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LOT NO. 38

Field Notes.

of the survey of the

Undine

Mining Claim

Situate in Hartford mining district

County of Pima and in Sec. 21, T^p 23S

Range 20E, of the Gila and Salt River Meridian.

Arizona.

Claimed by the

Quachuca Mining & Smelting
Company.

Survey executed by W. G. Howe D. S.

Under instructions dated February 2nd & 23, 1881.

Survey commenced February 25, 1881.

Survey completed February 27, 1881.

PRELIMINARY OATHS FOR SURVEYS OF MINING CLAIMS
AND MILL SITES.

WE, Lawrence Nordhoff and W. J. Mason,
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.

Lawrence Nordhoff
W. J. Mason

SWORN AND SUBSCRIBED before me this Twenty fifth
day of February 1881

A. L. Howe,
Notary Public.

I,
do solemnly swear that I will well and truly perform the duties of
according to instructions given me, and
to the best of my skill and ability.

SWORN AND SUBSCRIBED before me this
day of 18

Andine

The Field Notes of the Undine Mining

Claim, Hartford District Pima
County Arizona.

Survey Commenced Feb 25th 1881.
" Completed Feb 27th 1881.

I find from Observations of Polaris
Feet. the variation to be $11^{\circ} 45'$ East.

Commencing at the initial m-
onument of the claim as per notice
of location where, I set a hewed
Pine stake 4x4 inches 5ft long, in
monument of stone stake marked
U. M. C. No 1.

From which, ^{U.S. min. mon. No 1. H.D. bears} a Pine Tree (blazed) $55^{\circ} 45'$ E. 1480ft.
bears south 5ft distant.

A shaft 4x6ft - 12ft deep bears $88^{\circ} E$
9. ft distant.

I then run $N 35^{\circ} 10' W$.

bar $11^{\circ} 45' E$

250. A shaft 4x6ft 35ft deep 60ft to
left of line.

715. To the N. West center end monument
where I set hewed Pine stake 4x4
inches 5ft long in monument of
stone stake marked U. M. C. No 2,
from which a Pine ^{reg} 3 inches diam-
eter bears $N 87^{\circ} E$ 19ft 6 ino distant.
Another Pine 33 inches diameter bears
 $S 42^{\circ} 15' W$ 45ft distant.

I then run $S 58^{\circ} 30' W$

bar $11^{\circ} 45'$ East

300. To the N.W corner of claim where I
set hewed oak stake 4x4 inches
5ft long, in monument of stone,
stake marked U. M. C. No 3, from
which a Pine 24 inches diameter
(blazed) bears north 30ft distant.
I then run $S 35^{\circ} 20' E$

bar $11^{\circ} 45'$ East

1500 To S.W. corner where I set hewed

4 1 2

Field Notes of the Survey of the Undine

Mining Claim Hartford District
Pima County Arizona.

Feet.

Stake 4x4 inches 5ft long in mon-
ument of stone. Stake marked
U. M. C. No 4.

Then run $N58^{\circ}30'E$

Cor $11^{\circ}45'$ East

200. To south east center. End where I set
a stake 4x4 inches 5ft long in mon-
ument of stone. Stake marked
U. M. C. No 5.

from which a Pine ^{tree} 18 inches diameter
bears $S72^{\circ}E$ 10ft distant.

Another Pine (blazed) bears $N69^{\circ}W$
20ft distant.

Then run $N58^{\circ}30'E$

Cor $11^{\circ}45'$ East

200. To S.E. corner of claim where I set a
hewed Pine stake 4x4 inches 5ft
long in monument of stone. Stake
marked U. M. C. No 6.

Then run $N28^{\circ}45'W$

Cor $11^{\circ}45'$ East.

1495 To the NE cor of claim where I set
a hewed stake 4x4 inches 5ft long in
monument of stone. Stake marked
U. M. C. No 7. from which a
Maple ^{tree} 15 inches diameter bears
 $N45^{\circ}E$ 10ft distant.

