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LOT NO. 189

SURVEY NO. 797

FIELD NOTES

of the survey of the

Lowell

mining claim

Situate in Tombstone mining district,

County of Cochise and in Sec. 17, Tp. 20 S

Range 22 E, of the Gila and Salt River Meridian.

ARIZONA.

Claimed by Chas W Leach

Survey executed by A G Howe D. S.

Under instructions dated November 28th 1886,

Survey commenced December 11th 1886,

Survey completed December 14th 1886,



PRELIMINARY OATHS,

FOR SURVEYS OF MINING CLAIMS AND MILL-SITES.

I, Mr. Jas. H. Hart, and _____

do solemnly swear that ~~we~~ ^I will faithfully execute the duties of Chain Carriers; that ~~we~~ ^I will level the chain upon uneven ground, and plumb the tally pins, whether by sticking or dropping the same; that ~~we~~ ^I will report the true distance to all notable objects, and the true lengths of all lines that ~~we~~ ^I assist in measuring, to the best of ~~our~~ ^{my} skill and ability.

Jas. H. Hart,

SWORN to and subscribed before me, this 11th day of December 1886

B. L. Peel
Probate Judge

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
"Lowell"
Mining Claim.

Tombstone Mining District
Cochise County, Arizona Territory

Claimed by
CHAS. W. LEACH.

Surveyed by
H. G. Howe.
U.S. Dep't Min'l Surveyor.

Under instructions from the Surveyor Gen.
under date November 28 - 1886

Survey Commenced December 11 - 1886
Survey Completed December 14 - 1886

Feet.

Description of Survey -

Commencing at the Initial Monument, a post in a monument of stone, as described in the Supplemental Notices of Location.

Post marked I. M. LOWELL M. C. No. 1, situated at the Easterly Center end of claim from which U. S. M. M. No. 3, bears $N 18^{\circ} 34' W$,

3561 feet distant

The corner to sec 1 & 2 N. Boundary T. 20. S. R. 22, E bears $N 54^{\circ} 17' E$,

19924 ft. distant.

I then run a preliminary line through center of the claim, which bears $S 59^{\circ} 12' W$, and $N 59^{\circ} 12' E$,

I then commence at the S. W. Center End, a 4 in post,

Post marked L. M. C. No 4, and measure along center line $N 59^{\circ} 12' E$.

Var. $11^{\circ} 43' East$.

85 and 5 ft. to left. Center of Inclined Shaft 4x8 ft. 18 ft deep.

148 and 22 ft. to left. a shaft 4x6 ft 10 ft deep.

299 and 22 ft. to right a shaft 4x10 " 8 ft. deep

462 and 8 " to left. inclined shaft 4x6 ft 15 ft deep.

765 and 33 " to right. " " 4x6 " 10 " "

842 Head of small wash. drains N. N. W.

1353 and 28 ft. to left. shaft 4x6 ft 10 ft deep.

1495 To Initial Monument. and

post. No. 1,

Thence $S 30^{\circ} 48' E$

Var $11^{\circ} 43' East$

300 To a 4 in post in monument of stone

Post marked L. M. C. No. 2,

Thence $S 59^{\circ} 12' W$

Var $11^{\circ} 43' East$.

640 Head of wash. drains southerly

Feet

1495 To a 4 in post in mon. of stone
 Post marked L. M. C. No 3
 which post stands in a
 small wash draining southerly
 Thence $N 30^{\circ} 48' W$
 Var $11^{\circ} 43' East.$

Ascending South Slope of hill
 300 To a 4 in. post. in monument of
 stone built on croppings
 Post marked L. M. C. No. 4,
 being the S.W. center end of claim
 Thence $N 30^{\circ} 48' W.$
 Var $11^{\circ} 43' East.$

300 To a 4 in post in monument of
 stone situated on south slope of
 hill and about 200 ft. S. of Summit
 Post marked L. M. C. No. 5,
 Thence $N 59^{\circ} 12' E:$
 Var $11^{\circ} 43' East.$

100 summit and descend

860 small wash drains N + descend

1200 Top of ridge, bears N and descend

1417.5 a 2x4 in post. in monument of
 stone, 3 ft to left. of line. marked
 "Quinn Sabo No 4."

