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LOT NO. 197SURVEY NO. 812**FIELD NOTES**

of the survey of the

MammothMining ClaimSituate in Tombstone mining district,County of Cochise and in Sec 14, Tp 20 SRange 22 E, of the Gila and Salt River Meridian.

ARIZONA.

Claimed by The Watervale Mining
Company of ChicagoSurvey executed by H. G. Howe D. S.Under instructions dated March 26th 1887Survey commenced April 2nd 1887Survey completed April 22nd 1887

PRELIMINARY OATHS.

FOR SURVEYS OF MINING CLAIMS AND MILL-SITES.

WE, *K. L. Hart*, and *Jas H Hart*,
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 length of all lines that we assist in measuring, to the best of our skill and ability.

K. L. Hart

Jas. H. Hart

SWORN to and subscribed before me this *31st* day
of *March*, 188*7*.

B. A. Friesen

clerk Dist court.

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

SWORN to and subscribed before me this _____ day
of _____, 188 .

Field Notes
of the Survey of the

Mammoth mining Claim.
in the Tombstone mining
District, Cochise County,
Arizona,

Claimed by
Watervale mining Company
of Chicago.

Surveyed by A. G. Howe U.S.
Deputy Mineral Surveyor,
under instructions from
the Surveyor General of date
March 26th 1887.

Survey commenced April 2nd 87
Survey completed April 22nd 87

Feet, Description of Survey
Beginning at the Initial mon.
mentioned in Supplemental
location notice and marking
the west center end of claim
where is set, a 4 in Post 5 1/2 ft.
long surrounded by mound
of stone.

Post marked I. M. MAMMOTH M.C.
No 1.

U. S. M. M. No 6. D's 525° 35' W 2708 ft.
The 1/4 Sec. cor. bet. Sec. 18 & 18 East
boundary T. 20. S. R. 22. E. D's N 88° 07' E
10239 ft.

Thence N 1° 29' E
var 11° 43' E

148. To loc. mon. where I set post 5 1/2
ft. long 4 in sq. surrounded by

- mound of stone,
 Post marked M.M.C. No 2,
 Thence $589^{\circ} 20' E$
 var $11^{\circ} 43' E$
- Along the South side line Bunker
 Hill mining claim,
- 163.4 small wash drains N.N.E.
 258.8 cross center N. end, waste Dump,
 335.6 To center shaft 4×6 ft about 20 ft.
 deep,
 583.8 and 2 ft. to left, mon. and no-
 tice Resqued mining claim,
 777.4 Road brs N.N.W. end S.S.E.
 788.8 Intersect West end line Wide
 West M.C. Lot No 180, $N 5^{\circ} 41' W$
 77.9 ft from S.W. cor. (A Post marked
 N.W. M.C. No. 7.)
 864.6 To a 4 in Post, marked letters cut in
 M.N.S.L. (Mammoth North Side Line)
 which point is also the N.E. cor of the
 Resqued mining claim. The S.E. cor
 bears $332^{\circ} 00' W$ 320 ft. dist.
 951.4 To 4 in Post B.H. M.C. No 5,
 1044.5 Intersect West end line Attention
 mining claim $S 3^{\circ} 14' W$ 37 ft. from
 the N.W. cor.
 1152.5 To loc. mon where I set post $5 \frac{1}{2}$ ft. long
 $\frac{1}{4}$ in sqr. surrounded by mound of
 stone,
 Post marked M.M.C. No 3,
 Thence $51^{\circ} 29' W$.
 var $11^{\circ} 43' E$
- 33.5 Intersect S. line Wide West M.C. lot
 No 180, $N 84^{\circ} 20' E$ 358 ft, from Post,
 W.W. M.C. No 7,
 73, Stake in mon. west end Agitator
 M.C.
 300, To east center end of claim where
 I set post $5 \frac{1}{2}$ ft. long. $\frac{1}{4}$ in sqr. 1 ft. in
 ground and surround by mound
 of earth and stone
 Post marked M.M.C. No. 4.

Feet.