A Pine 8 inches diameter bears $S47^{\circ}W$
15ft distant.

Then run $S58^{\circ}30'W$.

Cor $11^{\circ}45'$ East.

290. To stake No 2. and place of beginning

Containing 16.95 Acres.

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Field Notes of the Survey of the Undine

Mining Claim. Hartford District
Pima County, Arizona.
General Description.

General Description.

The Undine Mining Claim lies near the head of Pansoy's Canon in the Huachuca Mountains and on the N. West side of the Hill or mountain on which U.S. M. M. No 1, A.D. is situated.

The surface is rolling and rough, and partially covered with timber.

The work done upon this claim as indicated by the foregoing field notes, consists of two shafts, which were sunk by the grantors to the Huachuca Mining and Smelting Company. And I hereby certify that the value of the work done and improvements made upon the claim exceed in value the sum of Five hundred Dollars,

A. G. Howe,
U.S. Deputy Surveyor
of Mineral Lands.

X

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 Undine, Mining Claim, located in The Hartford, Mining District, Pima, County, Arizona, showing the respective capacities in which they acted.

Lawrence Nordhoff Chainman.
W. J. Mason Chainman.
 Axeman.
 Flagman.

WE hereby certify that we assisted H. G. Howe, U. S. Deputy Surveyor, in surveying The Undine, Mining Claim, claimed by The Huachuca Mining and Smelting Co., W. B. Scott, Trustees, located in The Hartford 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.

Lawrence Nordhoff Chainman.
W. J. Mason Chainman.
 Axeman.
 Flagman.

SWORN TO AND SUBSCRIBED before me this 27th day of February, 1881

H. G. Howe,
 Notary Public.

I, H. G. Howe U. S. Deputy Surveyor, do solemnly swear that, in pursuance of instructions from John Wasson, U. S. Surveyor-General for Arizona, bearing date the 23rd day of February 1881, 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 The Undine Mining Claim,

claimed by The Huachuca Mining and Smelting Co., W. B. Scott Agent, located in Hartford 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.

H. G. Howe, Deputy Surveyor.

SWORN TO AND SUBSCRIBED before me this 1st day of March 1881

W. A. Harwood
 Notary Public

Citizen Print.



Undine

undine

AFFIDAVIT OF FIVE HUNDRED DOLLARS IMPROVEMENTS.

We, W. J. Mason, and J. H. Sperry,
of lawful age, being first duly sworn according to law, depose and say that we are acquainted with

the Undine Mining Claim

mining claim, situate in Hartford,

_____ Mining District, Pima County, Arizona

Territory, for which W. B. Scott, Trustee for the Huachuca Mining and Smelting Co.

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

W. J. Mason
J. H. Sperry

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

SWORN AND SUBSCRIBED before me this 27th
day of February, 1881.

Henry G. Howe
Notary Public.
Pima County
A. T.



Udine Mine

Notice of Location. The undersigned claims
 fifteen hundred feet, 1500 in length of this
 mineral bearing lead or lode for mining
 purposes, we claim seven hundred and fifty
 750 feet northward from this notice, and seven
 hundred and fifty 750 feet southward by three
 hundred 300 feet wide on the east side, on the
 west side, the south end is two hundred 200
 feet wide by three hundred (300) feet wide at the
 north end, this claim is bounded by the New York
 claim on the west and eastward from the Hart-
 ford one quarter of a mile, is in Huachuca
 Mountains about 4 miles west of Grids Saw
 mile Pima Co A.T. Aug 8th 1879. This mine
 shall be known as the Udine Mine

Witness

J P Austin
 Robt M Cornwell } Matthew Crocker

Filed and recorded at request of J P Austin
 Sept 17th A.D. 1879, at 3 P.M.

J W Carpenter County Recorder
 by Geo P Reed Deputy

TERRITORY OF ARIZONA, } ss.

