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LOT NO 42

SURVEY NO 559

Field Notes

of the survey of the

Mentor

Mining claim

Situate in Avicora mining district.

County of Pima and in Sec approx 7, Tp 21 S

Range 10 E, of the Gila and Salt River Meridian.

ARIZONA.

Claimed by The Arizona Southern Develop-
ment Company

Survey executed by John M. Allis D. S.

Under instructions dated Oct. 3rd 1883

Survey commenced Oct. 5th 1883

Survey completed Oct. 5th 1883

PRELIMINARY OATHS

FOR SURVEYS OF MINING CLAIMS AND MILL SITES.

WE, Abner Bogan and Daniel Mc Lachlan

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.

Abner Bogan
Daniel Mc Lachlan

SWORN to and subscribed before me, this Fifth day
of October 1883

Solon W. Allis
Notary Public Pinal Co. A.T.

I, John Bogan

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

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

John Bogan

SWORN to and subscribed before me, this Fifth day
of October 1883

Solon W. Allis
Notary Public Pinal Co. A.T.



— FIELD NOTES —

— of the Survey of the —
MENTOR MINING CLAIM

In the Arivaca Mining District

Pima County, Arizona

Claimed by the Arizona Southern Development Company

Surveyed by John W. Allen U. S.
 Deputy Mineral Surveyor under
 instructions from the Surveyor
 General, of date Oct 3rd 1883

Survey Commenced Oct 5th 1883
 " Completed " 5th 1883

FIELD NOTES.

of the survey of the
MENTOR MINING CLAIM
In the Arizaca Mining District
— Pima County —
— Arizona —

Claimed by the Arizona Southern Devel-
-opment Company.

Surveyed by Solon W. Allen U.S.
Deputy Mineral Surveyor under
instructions from the Surveyor
General of date Oct. 3rd 1883

Survey Commenced Oct 5th "

" Completed Oct 5th "

Description of Survey.

Beginning at the Initial Man. mentioned
in the location notice near the center of
claim. where I set a post 4 ft long
4 in dia 1 1/2 ft in the ground and
surrounded same with mound of
stones. Post marked M. N^o 1.

Post at South side of shaft. 3 ft dia
100 ft deep 5 x 6. From which an
open cut 8 ft deep 3 ft wide extends
north 21° 35' E 71 ft.

A shaft 177 ft deep 4 x 6. bears
N 21° 35' E dist 136 ft.

A shaft 4 x 6 2 35 ft deep bears
N 55° 46' E dist 298 ft

A shaft. 4 x 6 - 60 ft deep bears
N 85° E dist 272 ft

A shaft 4 x 6 - 10 ft deep bears
S 71° E dist 280 ft.

500
Thence S 21° 35' W

Var 12° 35' E

600
To loc man marking the S.W. Center
End of claim. where I set a post
4 ft long 4" dia 1 1/2 ft in the
ground and surrounded same
with mound of stones. Post marked

M. N^o 11. U.S. M. M. N^o 4 bears N 30° 47' E

A magrite dump 12" dia bears S 42° 55' E dist 18 ft marked M. 11.

- Feet Thence S $68^{\circ}25' E$
 Var $12^{\circ}35' E$
- 70 To center of gulch bearing S.W. + N.E.
 170 " " " " " "
 245 " " " " " "
 300 " Ice man when I set a post 4 ft long 4" dia 1 1/2 ft in the ground and ~~to~~ surrounded same with mound of stones. Post marked M. N. 111 - U.S. Min Man No 11. A.D. bears N $20^{\circ}30' E$
 Large Red Rock in place edge of gulch ~~to~~ marked M. N. 111 - bears N $70^{\circ} W$ Dist 40 ft. On Blanco Peak bears S $24^{\circ}40' E$.
 This also S.W. cor of "Oliver" Mining claim.
 Thence N $21^{\circ}35' E$
 Var $12^{\circ}35' E$
- 420 To center of gulch bears S.W. + N.E.
 580 To Interest Southeastely side line of the Dos Omegas Mining claim 500 ft from S.E. cor which bears N $78^{\circ}15' E$.
 1295 Interest North westerly side line of Dos Omegas mining claim S $78^{\circ}15' E$ 108 ft from N.E. corner of said claim.
 1500 To Ice monument when I set a post 4 ft long 4" dia 1 1/2 ft in the ground and surrounded same with mound of stones
 Post marked M. N. 111 U.S. Min Man No 4 bears N $4^{\circ}35' E$
 Dist 120 ft -
 This post also marks N.W. cor of the Oliver Mining claim.
 Thence N $68^{\circ}25' W$
 Var $12^{\circ}35' E$
- 300 To Ice man for north easterly center end of claim when I set a post 4 ft long 4" dia 1 1/2 ft in the ground and ~~to~~ surrounded same with mound of stones. Post marked M. N. 111.

