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(4-683.)

Mineral Survey No. 966

Lot No. 71.

Prescott Land District.

FIELD NOTES

OF THE SURVEY OF THE MINING CLAIM OF

Commercial Mining Company.

KNOWN AS THE

"Smith"

Massayampa Mining District,
Maricopa County, Arizona.

Section _____ Township 12 N Range 2 W

Surveyed under instructions dated April 23, 1891

by C. B. Foster

U. S. Deputy Mineral Surveyor.

Claim located August 20th 1886.

Survey commenced August 5. 1891.

Survey completed August 5. 1891.

PRELIMINARY OATHS OF ASSISTANTS IN SURVEY OF MINING CLAIM.

We, M. J. Fitzgerald and W. J. Benton, 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

Commercial Mining Company, known as the Smith

situate in Navajo mining district, Navajo County, Arizona, in Section _____, Township No. _____, Range No. _____.

C. D. Foster

M. J. Fitzgerald, Chainman.
W. J. Benton, Chainman.

Subscribed and sworn to by the above-named persons before me this 5th day of August, 1891.

C. D. Foster
Notary Public

I, M. J. Fitzgerald, 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

Commercial Mining Company known as the Smith, more fully described in the preceding affidavit.

C. D. Foster

M. J. Fitzgerald, Axeman.

Subscribed and sworn to by the said M. J. Fitzgerald before me this 5 day of August, 1891.

C. D. Foster
Notary Public

I, W. J. Benton, 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

Commercial Mining Company known as the Smith, more fully described in the preceding affidavit.

C. D. Foster

W. J. Benton, Flagman.

Subscribed and sworn to by the said W. J. Benton before me this 5 day of August, 1891.

C. D. Foster
Notary Public

Field Notes
 of the Survey of the
 Smith Mining Claim
 Situate in
 Hualapai Mining District
 Yavapai County, Arizona.
 Claimed by the
 Commercial Mining Company.

Surveyed by C. B. Foster U.S. Deputy
 Mineral Surveyor under instruc-
 tions from the U.S. Surveyor
 General of date April 23rd 1891

Survey Commenced Aug 5 1891
 " Completed " 5 1891

Foot

Description of Survey
 Beginning at the Initial Mon.
 Mentioned in location notice and
 marking the S end center of claim
 where I mark I. M. S. No 1 on the
 point at the extreme north end
 of a granite boulder or ledge
 extending about 40 ft long by
 12 ft wide at its S. end and
 on N side of said marked point
 build mound of stones
 A Pine 18 ins. dia. bro. N 30° E 11 1/2 ft.
 " " 12 " " " S 12° W 44 ft.
 Trees blazed and marked I. M. S. No 1 B. T.
 U. S. Min. Mon. No 1. bro N 70° 27' E 47 1/4 ft.

Thence S 48° 30' E
 Va 14° 2' East
 300 to loc. mon. where I set a granite
 stone 24 x 18 x 10 ins. 1 ft in ground
 and surround same with
 Mound of stones

42

Put Stone is marked S. No. 2.
A Pine 24 ins. dia. brs. S 20° E. 30 ft.
" " 20 " " " N 43° W 42 ft.
Trees blazed and marked S. No. 2. B.T.

Thence N 41° 30' E

Va 14° 2' East

545 to tramway 1500 ft long brs. N.W. and S.S.E.
820 to S.W. end line of Cascade Mining
Claim Lot No 68 where I set a
granite Stone 18x12x10 ins 1 ft in ground
and surrounded same with mound of stones.
Stone is marked S. No 3

An Oak 10 ins. dia. brs. N 38° W 17 ft.
" " 9 " " " S 30° W 28 ft.
Trees blazed and marked S. No. 3. B.T.
original loc. mon. brs. N 41° 30' E 680 ft
and is within the boundary lines of
said Cascade M.C. Lot No 68.