County of Pima.

I, Chas. R. Drake, County Recorder in and for the County of Pi-
 ma, do hereby certify that the above and foregoing is a full true and correct copy
 of Notice of Location of the "Udine Mine."

as appears of Record now in my Office in Book 7^r Pages 766.

IN WITNESS WHEREOF, I have hereunto set my
 hand and affixed my official seal, at my office in Tucson
 this 26th day of January A. D. 1881.

Chas R Drake

County Recorder,



Andine Mine

Notice of Location. The undersigned claims
 Eight hundred feet, 1500 in length of this
 mineral bearing lead or ledge for mining
 purposes, we claim seven hundred and fifty
 '750 feet northerly from this notice, and seven
 hundred and fifty '750 feet southerly by three
 hundred 300 feet wide on the east side, on the
 west side, the south end is two hundred 200
 feet wide by three hundred (300) feet wide at the
 north end, this claim is bounded by the New York
 claim on the west and east side from the Hart-
 ford one quarter of a mile, is in Huachuca
 Mountains about 4 miles west of Grids Saw
 mile Pima Co A.T. Aug 8th 1879. This mine
 shall be known as the Andine Mine

Witness } J P Owen
 Robt M Conner } Matthew Crocker

Filed and recorded at request of J P Owen
 Sept 17th A.D. 1879, at 3 P.M.

J W Carpenter County Recorder
 by Geo P Reed Deputy

TERRITORY OF ARIZONA, } ss.
 County of Pima.

I, Chas. R. Drake, County Recorder in and for the County of Pi-
 ma, do hereby certify that the above and foregoing is a full true and correct copy
 of Notice of Location of the "Andine Mine."

as appears of Record now in my Office in Book 7 Pages 766.

IN WITNESS WHEREOF, I have hereunto set my
 hand and affixed my official seal, at my office in Tucson
 this 26th day of January A. D. 1881.

Chas R Drake

County Recorder,



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near the center of the claim,
a post in monument of stone west of a
shaft 8 ft. From which U.S. Mineral Mon-
ument No 1 Hartford district bears $56^{\circ} E$
 1515 ft distant. From this the initial mon-
ument the North West end center monument
bears $N 55^{\circ} 70' West. 767$ ft distant. Thence
 $S 62^{\circ} 30' N. 300$ ft. to stake in monument of stone
for N.W. corner. Thence $S 43^{\circ} - 54' E 1520$ ft.
to stake in monument of stone for the S.W.
corner of claim. Thence $N 62^{\circ} 30' E 200$ ft to the
south center end monument. Thence $N 62^{\circ} 30'$
 $E 200$ ft to the S.E. corner of claim a stake
in monument of stones. Thence $N 37^{\circ} 55' W$
 1480 ft to stake in monument of stones for
the North East cor of claim. thence $S 62^{\circ} 30' W$
 300 ft to the N.W. center end monument and
place of beginning. a copy of this notice is
placed upon the initial monument
of this claim.

The bearings and courses around this
claim were run with a variation of $11^{\circ} 30'$
East. Instrument tested by the established
Standard Meridian at Tombstone, A.T.
Feby 7th A.D. 1881.

Huachuca Mining & Smelting Co
by W B Scott, Trustee

Mine owners:—

The "Undine Mine."

Notice: The undersigned present owner of the mine located and known as the "Undine" Mine situated in Hartford Mining District Pima County, Arizona Territory, located - August 8th 1879, a copy of a notice of which location was recorded in Book "F" Records of Mines of Pima County, page 766 and filed for record September 17th 1879, to which reference is hereby made for greater certainty being desirous of obtaining a patent for said mine and as a preliminary step thereto wishing to have an official survey made thereof by a Deputy United States Mineral Surveyor and the original notice of said location not being sufficiently definite by reference to some natural object or permanent monument as would identify the claim, therefore this notice is now made to be placed upon the said mine and recorded in order to supply in the record of said Mining claim said error of description.

