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LOT NO. 37-B

Survey No 456

Field Notes

of the survey of the

Fresnal Springs Well Site

in connection with the Omega M Co

Situate in Helvetia mining district,

County of Pima and in Sec. \_\_\_\_\_, Tp 18 S

Range 15 E, of the Gila and Salt River Meridian.

Arizona.

Claimed by Omega Copper Mining Co

Survey executed by John Gardiner U S D. S.

Under instructions dated January 19. 1883

Survey commenced January 24. 1883

Survey completed January 23. 1883

# PRELIMINARY OATHS

FOR SURVEYS OF MINING CLAIMS AND MILL SITES.

WE, *Anthony A. Meng* and *Selleck W. Waring*  
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.

*Anthony A. Meng*  
*Selleck W. Waring*

SWORN to and subscribed before me, this *24th* day  
of *January*, 188*3*

*John Gardiner*  
*Notary Public*

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

*A. J. Davidson*

SWORN to and subscribed before me this *24th* day  
of *January*, 188*3*

*John Gardiner*  
*Notary Public*



*Field Notes*  
 of the survey of the  
*Fresnal Spring Mill Site*

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*Situated in*  
*The Helvetia Mining District*

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*Claimed by*  
*the*  
*Omega Copper Mining Co.*  
*In connection with the Omega Copper*  
*Mine*  
*Lot N<sup>o</sup> 37.*

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*Surveyed under instructions from*  
*J. M. Robbins*  
*U.S. Surveyor General*  
*bearing date of 19th January 1883*

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*Survey begun - - - - - 24<sup>th</sup> Jan'y 1883*  
 .. *Completed - - 25<sup>th</sup> " "*

*by*  
*John Gardiner*  
*U.S. D. M. S.*

Feet

Field notes of the <sup>Survey of the</sup> Presnal Springs Mill Site. Situate in Helvetia Mining District Pima Co. A.T. Claimed by the Omega Copper Mining Co.

Beginning at a monument of Stones mentioned in the notice of location as the initial monument of the claim which I re-established by setting a maple post 4 in in diameter and 4 feet long one and one half feet in the ground, and marked F.S.M.S. 1. and built around it a monument of Stones

Thence I run

Variation 12° 41' E. Azimuth observation on Polaris. Using a W. and L. E. Gurley Transit

N. 54° 3' W

764.7

To the N.W. corner of the claim and monument of Stones which I re-established by setting a maple post 4 in in diameter and 4 feet long one and one half feet in the ground and marked F.S.M.S. 2 and built around it a monument of Stones

Thence I run

Variation 12° 41' E

S. 35° 57' W.

226

To the S.W. corner of the claim and monument of Stones which I re-established by setting a maple post 4 in in diameter and 4 feet long one and one half feet in the ground and marked F.S.M.S. 3 and built around it a monument of Stones

Thence I run

Variation 12° 41' E

S. 54° 3' E.

764.7

To the S.E. corner of the claim and monument of Stones which I re-established by setting a maple post 4 in in diameter and 4 feet long one and one half feet in the ground and marked F.S.M.S. 4

Field notes of the <sup>survey of the</sup> Presnal Spring  
Mill Site. Situated in Helvetia Mining District  
Pima Co. A.T. Claimed by the Omega  
Copper Mining Co.

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and built around it a monument of  
stones. From which the N. W. corner  
of the Omega mine lot N<sup>o</sup> 37 bears  
S 12° 2' E 4574 feet distant.  
Presnal Spring bears N 10° 28' W. 170  
feet distant.

Thence I run  
Variation 12° 41' East  
N 35° 57' E

226 To the N. E. corner of the claim and  
place of beginning  
Total Area 3 <sup>9</sup>/<sub>100</sub> Acres

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### General Description

This claim is situated in the Helvetia  
Mining District on the West Slope of the North  
End of the Santa Rita Mountains in Pima  
Co. Arizona, and is claimed by the Omega  
Copper Mining Co. in connection with the  
Omega Copper Mine.

The initial monument is described in the  
notice of location as the S. W. corner of the  
claim. I found by the true bearing of the  
claim that it is the N. E. corner.

There are also some differences in the length  
of the lines as called for in the notice and as  
found by actual measurement.

The surface is mostly rough and rocky  
but there are no prominent corners of rocks  
or no trees to take the bearing of from any of  
the corners.

3 February 1883

John Gardner  
U. S. Deputy Min. Gen.

FINAL OATHS FOR SURVEYS OF MINING CLAIMS & 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 Presnal Springs Mill Site located in Helveticia Mining district, Pima County, Arizona, showing the respective capacities in which they acted.

Anthony A Meng Chainman.  
Selleck W Wainig Chainman.  
A. J. Davidson Axeman.  
A. J. Davidson Flagman.