1487 To a 4 in. post. in mon. of stone
 Post marked "S of M. No. 2. Post. 5." on
 N. face of post. On S. face "Quinn Sabo No 3"

1495 To 4 in. post. in monument
 of stone
 Post marked L. M. C. No. 6,
 Thence $S 30^{\circ} 48' E.$
 Var $11^{\circ} 43' E.$

300 To place of beginning and
 post marked L. M. C. No 1

Containing
A total area of 20.59 acres.

Location

This mining claim is located
in Tombstone Mining District.

Cochise County, Arizona Terr.
And about 3 miles S.W. from the
town of Tombstone and about
800 yds. S.W. from the State
of Maine Mine. and about
230 ft S.W. from the Brother
Jonathan Mining Claim
lot 153

Improvements.

The improvements made
upon this claim by the
present owner or his grant-
ors consist of a shaft 4x8 ft
18 ft. deep, a shaft 4x6 ft. 10 ft
deep, a shaft 4x10 ft. 8 ft deep
Inclined shaft 4x6 ft. 15 ft deep
Inclined shaft 4x6 ft. 10 ft deep
and a shaft 4x6 ft 10 ft deep

And I hereby certify that
the labor done by the present
owner or his grantors, exceed
in value the sum of Five
Hundred Dollars

There have been no improve-
ments made by other parties
upon this claim.

Instruments used, An Improved
Youngs Solar Transit.

Variation and courses taken
by use of Solar Apparatus.

Tombstone Jan 5th 87 H. L. Howe, U.S. Dep
Mineral Surveyor.

AFFIDAVIT OF FIVE HUNDRED DOLLARS IMPROVEMENTS.

We, *A. J. Collins* and *Jas H. Hart*,
of lawful age, being first duly sworn according to law, depose and say that we are acquainted with the
Lowell,

mining claim, situated in
Tombstone Mining District, *Cochise*, County, Arizona
Territory, for which *Chas. W. Leach*,
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 appli-
cant and his grantor exceed Five Hundred Dollars in value, and further that we are not per-
sonally interested in said mine.

A. J. Collins.

TERRITORY OF ARIZONA,
County of *Cochise* } SS.



SWORN to and subscribed before me, this *3rd* day

of *January* 188*7*.

H. G. Howe
Notary Public.

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 Lowell - Mining Claims
located in Tombstone Mining District, Cochise County, Arizona, showing the respective capacities in which they acted.

J. H. Hart Chairman.

Chainman.

Axeman.

Flagman.

I ^I ~~WE~~ hereby certify that ~~we~~ assisted A. G. Howe
U. S. Deputy Surveyor, in surveying
The Lowell mining claims
claimed by Chas W Leach
located in Tombstone Mining District, Cochise County,
and in Township No. 20.5, Range No. 23.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.

Jan. A. Harr Chairman.

Chainman.

Axeman.

Flagman.

SWORN TO AND SUBSCRIBED before me this 31st day
of January 1887

Allen Waecker
County Clerk

I, A. 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 28th day
of November 1886, 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 Lowell mining District
claimed by Chas W Leach
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.

A. G. Howe Deputy Surveyor.

SWORN TO AND SUBSCRIBED before me this 31st day
of January 1887

Allen Waecker
County Clerk



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 the middle of said lead lode or vein situate in the Tombstone mining district County of Cochise Arizona and more particularly described as follows to wit:

Commencing at this monument of stones being the center of the North end of claim and upon which this notice is posted: thence East three hundred feet to a monument of stones, thence South fifteen hundred feet to a monument of stones, thence West three hundred feet to a monument of stones being the center of the South end of claim, thence West three hundred feet to a monument of stones, thence North fifteen hundred feet to a monument of stones, thence East three hundred feet to the place of beginning. This claim is situated South of the Brother Jonathan mining claim and is an extension of that claim and shall be known as the Lowell Mine
 Located Jan^y 1st 1884

L. W. Leach

Filed and recorded at request of L. W. Leach
 Jan 7. 1884 at 11 A.M.

At Jones - County Recorder

TERRITORY OF ARIZONA. }
 County of Cochise } ss.

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 *an instrument purporting to be the locaciton notice of the Lowell mine*

as appears of record now in my office in Book *7*, Page *237*

Records of Mines.