The said Undine Mining Claim is described as follows, commencing at this the Initial monument, situated

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Recorder's Office,

TUCSON, - - Pima Co., A. T.

Filed and recorded at request of

W B Scott

Feb 14/81

A. D. 1881,

at 1035 a M

Book *N Rec of Muns*

Pages *38-9*

W B Drake

County Recorder.

*1035 a M
Feb 14/81
W B Drake*

U. S. Surveyor General's Office.

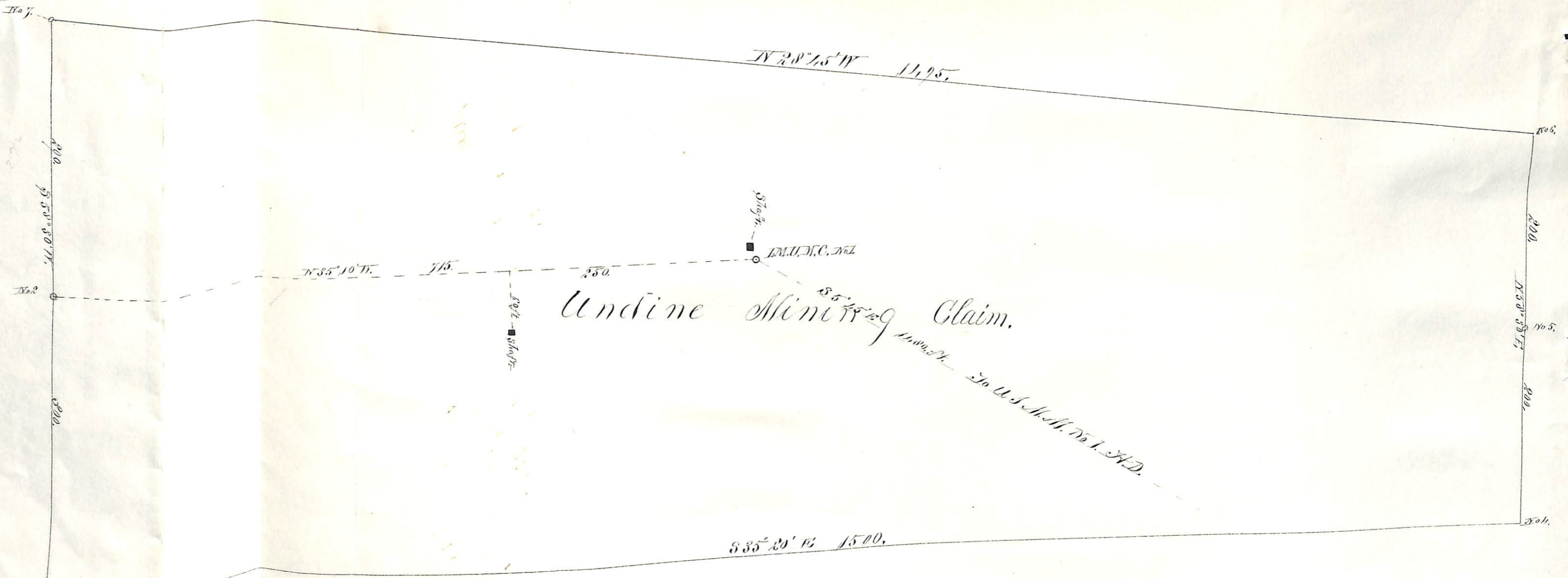
Tucson, Arizona, *March 24*, 1881.

