fraction lode is $14^{\circ} 05' E$.

Total Area of the Fraction lode is 4.836 Acres.

Expenditure of Five hundred dollars.

Standard.

Discovery Tunnel $4 \frac{1}{2} + 7$ The mouth of
which from monument at the center
of the S. end line brs. N. 20° W. 256 ft. dist.
and thence extends N. $4^{\circ} 18' W$. 63 feet.
thence N. $6^{\circ} E$. 124 ft. - Total length
187 ft. Eighty three and one half

feet ($83 \frac{1}{2}$) in from the mouth of
this tunnel is a wing $4 \frac{1}{2} + 7$ ft
sunk on the vein to a depth
of one hundred feet and well
timbered. Total value of Tunnel wing,

\$3000⁰⁰

As the Fraction claim of this survey
can be most economically marked
through this Tunnel, five hundred
dollars of its value are credited
to that claim.

Fraction.

Discovery Shaft - $4 \times 6 + 12$ feet - from mon

no 1

no 1

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Survey 1472 Fracture Lode
#500⁰⁰ Expenditure Continued

of location at the center of the N. end line
S. 18° 20' 100 feet distant value \$100⁰⁰
Of the value of Tunnel No. 1. Standard
Lode of this Survey there is credited, \$500⁰⁰

Adjoining Claims.

To the North of the "Fracture" is the Mohawk claim
James and ^{Thomas} ~~John~~ Roach claimants, to the west
is the "Poka hots" claim, unsurveyed, Charles
Unverzagt-claimant, and adjoining on the
South is the "Heavier No. one" J. W. Watts
claimant. There are no adjoining claims
upon the East.

Location.

These claims are located upon unsurveyed
mineral lands, approximately in Township 11 N.
Range 2 West.

Instrument.

This survey was made with a Gurley light mountain
transit with solar attachment, and the courses
were deflected from the true meridian as determined
by direct solar observations. The distances were
measured with a 50 ft steel chain.

Lode is

The general course of the vein on the Standard
is N. 40° 30' E and it extends the entire length
of the claim as indicated by croppings.
The general course of the vein on the Fracture
is N. 18° E and crops out through the entire
center of the claim.

R. C. Powers

U. S. Deputy Mineral Surveyor.

address -

Prescott Arizona.

June 26th 1900.

FINAL OATHS FOR SURVEYS.

LIST OF NAMES.

A list of the names of the individuals employed by R. C. Powers
 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 John A. Forbes and John McKinzie
 known as the Standard and Fraction
 and showing the respective capacities in which they acted.

Horton D. Forrest, Chairman.
Samuel Keast, Chainman.
Horton D. Forrest, Axman.
Samuel Keast, Flagman.

FINAL OATHS OF ASSISTANTS.

We, Horton D. Forrest
 and Samuel Keast, do solemnly swear that we assisted R. C.
Powers, United States Deputy Mineral Surveyor, in marking the corners and
 surveying the boundaries of the mining claims of John A. Forbes and
John McKinzie, known as the Standard
and Fraction, 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

Horton D. Forrest, Chairman.
Samuel Keast, Chainman.
Horton D. Forrest, Axman.
Samuel Keast, Flagman.

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

this 9th day of June, 1900

R. C. Powers
 Notary Public

FINAL OATH OF U. S. DEPUTY MINERAL SURVEYOR

I, R. C. Powers, U. S. Deputy Mineral Surveyor, do solemnly swear that, in pursuance of instructions received from the United States Surveyor General for Arizona, dated April 16th 1900, 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 John A. Forbes and John McKenzie, known as the "Standard" and "Fraction", situate in Pine Grove Mining District, Yavapai County, unsurveyed lands Section , Township No. , Range No. and designated as Survey No. 1472, 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.

R. C. Powers
U. S. Deputy Mineral Surveyor.

Subscribed and sworn to by the said R. C. Powers
U. S. Deputy Mineral Surveyor, before me Ziba O. Brown a Notary
Public in and for Yavapai County, A. S. this 26th
day of June 1900.

Ziba O. Brown
Notary Public



Affidavit of Five Hundred Dollars Improvements.

We, Marion D. Forrest, and Thomas A. Dunbar
of lawful age, being first duly sworn according to law, depose and say: that we are
acquainted with the Standard and Fracture mining claims, situate
in Pine Grove Mining district, Yavapai County,
Arizona Territory, for which John A. Farber and John
McKinzie
have 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^s and their grantor exceed Five Hundred
for each claim
Dollars in value, and further that we are not personally interested in said mine.