WE hereby certify that we assisted John Gardiner U. S. Deputy Surveyor, in surveying the exterior boundary lines of Presnal Springs Mill Site claimed by Omega Copper Mining Company located in Helveticia 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.

A. A. Meng Chainman.  
Selleck W. Wainig Chainman.  
A. J. Davidson Axeman.  
A. J. Davidson Flagman.

SWORN TO AND SUBSCRIBED before me this      day of 20th January 1883

John Gardiner  
Notary Public

I, John Gardiner U. S. Deputy Surveyor, do solemnly swear that, in pursuance of instructions from the U. S. Surveyor-General for Arizona, bearing date the 19th day of January 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 exterior boundaries of Presnal Springs Mill Site claimed by Omega Copper Mining Company located in Helveticia 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.

John Gardiner Deputy Surveyor.

SWORN TO AND SUBSCRIBED before me this first day of February 1883

George J. Roskrug  
notary public  
for Pima Co



TERRITORY OF ARIZONA, } ss.  
County of Pima.

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 the Location Notice of the General Springs Mill Site.

as appears of Record now in my Office in Book *1* Pages *306*,  
*Recor of Mill Sites*

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal, at my office in Tucson this *13<sup>th</sup>* day of *Jan* A. D. 188*3*

*Chas R Drake*  
County Recorder,





Fresno Springs Mts Site  
 Mts Site Notice. I the undersigned  
 have this day located five acres of  
 this ground as a mill site in connec-  
 tion with the Omega Copper mine, com-  
 mencing at this monument of stone  
 the south west corner of said claim,  
 and running eight hundred and ninety  
 two feet in a westerly direction to a  
 monument of stone thence 423 feet  
 in a westerly direction to a monument  
 of stone thence 892 feet in a southerly  
 direction to a monument of stone thence  
 923 feet in an easterly direction to place  
 of beginning, this claim is situated on  
 the western slope of the north end of  
 the Santa Rita Mountains, in Kelso's  
 Mining District about one and a half  
 miles north west of the Omega mine in  
 an Ash Cañon and shall be known  
 as the Fresno Springs Mill Site

Frederic G Hughes

Santa Rita Mts, April 2<sup>d</sup> 1881.

Filed and recorded at request of F. G.  
 Hughes July 21<sup>st</sup> A.D. 1881 at 2:45 P.M.

Chas. R. Drake  
 County Recorder

# NON-MINERAL AFFIDAVIT.

TERRITORY OF ARIZONA, )

County of Pima ) ss.

