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LOT NO. 50

SURVEY NO. 500

Field Notes

of the survey of the

Bluff

Mining Claim

Situate in Harshaw mining district.

County of Prima and in Sec _____, Tp 23 S.

Range 16 E, of the Gila and Salt River Meridian.

ARIZONA.

Claimed by The Harshaw Mining Company of
New York

Survey executed by Wm. S. Edwards as D. S.

Under instructions dated July 9 1880

Survey commenced April 27 1883

Survey completed April 27 1883

PRELIMINARY OATHS FOR SURVEYS OF MINING CLAIMS AND MILL SITES.

WE, Jos. G. Best and Edw. S. Oakes
do solemnly swear that we will faithfully execute the duties of Chain Carriers; that we will level the chain upon uneven ground, and plumb the tally pins, whether by sticking or dropping the same; that we will report the true distance to all notable objects, and the true lengths of all lines that we assist in measuring, to the best of our skill and ability.

J. G. Best
E. S. Oakes

SWORN AND SUBSCRIBED before me this 26th
day of April 1883

J. H. Linn
Notary Public

I, Francis A. Lamont & Myron D. Cooley
do solemnly swear that I will well and truly perform the duties of Assessor and
Flag man according to instructions given me, and to the best of my skill and ability.

F. A. Lamont
My D. Cooley

SWORN AND SUBSCRIBED before me this 26th
day of April 1883

J. H. Linn
Notary Public



Field Notes
of the

Survey of
the

Bluff Mining Claim
Harshaw Mining District
Pima County A. S.

Claimed by

The Harshaw Mining Co.
of New York

Surveyed April 27th 1883

Under instructions from
the U. S. Surveyor General

Dated July 9th 1880

Wm. J. Edwards
U. S. Dep. Min. Surveyor

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Field Notes of the Official Survey of

the Bluff Mining Claim Harshaw
Mining District Pinal Co. A.T.

Survey Commenced April 27th 1883.

Instrument used

Beff and Berger Transit No 235
four inch magnetic needle, Com-
pass Circle graduated to thirty
minutes - Outer Circle six inches
in diameter graduated to fifteen
minutes, reading by two verniers
to single minutes

Magn. Variation
13° - 40' E

By observation on α Urs. Min. at
Eastern Elongation

Commence at the West
corner of claim, which is also
the East corner of the Hermosa
Mining claim, marked by a
stake set in a monument of
rock, which I replace with
a 4x4 inch pine post four
feet long set on the solid
rock marked on two sides
H.M.C. E.C. No 1 - B.M.C.W.C. No 1

surrounded by a monument of
rock. From this point a juniper
tree 24 in. diam. blazed and marked
H.M.C. E.C. No 1 - B.M.C.W.C. No 1

bearing 65° N dist. 16.4 feet
A white Oak tree with two trunks
14x12 ins. diam blazed + marked
H.M.C. E.C. No 1 - B.M.C. W.C. No 1

bearing 54° E. distant 56.5 feet
From this corner I run

Field notes of the Official Survey of the
Bluff Mining Claim, Harshaw

Mining District Pima Coy. A. T.

N. 30° - 55' E

- 50 ~~Blacksmith shop brass~~
 - 100 ~~distant 65 feet~~
 - 100 Cross trail to Protection Tunnel
 - 300 Ground descending
 - 300 To the North West corner of claim and the North East corner of the Simasa Mining claim Lot No 49 marked by a stake set in a monument of rock, which I replace by a 4x4 inch pine post five feet long, set one and one-half feet in the ground marked B.M.C. N.W. No II H.M.C. N.E. No II surrounded by a monument of rock four feet at base and two feet high - A White Oak tree blazed and marked B.M.C. N.W. No II H.M.C. N.E. No II brass f. 72° - 10' 34" distant 41 feet. Black Oak tree blazed & marked B.M.C. N.W. No II H.M.C. N.E. No II brass f. 7° - 50' E distant 55.7 feet.
- From this corner I run

S. 80° - 15' E.

var 13° - 40' E

- by forward and back sight
- Ground descending
- 750 On Road from Protection Tunnel to Mill
- 900 Cross Gulch and Ascend Gulch runs southerly
- 1500 To the North East corner of claim marked by a stake set in monument of rock which I replace by a 4x4 inch pine post five feet long set one & one-half feet in the

Field Notes of the Bluff Mining

First claim Harshaw Ill. Dis. Pima Co., A.S.

