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LOT NO. 43.

Field Notes

of the survey of the

South Extension of the
Grand Central
Mining Claim.

Situate in Tombstone mining district,

County of Pima and in Sec. _____, Tp. 258,

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

ARIZONA.

Claimed by J. B. W. Gardner and
B. Frank Hall.

Survey executed by Salmon M. Allen D. S.,

Under instructions dated August 12. 1879.

Survey commenced August 13. 1879.

Survey completed August 13. 1879.

PRELIMINARY OATHS FOR SURVEYS OF MINING CLAIMS AND MILL-SITES.

WE, George Douglass and George Mc Miller
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.

George Douglass
George Mc Miller

SWORN AND SUBSCRIBED before me this 13
~~14th~~

day of August 1879

Solon Mc Allis

~~U.S. Dep Surveyor and Notary Public~~
Pima Co. A.T.

I, J. B. W. Gardiner

do solemnly swear that I will well and truly perform the duties of Flagman

according to instructions given me, and to the best of my skill and ability.

J. B. W. Gardiner

SWORN AND SUBSCRIBED before me this 13th
~~14th~~

day of August 1879

Solon Mc Allis

~~U.S. Dep Surveyor and Notary Public~~
Pima Co. A.T.



Field Notes of Survey of South Extension of Grand Central
August 13, 1879

chain.

Tombstone Dist. Pima Co. A.T.
Survey of Exterior

Commenced at the initial Monument
where Notice of Location was posted I set
up a Post 4 ft high 5x2 inches marked
S.E.X.G.C. N^o 1 in Monument of stones
3 ft high. Thence

4.24 Var $11^{\circ} \overset{03'}{\times} E$ - By obs on Polaris -
S $78^{\circ} \overset{27'}{\times} E$ along N End boundary line
to ^{S.E.} cor Monument of the Grand Central
mining claim. Lat No. 42,

4.54 1/2 to N.E. cor of claim where I set up
a post 4 ft high 5x2 inches marked
S.E.X.G.C. N^o 2, and built a monument of
stones 3 ft high the same being 30 1/2 links
from S.E. cor of the Grand central which
bears N $78^{\circ} \overset{27'}{\times} W$. From this cor. U.S.M.M. I.D. No. 1
Thence - bears N. $38^{\circ} \overset{44'}{\times} W$, 18.26 chs.

Var $11^{\circ} \overset{03'}{\times} East$
10.90 S $37^{\circ} \overset{25'}{\times} W$ along Eastern side boundary
to a point opposite shaft 37 ft deep 6x8 ft
Dist 4.50 chs at right angle to line.

22.72 to S.E. cor of claim where I set up a
post 5x2 inches 4 ft high marked
S.E.X.G.C. N^o 3, and built a monument of stones 3 ft high -
Thence -

4.54 1/2 Var $11^{\circ} \overset{03'}{\times} East$ along S. End Boundary
N $78^{\circ} 13' W$ to center monument of South
End where I set up a post 5x2 inches
^{S.E. X.G.C. N^o 4} 4 ft high and built a monument of
stones 3 ft high - from which shaft of
the Grand Dipper bears S $13^{\circ} \overset{03'}{\times} W$ dist
3 chains - Thence

3.4 1/2 Var $11^{\circ} \overset{03'}{\times} E$ along S. End boundary N $78^{\circ} \overset{27'}{\times} W$ -
to N.W. cor of Grand Dipper -

4.54 1/2 to S.W. cor of claim where I set up a
post 4 ft high 5x2 inches marked
S.E.X.G.C. N^o 5 in Monument of stones 3 ft high
near bottom of quite steep gulch -
Thence

Var $11^{\circ} \overset{03'}{\times} E$.

chain
2.2.72

N $37^{\circ}39'$ ^{25'} E along western ^{side} Boundary
to N.W. cor of claim when I set up
a post 4 ft high 5x4 inches and marked
S.E.G.C. No 6. and built a monument of
stones 3 ft high, this being also the S.W.
cor of a claim called the Triangle lying
between the west half of the North End
and the moonlight claim.

Thence

4.54 1/2

Nor 11° ⁶³ ~~11~~' E
S 78° ^{27'} ~~78~~' E along North End boundary
to place of beginning.

Containing 18.68 acres.

General Description

This claim lies on the S.E. slope of
one of the long spurs of the Lucky Cuss
Hill on its East side and about
three quarters of a mile from the
high monument on South End of claim
of same name - and is an extension
of the Grand Central. Situated in N.E. part of Pompton Dist.

The work on said claim performed
by claimant consists of a shaft 6x8 ft
and 39 ft deep in exceeding hard rock
and cost over 600 Dollars.

This claim is bounded on
the North ^{End} by the Triangle and moonlight
claims each bounded by its center monument -
and on the South ~~side~~ end by the Grand
Dipper. It is also bounded on its west
side by the claim called the Sidney
and contains 18.68 Acres.

Solon M. Allis
U.S. Dep Surveyor

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 South Extension of Grand Central Mining Claim located in Tombstone mining district Pima County, Arizona, showing the respective capacities in which they acted.