- Thence $51^{\circ}29'W$. (same course)
Bar $11^{\circ}43'E$
63. Intersect south side line Attention Mining Claim. $576^{\circ}20'E$ 120. ft. from S.W. cor. stake
240. Intersect N.E. side line Black Eagle Mining Claim $550^{\circ}20'E$ 29 ft. from the N.W. cor (as 4 in Post. marked B.E. NW cor)
300. To loc. mon. where set post $5\frac{1}{2}$ ft. long 4 in. sq. 1 ft. in ground and surround by mound of earth and stone.
Post marked M.M.C No 5.
Thence $N79^{\circ}40'W$
Bar $11^{\circ}43'E$
75. Intersect N.W. end line Black Eagle Mining Claim $339^{\circ}20'W$. 83 ft. from a 4 in Post. B.E. NW cor. This point is also the N.E. cor. of the L.U.O. Mining claim.
- 1165.8 To loc. mon. where set post $5\frac{1}{2}$ ft. long 4 in sq. 1 ft. in ground and surround by mound of earth & stone.
Post marked M.M.C No 6.
This is also the S.E. cor Rattlesnake and the N.W. cor and initial mon. of the L.U.O. Mining claim.
Thence $N1^{\circ}29'E$.
Bar $11^{\circ}43'E$
- 256.4 To post No 1 and place of beginning.

Area.

| | |
|---|-------------|
| Total Area of claims. | 1326 acres. |
| Less conflict with the Wide West M.C. Lot No 180 of | .46 acres. |
| The conflicts with the | |
| Resigned M.C. of | 2.73 acres. |
| The Attention M.C. | |
| of | .81 acres. |
| The Black Eagle M.C. | |
| of | .079 acres. |

are claimed in this
application for Patent

Net area claimed 12,800 acres.

Location:

This claim is located in Tombstone mining District Cochise County Arizona, about $\frac{3}{4}$ of a mile south of the Grand Central mine and $\frac{1}{2}$ a mile N.N.E. of Military Hill, and is bounded on the North by the Bunker Hill on the West by the Rattlesnake. South by the L.O.O. and Black Eagle, and East by Attention and agitator mining claims.

Improvements.

made upon this claim by present owners or their grantors are as follows,

At I.M. M.M.C. No. 1. A shaft over 200 ft. deep, with levels, cross cuts, and winzes, bears $N 79^{\circ} 57' E$ 284 ft.

Croppings bear $S 82^{\circ} 34' E$ 130 ft.

Croppings bear $S 82^{\circ} 04' E$ 93 ft.

And 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 upon this claim.

Note:

On April 1st the following location was made by Edward Moorehouse. The location was coming on the North line of Mammoth at 583.8 ft from M.M.C. No. 2.

The Resquad claim is described as follows, commencing at,

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Post M.M.C. No 2. thence $S89^{\circ}20' E$ 864.6 ft.
to 4 in post, the N.E. cor. of claim.
Thence $S32^{\circ} W$ 320 ft. to a cactus stalk
in mon of stone. the S.E. cor. ^{of claim} thence
 $N68^{\circ}20' W$ 750 ft. To the place of
beginning.

Instruments used as young's
improved Solar Transit and steel
tape.

Trav. and courses taken by use
of Solar apparatus.

H. G. Howe, U.S Deputy
Mineral Surveyor.

Tombstone Arizona,
April 30th 1887.

AFFIDAVIT OF FIVE HUNDRED DOLLARS IMPROVEMENTS.

WE, D. B. Shankland, and H. L. Hart,

of lawful age, being first duly sworn according to law, depose and say that we are acquainted with the Mammoth,

mining claim, situated in Tombstone, Mining District, Cochise County, Arizona

Territory, for which the Waterhole Mining Co. of Chicago, Ill. by B.S. Coffman Agent

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.

D. B. Shankland
H. L. Hart

TERRITORY OF ARIZONA.

County of Cochise } ss.

SWORN to and subscribed before me this 29th day of April, 1887.

B. A. Finckes
clerk Dist Court

FINAL OATHS FOR SURVEYS OF MINING CLAIMS AND MILL SITES.

A list of 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 Mammoth mining claims located in Tombstone Mining District, Cochise County, Arizona, showing the respective capacities in which they acted.

H. L. Hart, Chairman.
Gas A. Hart, Chairman.
Axeman.
Flagman.

We hereby certify that we assisted H. G. Howe U. S. Deputy Surveyor, in surveying The Mammoth mining claim, claimed by The Watervale Mining Company of Chicago located in Tombstone Mining District, Cochise County, and in Township No. 20. S, Range No. 22. E of the Gila and Salt River base and meridian, Arizona, and that said survey has been in all respects, to the best of my knowledge and belief, well and faithfully executed, and the boundary monuments planted according to the instructions furnished by the Surveyor General.

H. L. Hart, Chairman.
Gas A. Hart, Chairman.
Axeman.
Flagman.

SWORN to and subscribed before me this 29th day of April, 1887.
B. A. Fiescas
Clerk Dist Court

I, H. G. Howe U. S. Deputy Surveyor, do solemnly swear that, in pursuance of instructions from the U. S. Surveyor General for Arizona, bearing date the 26th day of March, 1887, 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 Mammoth mining claims claimed by The Watervale Mining Company of Chicago, located in Tombstone Mining District, Cochise County, Arizona, as are represented in the foregoing field-notes as having been surveyed under my instructions; 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 29 day of April, 1887.
B. A. Fiescas
Clerk Dist Court

Location Notice, Mammoth Mine.