ground marked B. M. C. N. E. N^o III surrounded by a monument of rock four feet at base and two feet high. A black Oak 10 ins. in diam blazed & marked B. M. C. N. E. N^o III bears S. 60°-20' E. distant 27.2 feet - No other trees near. From this corner I run

S. 3°-55' E.
Var. 13°-40' E.

By forward & back sight

Ground ascending

200
300

Top of raise
To the East Center of claim marked by a stake set in a monument of rock, which I replace by a 4x4 inch pine post five feet long set one and one half feet in the ground marked B. M. C. N. Cen. N^o IV surrounded by a monument of rock four feet at base and two feet high. No trees near. From this corner I run on same course

S. 3°-55' E.
Var. 13°-40' E.

By forward & back sight

55

Head of small Gulch running North West

75
300

Cross Andrews' Toll-road
To the South East corner of claim marked by a stake set in a monument of rock which I replace by a 4x4 inch pine post five feet long set one & one half feet in ground

Field notes of the Official survey of

Foot the Bluff Mining claim, Hamsaw Mining District, Pima Co. A. S.

marked B. M. C. S. E. N^o V surrounded by a monument of rock four feet at base and two feet high no trees near
From this corner I run

N. 80° - 15 1/2 W
Var 13° - 40 E.

by forward and back sight

345 Ground descending to Gulch
Cross Himsaw Gulch above
where it is joined by the
Protection Gulch

1460 Cross the road from bin to
Mill

1500 To the South West corner of
claim which is also the South
East Corner of the Himsaw Mining
Claim ^{Lot 920 49} marked by a stake set
in a monument of rock, which
I replace by a 4x4 inch Pine
post, marked B. M. C. S. W. N^o VI
H. M. C. S. E. N^o VI, five feet long
set one and one-half feet in
the ground & surrounded by a
monument of rock four feet at
base and two feet high a white
Oak tree 10 in. diam blazed & marked
B. M. C. S. W. N^o VI - H. M. C. S. E. N^o VI
bearing N 56° E dist. 7 feet - white
Oak 15 ins diam, blazed & marked
B. M. C. S. W. N^o VI - H. M. C. S. E. N^o VI
bearing S. 45° E. distant 58 feet
a Juniper tree 14 ins. diam.
Blazed & marked B. M. C. S. W. N^o VI
H. M. C. S. E. N^o VI bearing S. 58° 10 1/2 W
distant 25 feet.

From this corner I run

Field Notes of the Official Survey of the

Bluff Mining Claim Harshaw,
Mining Dist. Pima Coy. A.T.

N. 3 - 55' W.
Var 13 - 40 E.

by forward & back sight

- 50 Cross Protection Gulch running East by North & over road
- 100 Cross trail from Protection Tunnel to Blacksmith shop
- 300 To the West Centre of claim and the place of beginning

Containing $20 \frac{07}{100}$ Acres

From the North West corner of claim the U.S. Min. Monument No 1 bears N 73° - 16' W distant 1732 feet

Location of Works

Commences at the Initial monument and runs
S. 80° - 15' E.
Var. 13° - 40' E.

- 50 Shaft 52 feet deep with cross cuts and drifts from bottom

This work was done by the present owners or their grantors and I hereby certify that the value of said improvements exceeds the sum of five hundred dollars

General Description

This claim lies to the East of the Hermosa Mining Claim Lot No 49 and is joined on the North by

Field Notes of the Survey of the

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Bluff Mining Claim Harshaw,
Mining District Pima Co. A. T.

The Revolution No 2 It is
cut on the East end by the
Hormosa Gulch & the Protection
Gulch runs along the South
side of claim

The East end of claim is com-
paratively bare where the
balance of the claim has a
good growth of Oak, Juniper
and manzanita

The claim is situated about
one-quarter of a mile South
East from the town of Harshaw

Thos. Edward

U. S. Dep. Min Surveyor

Survey Completed April 27th 1883

FINAL OATHS FOR SURVEYS OF MINING CLAIMS ~~AND~~ MILL SITES.

A LIST of the names of individuals employed to assist in running, measuring, or marking the lines and corners described in the foregoing field-notes of the survey of The Bluff Mining claim located in Hanshaw Mining District, Pima County, Arizona, showing the respective capacities in which they acted

- Gas G. Best Chainman.
- Eben S. Oakes Chainman.
- Francis A. Samont Axeman.
- Myron D. Cooley Flagman.