Thence N 41° W

Va 14° 2' East

284.6 to Mon. C. No. 7. Marking I end
Center to Cascade M.C. Lot No 68
302.6 to Head Center of Claim where I
set a granite Stone 20x18x12 ins.
1 ft. in ground and surrounded
same with mound of stones.
Stone is marked S. No 4

An Oak 6 ins. dia. brs. N 5° E 5 ft.
" " 4 " " " S 31° E 17 ft.
Trees blazed and marked S. No. 4 B.T.
original loc. mon. brs. N 41° 30' E 641
and is within the boundary lines
of said Cascade M.C. Lot No 68

Thence N 41° W (same course)

Va 14° 2' East

19 to road to Mill brs. E.N.E. and S.W.
120 to boiler room of Ten Stamp
quartz Mill fully equipped and
in operation. The building is

Fut

- of frame in the shape of a cross
 140 ft long by 50 ft wide N.E. and S.W.
 and 125 ft long by 60 ft wide N.W. and S.E.
- 147 leave boiler room of Mill
 225 to road hrs N.W. and S.W. E.
 235 to Hurray ampa Creek floors S.W.
 273 to road hrs N.E. and S.W.
 287 to Mon. C. No. 6 marking S.W. cor
 to Cascade M. C. Lot, No. 68.
 300 to point where I set a granite stone
 18 x 14 x 10 ins. 1 ft in ground and
 surrounded same with mound of stones.
 Stone is marked S. No. 5.
 original loc. mon. hrs N41° 30' E 60.5 ft.

Thence S 41° 30' W

Va 14° 2' East.

- 45 to road hrs. N.E. and S.W.
 120 to S.W. Cor. Company's office
 a frame building extending N.E.
 60 ft long by 27 ft wide.
 308 to Hurray ampa Creek floors W.S.W.
 857.5 to point where I set a granite stone
 16 x 10 x 8 ins 1 ft in ground and
 surrounded same with mound of stones
 Stone is marked S. No. 6.
 An Oak 8 ins. dia. hrs. N40° W 23 ft
 " Aspen 6 " " " S 39° E 30 ft.
 trees blazed and marked S. No. 6. 18.9.
 Original loc. mon. hrs. S 45° W 39 ft.

Thence S 41° E

Va 14° 2' East

- 150 to trail hrs N.E. and S.W.
 300 to Initial Mon. I. M. S. No 1
 place of beginning

Location

This claim is located about
 one thousand feet South west
 of the junction of Hurray ampa
 Creek with Maple Gulch creek.

It is contiguous to the Silver Trail M.C. on the southerly end and the Cascade M.C. Lot No 68 on the northerly end and is adjacent to the Bridge M.C. on the NW side; all in Hassayampa Mining District and on unsurveyed lands.

Area

Total and net area of claim 11.65 Acres

Improvements

Made upon the claim by claimant or grantors consist of a tunnel 500 ft long by 7 x 5 ft. Mouth of said tunnel bears N 32° E 655 ft from Mon. I.M. 3 No 1. A blacksmith shop at mouth of said tunnel a frame building 30 x 40 ft. A ten stamp Quartz Mill. I hereby certify that the value of said improvements exceeds the sum of five hundred dollars.

There have been no improvements made by other parties on this claim.

Instruments used a Geoly Transit and 50 ft. Steel Chain

Var and Courses obtained by observation of Polaris.
Aug 5 1891

C. P. Foster
US Deputy Mineral Surveyor

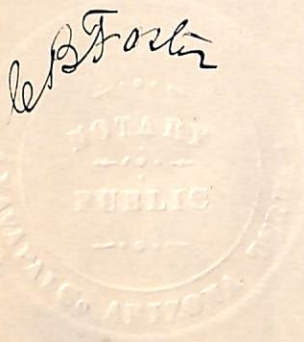
Affidavit of Five Hundred Dollars Improvements.

We, W. J. Denton and M. J. Fitzgerald
of lawful age, being first duly sworn according to law, depose and say: that we are acquainted with the
Smith mining claim, situated in
Hassayampa Mining District, Yavapai County,
Arizona Territory, for which Commercial Mining
Company
has 2 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 it and its grantor 5 exceed Five Hundred Dollars in value, and further that we are not
personally interested in said mine.

W. J. Denton
M. J. Fitzgerald

TERRITORY OF ARIZONA,
County of Yavapai } ss.

SWORN to and subscribed before me, this 5 day
of August 1891



C. B. Foster
Notary Public

FINAL OATHS FOR SURVEYS.

LIST OF NAMES.

A list of the names of the individuals employed by C. B. Foster
 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 Commercial Mining Company
 known as the Smith
 and showing the respective capacities in which they acted.

M. J. Fitzgerald, Chainman.
W. J. Benton, Chainman.
M. J. Fitzgerald, Axman.
W. J. Benton, Flagman.

FINAL OATHS OF ASSISTANTS.