In Witness Whereof, I have hereunto set my hand and affixed my official seal, at my office, in Tombstone, this *26th* day of *November*, A. D. 188*6*

A. T. Jones

County Recorder

Location Notice
of the
Lowell mine

Supplemental Location Notice Lowell Mine

The undersigned present owner of the mine located and known as the Lowell mine situated in the Tombstone Mining District Cochise County Arizona Territory. Located January 1st 1884 a copy of said location was recorded in Book 4 page 237 Records of mines Cochise County Arizona. 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 U.S. Mineral Surveyor and the original notice of said location not being sufficiently definite by reference to some natural monument or object as would identify the claim. The undersigned present owners now makes this notice and has it recorded in order to supply in the records said error of description. The said Lowell mining claim is described as follows, commencing at the initial monument a 4x4 in post in a monument of stones at the N easterly center of claim post marked Lowell. From which U.S. M.M. No 3 bears N 18° 39' W 3278 ft distant. Thence S 30° 48' E 300 ft to post in monument of stone the S E cor. Thence S 67° 12' W 1375 ft to a post in monument of stones the S W cor. Thence N 30° 48' W 300 ft to a post in monument of stone the S W center

TERRITORY OF ARIZONA, }
 County of Cochise } ss.

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 an instrument purporting to be the Supplemental ^{Location} notice of the Lowell mine.

as appears of record now in my office in Book 8, Page 549.

Records of Mines

In Witness Whereof, I have hereunto set my hand and affixed my official seal, at my office, in Tombstone, this

26th day of November, A. D. 1886

I. A. T. Jones

County Recorder

end of claim. Thence $N 30^{\circ} 48' W$ 300 ft to the N.W. cor of claim a post in monument of stone. Thence $N 69^{\circ} 12' E$ 1375 ft to a post in monument of stone the N.E. cor of claim. Thence $S 30^{\circ} 48' E$ 300 ft to the place of beginning. This claim lies south west of the Bonher Johnson mining claim about 125 ft. a copy of this notice was placed in the initial monument the 23rd day of November 1886.

L. W. Leach

Filed and recorded at request of L. W. Leach
Nov 24th 1886 at 2.15 P.M.

A. Jones
County Recorder

Supplemental Location Notice
of the

Lowell mine



Supplemental Location of the Supplemental Location Notice:

This supplemental notice is made by the present owner of the Sowell mine to correct in the supplemental location the distance to U.S.M.M. No 3 and also the length of the claim, the distances given in the supplemental notice having been taken from an old plat of the claim and not from measurements. The present owner now makes this notice and has it recorded to supply in the records a correct description of the Sowell mine, The said Sowell mine is described as follows: Commencing at the easterly end center a 4 in post in monument of Stones, Post-marked L.M.C. No 1, from which U.S.M.M. No 3 bears $N 18^{\circ} 39' W$ 3561 ft. distant, - a 4 x 4 in Post-marked B.J. No 14, bears $N 46^{\circ} E$ 130 ft. distant; Thence $S 30^{\circ} 48' E$ 300 ft. to a 4 in Post-marked L.M.C. No 2, in mon of Stones the S.E. Cor, Thence $S 59^{\circ} 12' W$ 1495 ft. to a 4 in Post in mon of Stones Post-marked L.M.C. No 3, Thence $N 30^{\circ} 48' W$ 300 ft. to a 4 in post in mon of Stone, post-marked L.M.C. No 4, being the S.W. center end of claim; Thence $N 30^{\circ} 48' W$ 300 ft. to a 4 in post in mon of Stones, Post-marked L.M.C. No 5, Thence $N 59^{\circ} 12' E$ 1495 ft. to a 4 in post in mon of stone post-marked L.M.C. No 6, the N.E. cor of claim. Thence

TERRITORY OF ARIZONA. }
 County of Cochise } ss.

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 -----
Supplemental Location of the Supplemental Location
Notice of the Sowell Mine
 as appears of record now in my office in Book *8*, Page *550* Record of Mines.

In Witness Whereof, I have hereunto set my hand and affixed my official seal, at my office, in Tombstone, this
13 day of *December*, A. D. 188*6*

I. A. T. Jones
 County Recorder
 By *W. F. Bradley* Deputy Rec.

S 30° 48' E 300 ft. to the place of beginning.
This claim lies south west of the Brother Johnson
mining claim about 125 ft. A copy of this
notice was placed in the initial monument
this 11th day of December 1886.

C. W. Leach,

Owner.