WE hereby certify that we assisted Thos. J. Edward U. S. Deputy Surveyor, in surveying The Bluff Mining claim claimed by The Hanshaw Mining Co. of New York located in Hanshaw Mining District, Pima County, and in Township No — Range No — of the Gila and Salt River base and meridian, Arizona, and that said Survey has been in all respects, to the best of our knowledge and belief, well and faithfully executed, and the boundary monuments planted according to the instructions furnished by the Surveyor General.

- J. G. Best Chainman.
- E. S. Oakes Chainman.
- F. A. Samont Axeman.
- W. D. Cooley Flagman.

SWORN TO AND SUBSCRIBED before me this 27th day of April 1883.

J. H. Turner
Notary Public

I, Thos. J. Edward U. S. Deputy Surveyor, do solemnly swear that, in pursuance of instructions from John Wasson, U. S. Surveyor-General for Arizona, bearing date the 9th day of July 1883, I have well, faithfully and truly, in my own proper person, and in strict conformity with the instructions furnished by the Surveyor-General and the laws of the United States, surveyed all those portions of Bluff Mining claim claimed by The Hanshaw Mining Co. of New York located in Hanshaw Mining District, Pima County, Arizona, as are represented in the foregoing field-notes as having been surveyed under my directions; and I do further solemnly swear that all the corners of said surveys have been established and perpetuated in strict accordance with the instructions furnished me, and that the foregoing are the true and original field notes of such surveys.

Thos. J. Edward Deputy Surveyor.

SWORN TO AND SUBSCRIBED before me this 27th day of April 1883.

J. H. Turner
Notary Public
Citizen Print.

AFFIDAVIT OF FIVE HUNDRED DOLLARS IMPROVEMENTS.

We, Myron W. Cooley and Francis A. Lamont
of lawful age, being first duly sworn according to law, depose and say that we are acquainted with
the Bluff
_____ mining claim, situate in Harshaw
_____ Mining District, Pima County, Arizona
Territory, for which The Harshaw Mining Co of New York
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 its grantors exceed Five Hundred Dollars in value, and further that we are
not personally interested in said mine.

Myron W. Cooley
F. A. Lamont

TERRITORY OF ARIZONA, }
County of Pima } SS.

SWORN AND SUBSCRIBED before me this 27th
day of April 1883

J. H. Turner
Notary Public

"Bluff Mine"

Location Notice. Notice is hereby given that the undersigned in compliance with the requirements of the Mining act of Congress approved May 10th 1872 have this day located and claim Fifteen hundred linear feet along the course of this lead lode or vein of mineral bearing quartz and three hundred feet in width—on each side of said the middle of said lead lode or vein situated in the Harshaw Mining District County of Pima Arizona and more particularly described as follows to wit

Commencing at this monument of stones being the center of the westerly end of claim and upon which this notice is posted thence Northerly 300 feet to a monument of stones thence Easterly fifteen hundred feet to a monument of stones thence southerly three hundred feet to a monument of stones being the center of the easterly end of claim thence southerly three hundred feet to a monument of

stones thence westerly fifteen hundred feet to a monument of stones thence northerly three hundred feet to the place of beginning.

This claim is adjoining and East of the Kernosa Mine located and shall be known as the Bluff Mine Located July 2nd A.D. 1879.

Samuel Hughes
H. S. Stevens

Filed and Recorded at Request of
M. S. Edwards July 9 A.D. 1879 at
10.30 a.m.

S. Marpenter

County Recorder

By Hanson Thomas
Deputy

Territory of Arizona 35.5.
County of Pima 35.5.

S. Marpenter

County Recorder in and for the
County of Pima do hereby certify
that the above and foregoing is
a full true and correct Copy of
the Location Notice of the Bluff
Mine as appears of Record now
in my Office at Tucson in Pima

"F" Records Mines pages 400 & 401
In Witness whereof I
have hereunto set my
hand and affixed my
Official seal this the
8th day of July A.D. 1880
J. M. Carpenter
County Recorder