We, M. J. Fitzgerald
 and W. J. Benton, do solemnly swear that we assisted C. B. Foster
Foster, United States Deputy Mineral Surveyor, in marking the corners and
 surveying the boundaries of the mining claim of
Commercial Mining Company
Smith, known as the
Smith, 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

M. J. Fitzgerald, Chainman.
W. J. Benton, Chainman.
M. J. Fitzgerald, Axman.
W. J. Benton, Flagman.

Subscribed and sworn to by the above-named persons before me
 this 5th day of August, 1891.

C. B. Foster
 Notary Public

C. B. Foster



FINAL OATH OF U. S. DEPUTY MINERAL SURVEYOR.

I, C. B. Foster, U. S. Deputy Mineral Surveyor, do solemnly swear that, in pursuance of instructions received from the United States Surveyor General for Arizona, dated April 23rd, 1891, 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 Commercial Mining Company, known as the Smith, situate in Assayampa Mining District, Yavapai County, Arizona, in Section , Township No. , Range No. , and designated as Survey No. 966. Lot No 71., 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.

C. B. Foster
U. S. Deputy Mineral Surveyor.

Subscribed and sworn to by the said C. B. Foster,
U. S. Deputy Mineral Surveyor, before me D. J. Mitchell
a Notary Public this eighteenth
day of August, 1891.

D. J. Mitchell
Notary Public



SMITH

NOTICE OF LOCATION.

Know all men by these presents: That the undersigned have this day located fifteen hundred (1500) linear feet of this vein or lode bearing precious metals with all dips, spurs angles and variations with surface ground Three Hundred (300) feet on each side of the centre of vein, with all Mineral Deposits contained therein, and all Timber growing within the limits of said claim and all Water and Water privileges thereon or appurtenant thereto under and according to the provisions of the Mining Laws of the United States under which it is located.

This claim commences at this Monument and Notice placed upon the ledge and runs Fifteen Hundred (1500) feet in a Northerly direction along the ledge.

The Exterior boundaries are as follows viz:

Commencing at this monument and notice and running Three Hundred (300) feet in a easterly direction to monument at S.E. corner of claim, thence in a Northerly direction parallel with the ledge Fifteen Hundred (1500) to monument at N.E. corner of claim: thence in a Westerly direction at right angles across the ledge Six Hundred (600) feet to monument at N.W. corner of claim, thence parallel with the ledge in a Southerly direction Fifteen Hundred (1500) feet to monument at S.W. corner of claim thence at right angles across the ledge in an easterly direction Three Hundred (300) feet to monument upon the ledge and place of beginning.

This claim may be more generally described as situated near to Hassayampa Creek and is the first Northely extension

TERRITORY OF ARIZONA,)
- County of Yavapai.) ss.

11

I, CHARLES H. AKERS, County Recorder in and for said County and 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 "Smith" claim, located in the Hassayampa Mining District, Yavapai County, Arizona, and of record in Book 22 of Mines, at pages 527 & 528.*

Records of Yavapai County, Arizona.

In Witness Whereof, I have hereunto set my

hand and affixed my official seal this *6th*

Day of *April* A. D. 18*91*

Charles H. Akers

County Recorder.

of the Silver Trail running Northerly from the Silver Trail to a point within a Hundred Feet of the Bridge that crosses the Hassayampa Creek on Peck Road in Hassayampa Mining District Yavapai County Arizona Territory and shall be known as ~~t~~he Smith Mining Claim

Dated on the ground Saturday 20th day of August 1886.