Notice. we the undersigned hereby claim for mining purposes fifteen hundred feet (1500 feet) lineal feet along this mineral ledge, lode or deposit, commencing at this monument of stone and running in a north easterly direction to a stone monument, with three hundred feet (300 feet) on each side of the ledge for for mining purposes, together with all the dips angles and spurs appertaining or belonging to the same, and all the ores and metals therein contained, claiming all the rights and privileges conferred by the mining laws of the United States, This mine is situated in Pima County and Territory of Arizona, and in the Tombstone Mining District, and about the central part of Tombstone mountains, adjoining the Rattle Snake mine on the South west and extending along in a North easterly direction, and adjoining the Eagle Mine on the East, and about one mile distant due South from the Grand Central Mine. There is a prominent Hill due South, also a Gulch on the North East, This mine shall be known as The Mammoth Mine, located on the ground this the 12th day of May A.D. 1878.

TERRITORY OF ARIZONA, }
County of Cochise } ss.

W. T. Bradley,

I. A. T. JONES, County Recorder in and for the County of Cochise, do hereby certify that the above and foregoing is a full, true and correct copy of *The Section Notice of The Quarantown Mine,*

as appears of record now in my office in Book 3, Page 744.

Subscribed Records of Mines

In Witness Whereof, I have hereunto set my hand and affixed

my official seal, at my office, in Tombstone, this

16th day of March, A. D. 1887.

W. T. Bradley,

County Recorder

W. M. Bullard 750 feet,
John D. Bullard 750 feet.

Filed and recorded at request of W. M. Bullard,
May 18^m 1878 at 2 o'clock P. M.

J. W. Carpenter,

County Recorder,

Supplemental Notice of Location.
Mammoth Mine.

Notice; The undersigned present owners of the mine located and known as the Mammoth Mine, situated in the Tombstone Mining District, Cochise County, Territory of Arizona, located on the 12th day of May 1878.

A copy of said notice of location was filed for record May 18th 1878, a record of which is made in Book 3, Page 747, Transcribed Records of Mines Cochise County, To which reference is hereby made, 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 more definitely to describe said claim with reference to an established Mineral monument, do now make this be placed upon said mine and recorded, that a complete description of said claim with reference to said monument may be of record.

The said Mammoth mining claim is described as follows: Commencing at this Post in monument of stone, Post marked W. C. M. which point is the west center end of the Mammoth and also the East center

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end of the Rattlesnake mining claim, From
which U.S. M. M. N^o 6. bears S 25° 35' W 2708
ft distant, U.S. M. M. N^o 2. bears N 48° 16' W.
Thence N 1° 29' E 148 ft. to the N. W. cor of claim,
which is also the N. E. cor. of the Rattlesnake M.
C. an Iron pin $\frac{1}{4} \times 1\frac{1}{2}$ " - 12 ins long drove in
ground and monument of stone over it.
Thence S 89° 20' E 1152.5 ft to the N. E. cor. of
claim, a small stake in mon of stones,
Thence S 1° 29' W crossing the ledge at right angles
600 ft to the S. E. cor of claim a monument of stones,
Thence N 79° 41' W 1165.6 ft. to the S. W. cor of
claim which is also the S. E. cor. Rattlesnake,
a 4 x 4 in Post in mon of stone. Thence N 1°
29' E 256.4 ft. to the place of beginning.

This claim is bounded upon the North by
the Bunker Hill + Wide West M. C. with which
it conflicts, On the S. E. by the Black Eagle
and on the West by the Rattlesnake M. C.

This claim is situated about $\frac{3}{4}$ of a mile
south from the Grand Central Mine, and
 $\frac{1}{2}$ a mile N. Easterly from Military Hill.

This notice is made without waiver of
any rights under the original notice of Location,
and is placed upon said mine this 24th day of
March 1887.

J. S. Coffman,
Agent Waterfalls Mining Company of Chicago.

TERRITORY OF ARIZONA. }

County of Cochise }

ss.

W. F. Bralley.

I. ~~A. T. JONES~~, County Recorder in and for the County of Cochise, do hereby certify that the above and foregoing is a full, true and correct copy of a *Supplemental*, *Separation Notice of the Hammons mine.*

as appears of record now in my office in Book *8*, Page *598 + 599.*

In Witness Whereof, I have hereunto set my hand and affixed my official seal, at my office, in Tombstone, this *27th* day of *March*, A. D. 188*7*.