- Feb U.S. Main Mon N^o 4 bear. N 88° 15' E
no other bearings available -
Thence N 68° 25' W (same course)
Var 12° 35' E
- 300 In Dec mon when I set a post
4 ft long 4" dia. 1 1/2 ft in the
ground and surrounded same
with mound of stones.
Post marked M. N^o VI.
U.S. Main Mon N^o 4 bear. - 88° 15' E
Thence S 21° 35' W
Var 12° 35' E
- 605 Intersect with north westerly side line
of the Dos Omega Mining claim
N 78° 15' E 610 ft from N.W. cor
of said claim.
- 1325 To road running N.W. 1 S.E. also
intersection of south easterly side line
of Dos Omega Mining claim
N 78° 15' E - 205 ft from S.W. cor
of said claim.
- 1385 In center of deep gulch bear
N.W. 1 S.E.
- 1500 In Dec mon when I set a post 4 ft long
4" dia. 1 1/2 ft in the ground and
surrounded same with mound
of stones. Post marked M. N^o VII.
U.S. Mineral Mon N^o 4 bear N 48° E
Thence S 68° 25' E
Var 12° 35' E
- 60 In center of gulch bear N & S - and
intersected at ~~same place~~ by trail
running N.E. & S.W.
- 220 to Road bear. N.W. 1 S.E.
- 260 to center of small gulch bear N & S -
- 300 to Dec mon which marks the
South Center End of claim
when I set a post 4 ft long 4" dia
1 1/2 ft in the ground and surrounded
same with mound of stones
Post marked N.P. II. already described.

Area

Total area of claim 20.66 Acres.
 Conflict of 9.91 acres with Dos Omega
 Mining claim - claimed by
 The Mentor claimants.

Location

This claim is located about
 three and a half miles North
 East of Arivaca Village -
 Arivaca Mining Dist Pima Co
 Arizona.

Improvements

Made upon this claim by claimant
 or grantor consist of a Dis
 shaft - 5x6 - 100 ft deep 3 ft north
 of Post No 1 -

A shaft - 4x6 - 177 ft deep N 21° 35' E
 136 ft from Post - No 1

A shaft 4x6 - 35 ft deep N 55° 46' E
 298 ft from post No 1 -

A shaft - 4x6 - 60 ft deep N 85° E
 272 ft from post No 1 -

A shaft 10 ft deep 4x6 - S 71° E
 280 ft from post No 1 - M.I.

and I hereby certify that the
 value of said improvements exceeds
 the sum of five hundred dollars -

Improvements made by others
 consist of an open cut 7 ft
 long 8 ft deep and about 3 ft
 wide - Old Mexican work =

Solon M. Allis

U. S. Deputy Mineral Surveyor -
 Tucson A. T. Oct. 17, 1883 -

Instrument used a Buss & Berger
 Transit & Steel chain

Var found by Obs on Polaris

Solon M. Allis
 U. S. Deputy Mineral Surveyor -

FINAL OATHS FOR SURVEYS OF MINING CLAIMS & 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 Mentor Mining Claim located in Arivaca Mining District, Pima County, Arizona, showing the respective capacities in which they acted,

Albenus Bogau Chainman.
Daniel McLaughlan Chainman.
Axeman.
John Bogau Flagman.

WE hereby certify that we assisted Solon M. Allis U. S. Deputy Surveyor, in surveying the Mentor Mining Claim claimed by The Arizona Southern Development Company located in Arivaca 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.

Albenus Bogau Chainman.
Daniel McLaughlan Chainman.
Axeman.
John Bogau Flagman.

SWORN TO AND SUBSCRIBED before me this 9th day of October 1883

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

I, Solon M. Allis U. S. Deputy Surveyor, do solemnly swear that, in pursuance of instructions from the U. S. Surveyor-General for Arizona, bearing date the 3rd day of October 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 The Mentor Mining Claim claimed by The Arizona Southern Development Company located in Arivaca 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.

Solon M. Allis Deputy Surveyor.

SWORN TO AND SUBSCRIBED before me this 15th day of October 1883

C. W. Clum
Notary Public Pima Co. A.T.

AFFIDAVIT OF FIVE HUNDRED DOLLARS IMPROVEMENTS.

We, John Bogan Esq. and Daniel McLaughlin
of lawful age, being first duly sworn according to law, depose and say that we are acquainted with the
Mentor Mining claim
mining claim, situate in
Arivaca Mining District, Pima County, Arizona
Territory, for which J. L. Stiles ^{for} The Arizona Southern Development ~~has~~
~~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-
cants and their grantors exceeds Five Hundred Dollars in value, and further that we are not per-
sonally interested in said mine.

John Bogan
Daniel McLaughlin

TERRITORY OF ARIZONA,

County of Pima } SS.

SWORN AND SUBSCRIBED before me, this ninth
day of October 1883.

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

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PAGE 1

("Mentor Mine.")