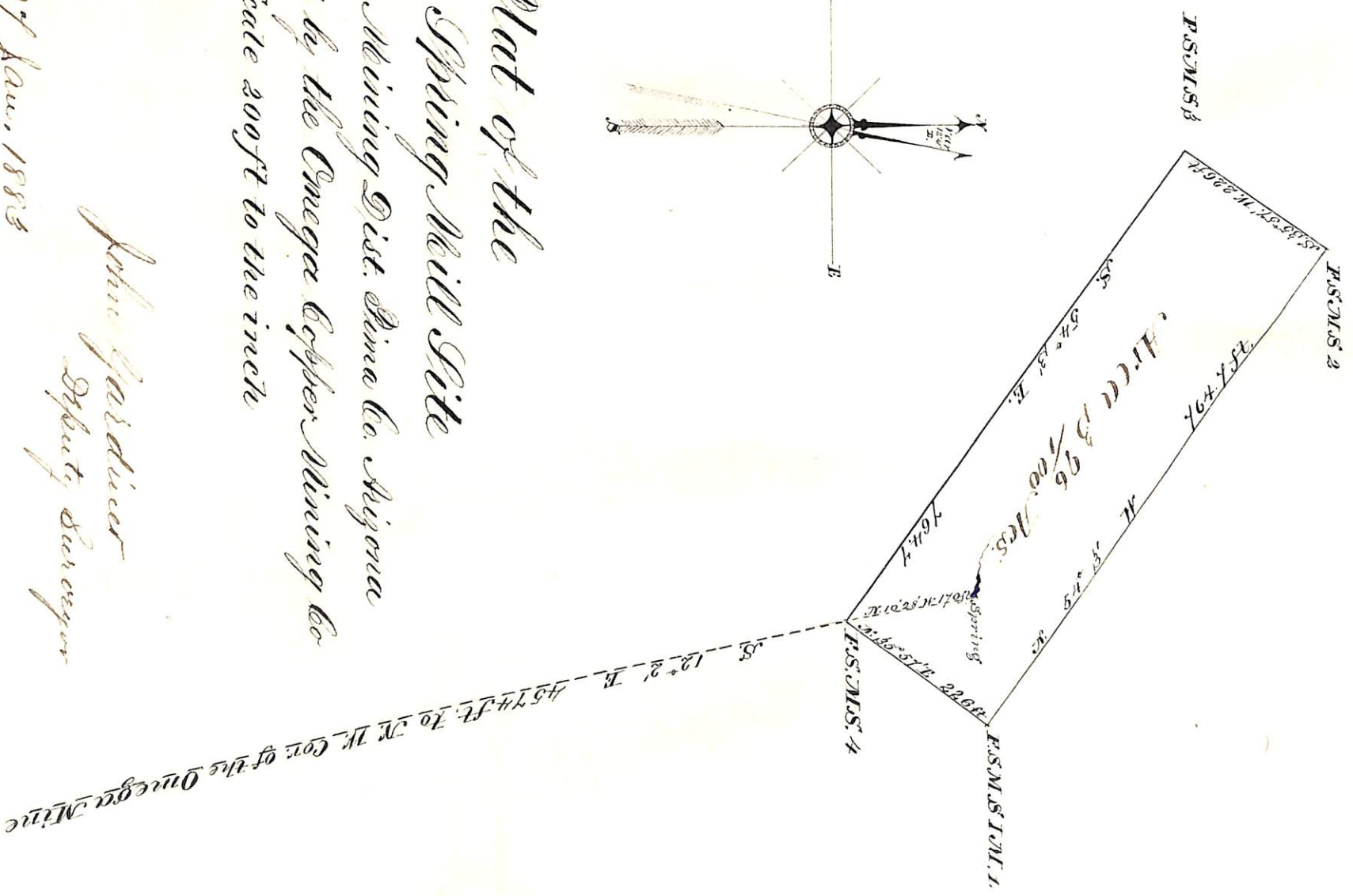
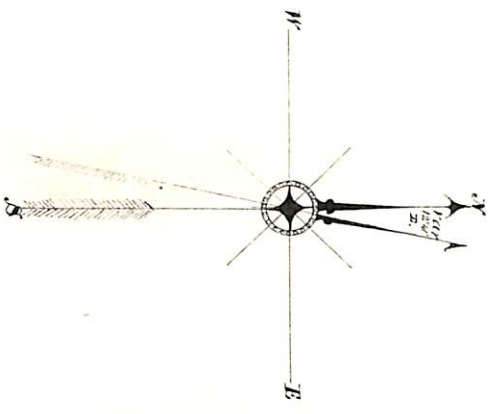
A. J. Davidson and Wakeman G. Foy of said County and Territory, being first duly sworn, each for himself and not one for the other, deposes and says that he is well acquainted with the land of the Personal Spring mill-site claim situated in Arivertia Mining Dist. Pima Co. Ariz. Gila and Salt River Meridian, in the County of Pima and Territory of Arizona, claimed by The Omega Copper Mining Company applicant for United States patent therefor; that he is well acquainted with the character of said described land included within the boundary lines as officially surveyed by John Gardner United States Deputy Surveyor, having frequently passed over the same; that his knowledge of such land is such as to enable him to testify understandingly with regard thereto; that there is not to his knowledge within the limits thereof any vein or lode of quartz or other rock in place bearing gold, silver, cinnabar, lead, tin or copper or any deposit of coal; that there is not within the limits of said land, within his knowledge, any placer, cement, gravel or other valuable mineral deposits; that no portion of said land is claimed under the local customs or rules of miners or otherwise; that no portion of said land is worked for minerals during any part of the year by any person or persons; that said land is essentially non-mineral land, and that there is within the boundaries of said claim improvements, to-wit: nil

and that he has no interest whatever in said described mill-site claim.

A. J. Davidson  
Wakeman G. Foy

SUBSCRIBED AND SWORN to before me this 27th day of January A. D. 1883; and I hereby certify that the foregoing affidavit was read to the said A. J. Davidson and Wakeman G. Foy previous to their names being subscribed thereto, and that deponents are reputable persons to whose affidavits full faith and credit should be given.

George J. Roskrutz  
 Notary Public  
 for Pima Co



Plat of the  
 Federal Spring Well Site  
 Helvetic Mining Dist. Sierra Co. Virginia  
 Claimed by the Omega Copper Mining Co  
 Scale 200ft to the inch

John Gardner  
 Deputy Surveyor  
 27 Jan. 1883

U. S. Surveyor General's Office.

Tucson, Arizona, Feb 14 1883

The foregoing field notes of the survey of the Fresnal Springs Mill Site Mining Claim situate in the Helvetia Mining District, Pima County, Arizona, claimed by The Omega Copper Mining Company survey executed by John Gardiner 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. W. P. Smith  
Surveyor General.