W. F. Bralley.
County Recorder

Filed and recorded March 24th AD 1887, at 11³⁰ A.M.

W. F. Bradley
County Recorder.

PLAT
of the.

MAMMOTH MINING CLAIM

Tomestone Mining District

Cochise, County, Arizona.

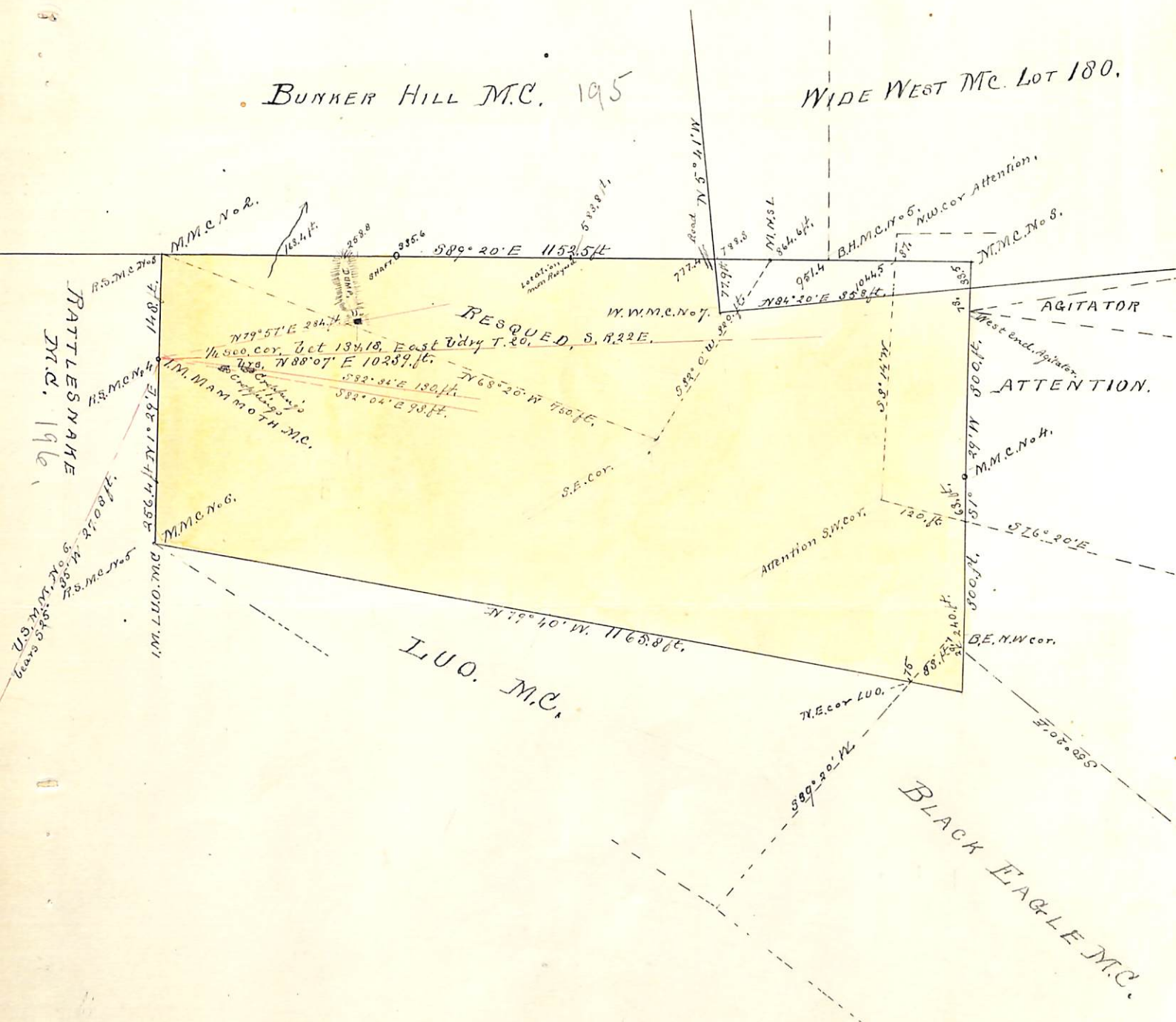
Containing a total area of 13.26 acres.

Conflict with Wide West = .46 ..

Net area. 12.80 acres,

Scale 200ft = 1inch.

Var 11° 43' E



U. S. Surveyor-General's Office.

Tucson, Arizona, June 7th 1887.

The foregoing Field Notes of the survey of the
Mammoth Mining Claim
 situate in the *Tombstone* mining district, *Cochise*
 County, Arizona, claimed by *The Waterville*
Mining Company of Chicago
 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 A. Rice
 Surveyor General.