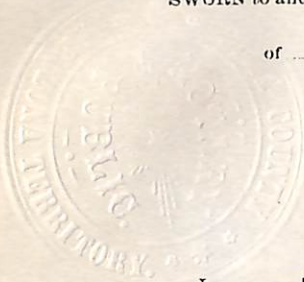
George Douglass Chainman.
George M. Miller Chainman.
 _____ Axeman.
J. B. W. Gardiner Flagman.

We hereby certify that we assisted Solon M. Allis U. S. Deputy surveyor, in surveying The South Extension of the Grand Central Mining Claim claimed by J. B. W. Gardiner and B. Frank Hall located in Tombstone 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.

George Douglass Chainman.
George M. Miller Chainman.
 _____ Axeman.
J. B. W. Gardiner Flagman

SWORN to and subscribed before me this 14th day of August 1879

Solon M. Allis
 U. S. Dep Surveyor and Notary Public
 Pima Co. A. T.

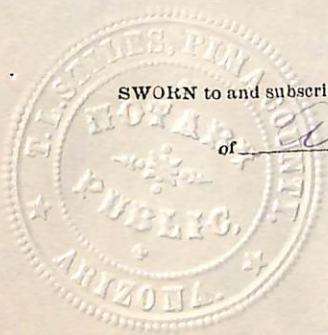


I, Solon M. Allis U. S. Deputy Surveyor do solemnly swear that, in pursuance of instructions from John Wasson, U. S. Surveyor-General for Arizona, bearing date the 12th day of August 1879 I have well, faithfully and truly, in my own proper person, and in strict conformity with the instructions furnished by the Surveyor-General and the laws of the United States, surveyed all those portions of the South Extension of Grand Central Mining Claim claimed by J. B. W. Gardiner and B. Frank Hall located in Tombstone mining district, Pima County, and in Township No. _____ Range No. _____ of the Gila and Salt River base and meridian, 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.

Solon M. Allis
 Deputy Surveyor.

SWORN to and subscribed before me this 19th day of August 1879

J. P. Stiles
 Notary Public
 Pima Co. A. T.



AFFIDAVIT OF FIVE HUNDRED DOLLARS IMPROVEMENTS.

WE, *John Haley* and *Patrick Slattery*,
of lawful age, being first duly sworn according to law, depose and say that we are acquainted with
the *South Extension of the Grand Central*
mining claim, situate in
Tombstone Mining District, *Pima* County, Arizona
Territory, for which and
have 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 grantor exceed Five Hundred Dollars in value, and further that we are not
personally interested in said mine.

John Haley

Patrick Slattery

TERRITORY OF ARIZONA,
County of *Pima* } ss.

SWORN AND SUBSCRIBED before me this *fourteenth*
day of *August* 187*9*

Solon M. Allis
Notary Public
Pima Co. A. T.



South Extension of the Grand Central Mine
 Notice. We the undersigned hereby locate
 and claim fifteen hundred feet along
 this vein or lode of gold and silver bearing
 quartz together with three hundred feet
 on each side thereof, situate lying and
 being in the San Pedro Mining District
 in the County of Pima and Territory of
 Arizona more particularly described as
 follows, to wit: Commencing at a Mon-
 ument of stones upon which is posted
 a copy of this notice and running thence
 in a southerly direction along the line
 of said vein fifteen hundred feet to a
 monument of stone, thence in an easterly
 direction three hundred feet to a
 monument of stone, thence in a Northerly
 direction and parallel to the line of
 said vein fifteen hundred feet to a
 monument of stones; thence in a Westerly
 direction three hundred feet to a monument
 of stones, being the first monument herein
 mentioned, thence in a westerly direction
 continuing said line three hundred
 feet to a monument of stones in a
 southerly direction fifteen hundred feet
 parallel to the line of said line of
 said vein, to a monument of stones.

thence in a easterly direction three three hundred feet to a monument of stones being the second monument above mentioned This claim shall be known and designated as the South Extension of the Grand Central Mine. This lode is located under a Mining Act of Congress Approved May 10th 1842.

Dated the 12th day of April 1848.

Robert Hanna

Clay Beauford

J. B. M. Gardiner

Filed and recorded at request of H. Farley
April 26th 1848 at 10 o'clock a.m.

J. S. M. Carpenter County Recorder
By M. A. M. Sumner Deputy

Territory of Arizona $\frac{2}{3}$
County of Pima $\frac{3}{3}$ S.S.

J. S. M. Carpenter
County Recorder in and for said Pima
County do hereby certify that the above
and foregoing is a full true and
correct Transcript of the Record
of the Notice of Location of the "South
Extension of the Grand Central Mine"
as appears of Record in Book "C"
Records of Mines, Pima County Ariz.

on page 283. now in my office
 In Witness whereof I have
 hereunto set my hand and
 affixed my official seal at
 my office in said County on
 this the 9th day of August ad
 1849

Sh Carpenter County Recorder
 By M. M. Bennett Deputy



U. S. Surveyor General's Office,
Tucson, Arizona, August 26, 1879.

The foregoing field notes of the survey of the South Extension of the Grand Central mining claim, situated in the Tombstone mining district, Pima County, Arizona, claimed by J. B. W. Gardner and B. Frank Hall, survey executed by Solon M. Allis ^{SR}, 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 H. Mason.
Surveyor General.