Marion D. Forrest

Thomas A. Dunbar

TERRITORY OF ARIZONA,
County of Yavapai } ss:

Sworn to and subscribed before me, this 9th
day of June, 1890

R. C. Powers
Notary Public

My Commission Expires }
Jan 26 1894 }

FRACTION.

NOTICE OF MINING LOCATION.
Lode Claim.

TO ALL WHOM IT MAY CONCERN:

This mining claim, the name of which is the Fraction 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 John McKinzie and John A. Forbes, the undersigned, on the 24th day of April 1899.

The length of this claim is Three Hundred and Sixty-one feet and we claim One Hundred feet in a Northerly direction and Two Hundred and Sixty-one feet in a Southerly direction from the center of the discovery shaft, at which this notice is posted, together with Three Hundred 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 South 18° West to the North 18° East.

The claim is situated and located in the Pine Grove Mining District, in Yavapai County, in the Territory of Arizona, and about One half mile in a North 50° East direction from the Buster Mill & Mining Camp and occupies all the ground between the Standard and Mohawk Mining Claims.

The surface boundaries of the claim are marked upon the ground as follows: Beginning at a monument of stone at a point in a Southerly direction Two Hundred & Sixty-one feet from the discovery shaft (at which this notice is posted), being in the center of the South end line of said claim; thence South 85° 30' East 300 feet to a monument of stone, being the South East corner of said claim; thence North 18° East Three Hundred and Sixty-One feet to a monument of stone being at the North East corner of said claim; thence Westerly 300 feet to a Monument of stone at the center of the North end of said claim; thence Westerly 300 feet to a Monument of stone, being the North West corner of said claim; thence Southerly 361 feet to a monument of stone at the South West corner of said claim; thence Easterly 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 24th day of April, 1899.

John A. Forbes
John W. McKinzie

Filed and recorded at request of T.C. Williams, July 3rd A.D. 1899, at 2:46 o'clock p.m. in Book 52 of Mines, page 203, Records of Yavapai County, Arizona.

(Seal)

W.I. Johnson,

County Recorder.

By E.C. Averyt, Deputy.

TERRITORY OF ARIZONA,)
COUNTY OF YAVAPAI.) SS:

I, W.I. JOHNSON, County Recorder in and for said County, in said Territory, and custodian of the records thereof, do hereby certify that I have compared the above and foregoing with, and the same is a full, true and correct copy of the Notice of Location of the "Fraction" Mining Claim, as the same appears of record in Book 52 of Mines, page 203, records of Yavapai County, Arizona.

In Witness Whereof, I have hereunto set my hand and affixed my Official Seal, this 12th day of Dec. 1899.

W.I. Johnson
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,

Tucson, Arizona

August 1, 1900

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 John A. Forbes and John McKinnis

....., known as the

Standard and Fraction

situate in Pine Grove mining district,

Yavapai County, Arizona,

in Section unsurveyed, Township No. 11 N., Range No. 2 E. Approxi-

....., designated as Survey No. 1472.

executed by R. C. Power, U. S. Deputy Mineral

Surveyor, June 5th, 1900, ~~18~~ , under my instructions dated

April 16, 1900, ~~18~~ , 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.

George Christ
U. S. Surveyor General for Arizona



Storkunk
Unsurveyed

- Fraction -

- Standard -

- Pocahontas -

Unsurveyed

Survey No. 1472
 Standard - Fraction
 Claims. Pine Grove
 Mining Dist. Garopai
 Co. Arizona.
 Surveyed by R.C. Powell
 U.S. Geology Mineral Survey
 Scale 1" = 200'



Cot. No. 1
 Cot. No. 2
 Cot. No. 3
 Cot. No. 4
 Cot. No. 5
 S. 85° 30' E. 600'
 S. 85° 30' W. 600'
 N. 4° 20' E. 1500'
 S. 4° 30' W. 1500'
 N. 6° 30' W. 476'
 S. 6° 30' W. 476'
 N. 15° 35' W. to U.S. L.M. N. 1472
 522 ft
 Ledge bts N. 4° 20' E. 1500'
 Disc. found 477.187
 Ledge bts N. 6° 30' W. 500'
 476 x 12
 200'