The foregoing field notes of the survey of the *Undine*

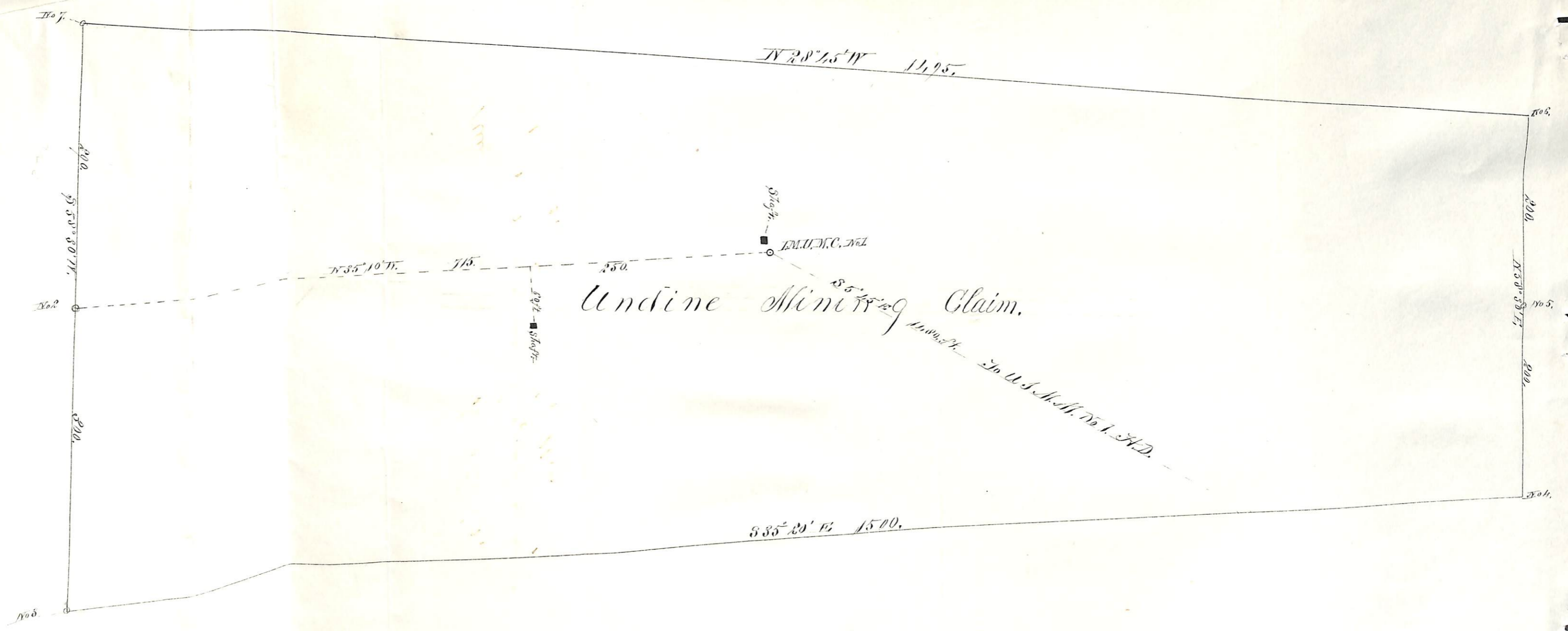
_____ Mining claim *_____* situate in
the *Hartford* Mining District, *Pima*
County, Arizona, claimed by *the Huachuca min-*
ing & Smelting Company;
survey executed by *H. G. Howe* Deputy
Surveyor, under instructions from this office, having been critically examined
and the necessary corrections and alterations made, the said field notes and
the survey they describe are hereby approved. *_____*

John Hesson.

Surveyor General.



Undine Mining Claim.



$N 28^{\circ} 15' W$ 1195.

200
 $S 55^{\circ} 30' W$

No. 2

$N 35^{\circ} 10' W$ 175.

150.

$S 90^{\circ} E$

Undine Mining Claim.

$S 70^{\circ} W$
 E.M.U.C. No. 1

$S 5^{\circ} 45' W$ 1200.
 No. 4

$S 35^{\circ} 20' E$ 1500.

No. 5

200

$N 30^{\circ} 30' E$

No. 5

200

No. 5