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Notice is hereby given that the undersigned claim fifteen hundred feet on this lode or vein of mineral bearing quartz with three hundred feet on each side of the lead, claim bounded as follows: Commencing at this notice and monument of stone on the lead near an old shaft; running Southwesterly six hundred feet along the lead to a monument of stone, thence Northwesterly three hundred feet to monument, thence Northeasterly fifteen hundred feet to monument, thence Southeasterly six hundred feet to stone monument, thence Southwesterly fifteen hundred feet to monument, thence Northwesterly three hun-

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

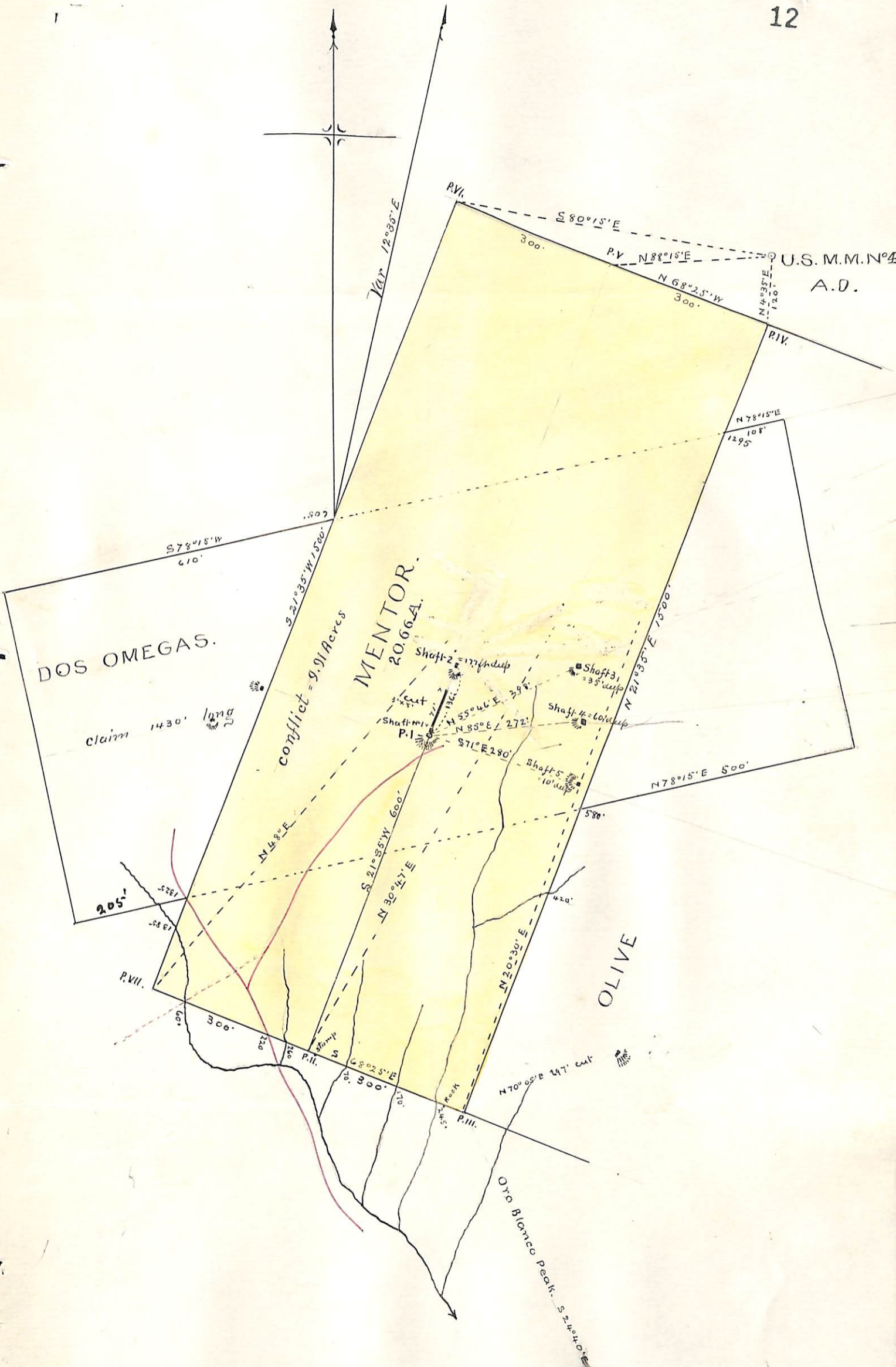
I, CHAS. R. DRAKE, County Recorder in and for the County of Pima, do hereby certify that the above and foregoing is a full true and correct copy of Location Notice of the Mentor Mine

as appears of Record now in my Office in Book D Records of Mines Pages 43

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal, at my office in Tucson, this 1st day of October A. D. 1883.

Chas R Drake
County Recorder.





U. S. Surveyor General's Office.

Tucson, Arizona, October 20th, 1883

The foregoing field notes of the survey of the _____
Mentor — Mining claim — situate in
 the Avicaca — Mining District, Pima —
 County, Arizona, claimed by The Arizona Southern
Development Company —
 survey executed by John M. Ellis — 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.

J. M. Robbins

Surveyor General.