F.M.Murphy

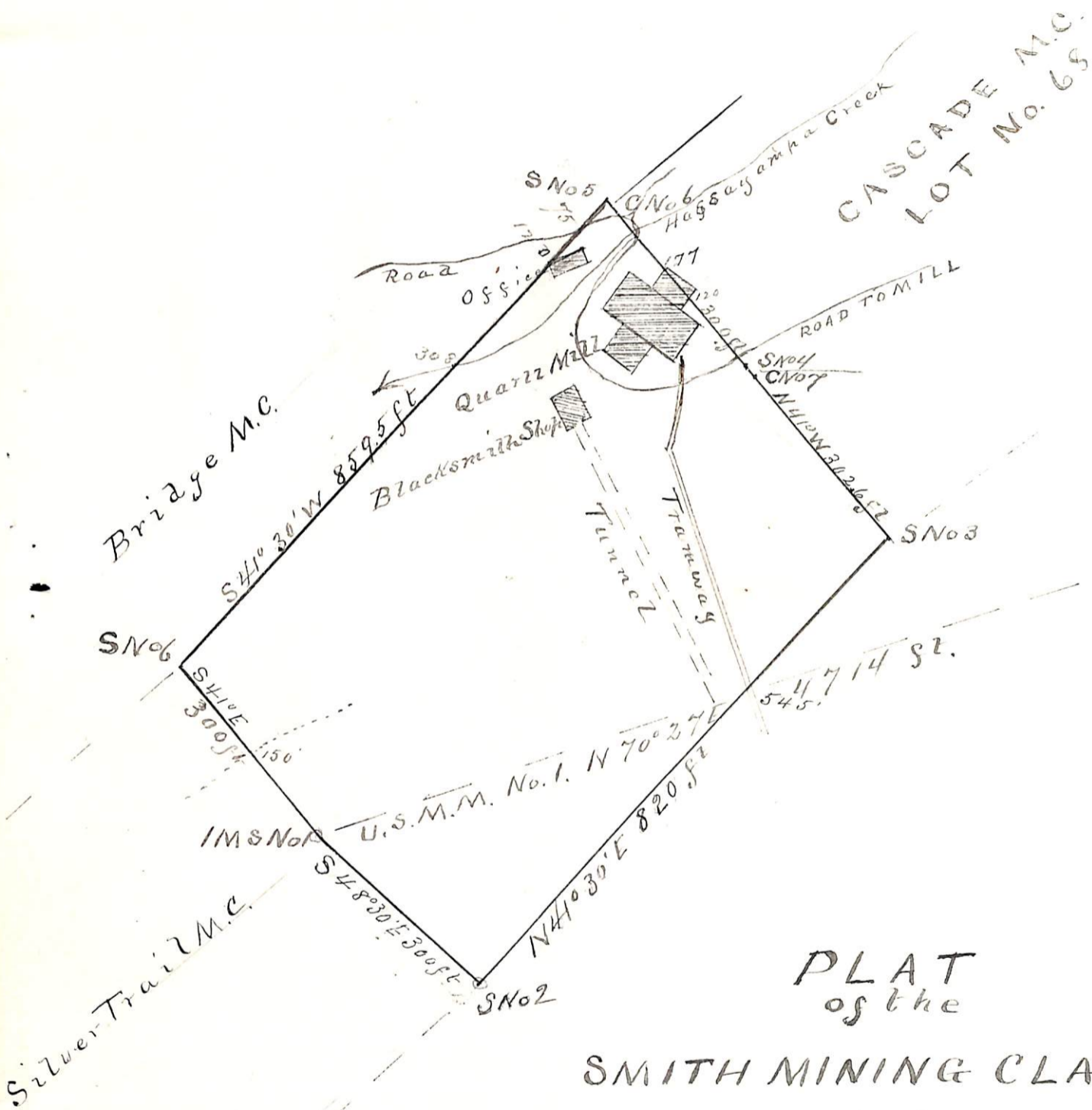
N.O.Murphy

Filed and Recorded at Request of F.M.Murphy Oct 19th 1886 at 9.0'clock A.M.in Book 22 of Mines at pages 527 & 528.

Records of Yavapai County Arizona.

William Wilkerson

County Recorder



PLAT
of the

SMITH MINING CLAIM

Hassayampa Mining District

Yavapai Co. Ariz.

claimed by

Commercial Mining Co.

Surveyed by C.B. Foster U.S.D.S.

Aug 5 1891

Contains 11.70 Acres

va 14° 2' E Scale 200 ft to 1 in

(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,

Mesa, Arizona
November 3, 1891.

I, U. S. Surveyor General for *Arizona Territory,*

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

Survey of the Mining Claim of

Commercial Mining Company
" *Smith* " , known as the

situate in

Hassayampa mining district,
Yavapai County, *Arizona*

in Section

, Township No.

, Range No.

and designated as Survey No. *966. Lot No 71.*

executed by

C. B. Foster, U. S. Deputy Mineral

Surveyor,

August 5th, 18*91*, under my instructions dated

April 23rd, 18*91*, 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.

Rupert Johnson

U. S. Surveyor General for

Arizona

o 6-102