Survey 500

Plat -

Bluff Mt. Claim

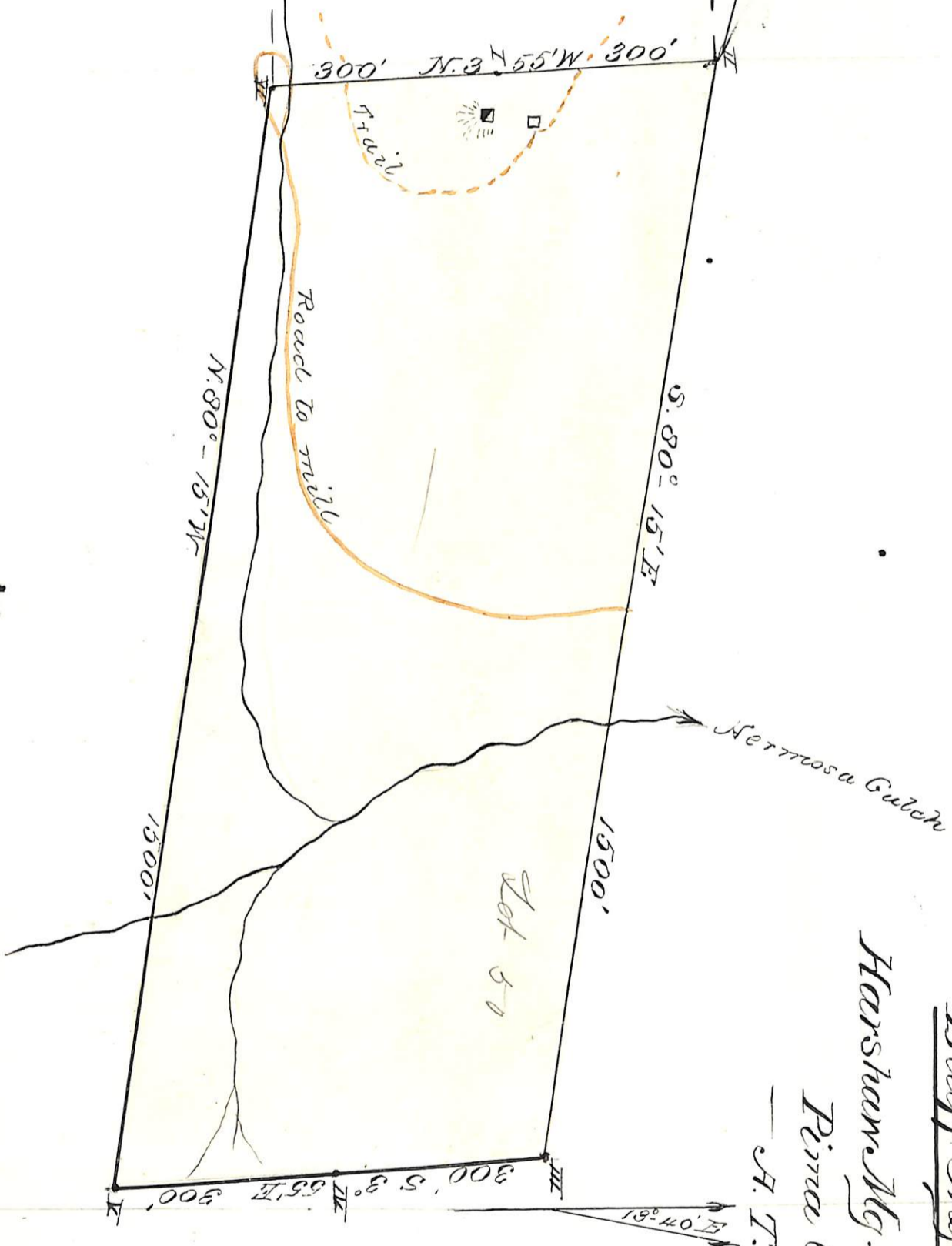
Harsham Mt. District

Pima Co.

A. T.

Hermosa
Lot 91049

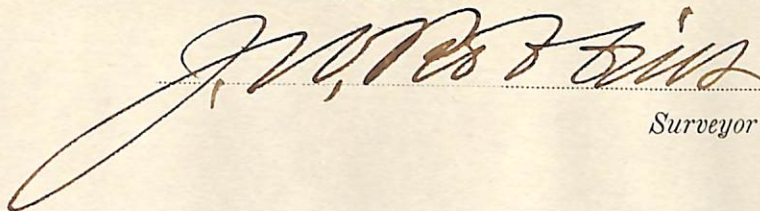
U.S. M. M. No. 1
N. 70° 16' W. 1732 f.e.



U. S. Surveyor General's Office.

Tucson, Arizona, June 5th 1883

The foregoing field notes of the survey of the "Bluff"
 Mining Claim situate in
 the Harshaw Mining District, Pima
 County, Arizona, claimed by The Harshaw Mining
 Company
 survey executed by Wm. S. Edwards Deputy
 Surveyor, under instructions from this office, having been critically examined
 and the necessary corrections and alterations made, the said field notes and
 the survey they describe are hereby approved.


 Surveyor General.