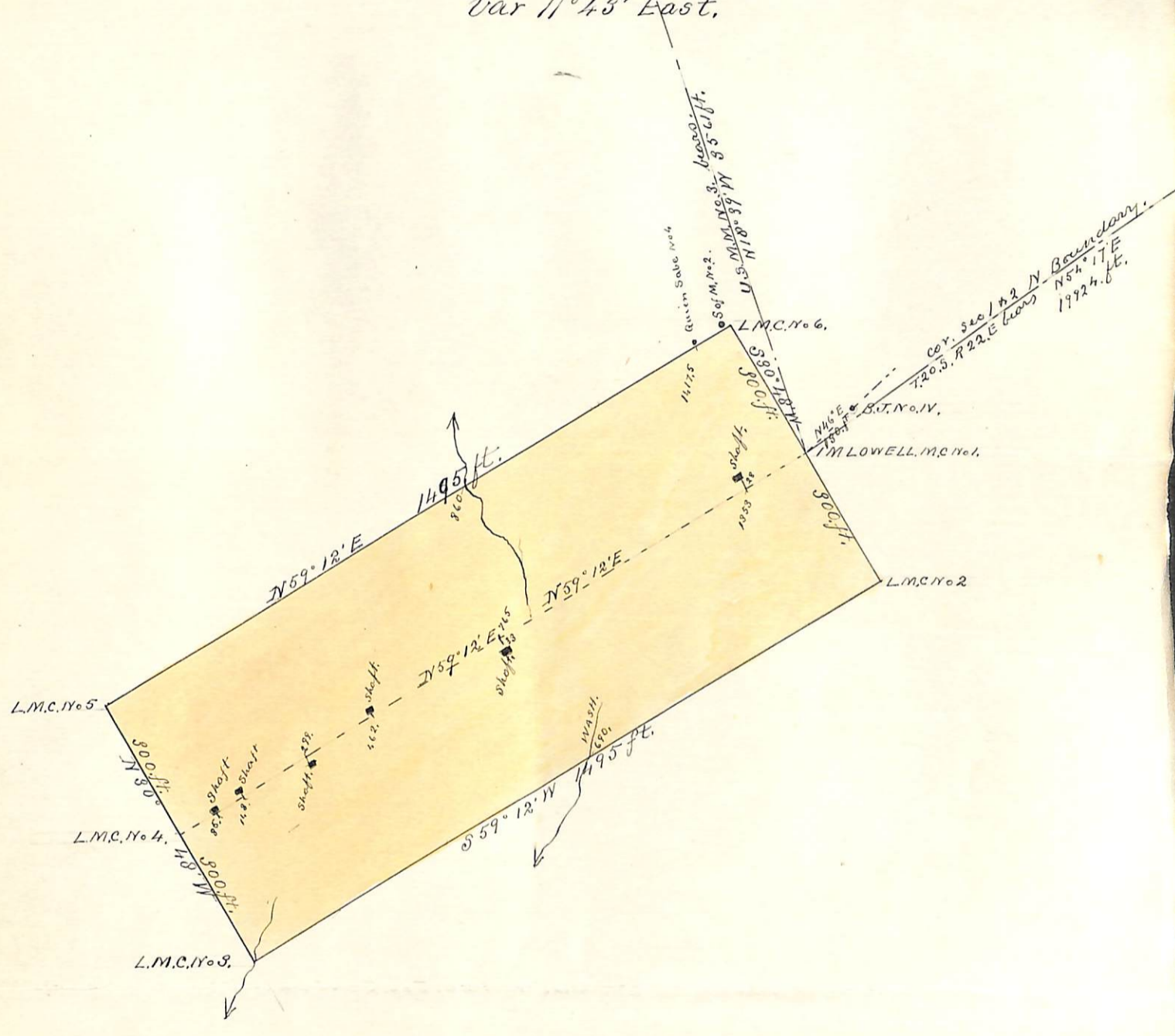
Filed and recorded at request of C. W. Leach Dec 11th A.D. 1886 at 3:45 P.M.

A. J. Jones County Recorder

By W. F. Brasley, Deputy Rec.

PLAT
 of the
 LOWELL MINING CLAIM
 TOMBSTONE MINING DISTRICT
 COCHISE COUNTY ARIZONA.

Containing 20.59 Acres.
 Scale 300. ft = 1 inch.
 Var 11° 43' East.



U. S. Surveyor-General's Office.

Tucson, Arizona, January 26th 1887

The foregoing Field Notes of the survey of the

Lowell Mining Claim
situate in the Tombstone mining district, Cochise
County, Arizona, claimed by

Charles W Leach
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 Aice
Surveyor General.