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LOT NO. 38

**Field Notes.**

of the survey of the

Warsaw

Mining Claim

Situate in Cro Blanco mining district

County of Pima and in Sec. 19, Tp 23 S

Range 11 E, of the Gila and Salt River Meridian.

Arizona.

Claimed by \_\_\_\_\_

The Orion Silver Mining Company

Survey executed by Colon M. Allis D. S.

Under instructions dated February 1, 1881

Survey commenced February 3, 1881

Survey completed February 3, 1881

PRELIMINARY OATHS FOR SURVEYS OF MINING CLAIMS AND MILL SITES.

WE, Thomas J. Durand and Benjamin J. Virgin 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 lengths, of all lines that we assist in measuring, to the best of our skill and ability.

Thos J. Durand  
B. J. Virgin

SWORN AND SUBSCRIBED before me this Third day of February 1881

Solon M. Ellis  
Notary Public  
For and in Pima Co. A. T.

I, Carolan Mather do solemnly swear that I will well and truly perform the duties of Flagman Survey of the Warraw Mine according to instructions given me, and to the best of my skill and ability.

Carolan Mather

SWORN AND SUBSCRIBED before me this Third day of February 1881

Solon M. Ellis  
Notary Public  
For and in Pima Co. A. T.



Field Notes  
— of —  
survey of  
U. S. Mineral Monument  
Number Two (2)

Coro Blanco District, Pinal Co. A. T.

— || —  
Established Feb 3<sup>rd</sup> 1881

By

Solon M. Allen U. S. Dep Min Surveyor

Recd Feb 11, 81

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Field Notes of U.S. Mineral Monuments  
No ~~one~~<sup>two</sup> Oro Blanco Dist. Pinal Co  
Established Feb 3<sup>d</sup> 1881

First I drove an iron bar  $1\frac{1}{4}$  inches in dia two feet long into a cleft in the ledge at summit of sharp peak at S.E. End of high Ridge upon what is known as the Ready Relief Hills in Southern part of Oro Blanco District and about 8 miles S.E. of the Old Ostrich mill - by the new Road built by the Ariz. Co.

I then set an Oak Pole largest end up - and about three inches in dia - marked U.S. M. M. N<sup>o</sup> 2 Pole eight feet high and set as pin above described. I then built

a monument of stones 5 ft in dia at base and  $5\frac{1}{2}$  ft high from which Highest Point of Oro Blanco Peak bears  $N 85^{\circ} 47' E$

Var  $12^{\circ} 20' E$  by Observation on Polaris

Premontorio Peak bears  $S 36^{\circ} 25' E$ .

This is a prominent Peak in Sonora. A monument of stones on summit of Mt Bartlett bears

Field Notes and Description of  
U.S. Monument No 1 Oro Blanco  
Dist Continued.

S 43° 32' W. Mt Durand  
bears N 41° 40' W

Method of getting Var.  
Took observation on Polaris  
when at its greatest Western  
Elongation. Found the angle  
to Magnetic bearing to be 13° 55'  
As Azimuth for 1880 Lat 32 = 1° 34' 50"  
I subtract same Elongation being W 12° 20' 01"  
Giving Var = 12° 20' 10" East

at Place of Observation.

Assistants + Witnesses to setting job.

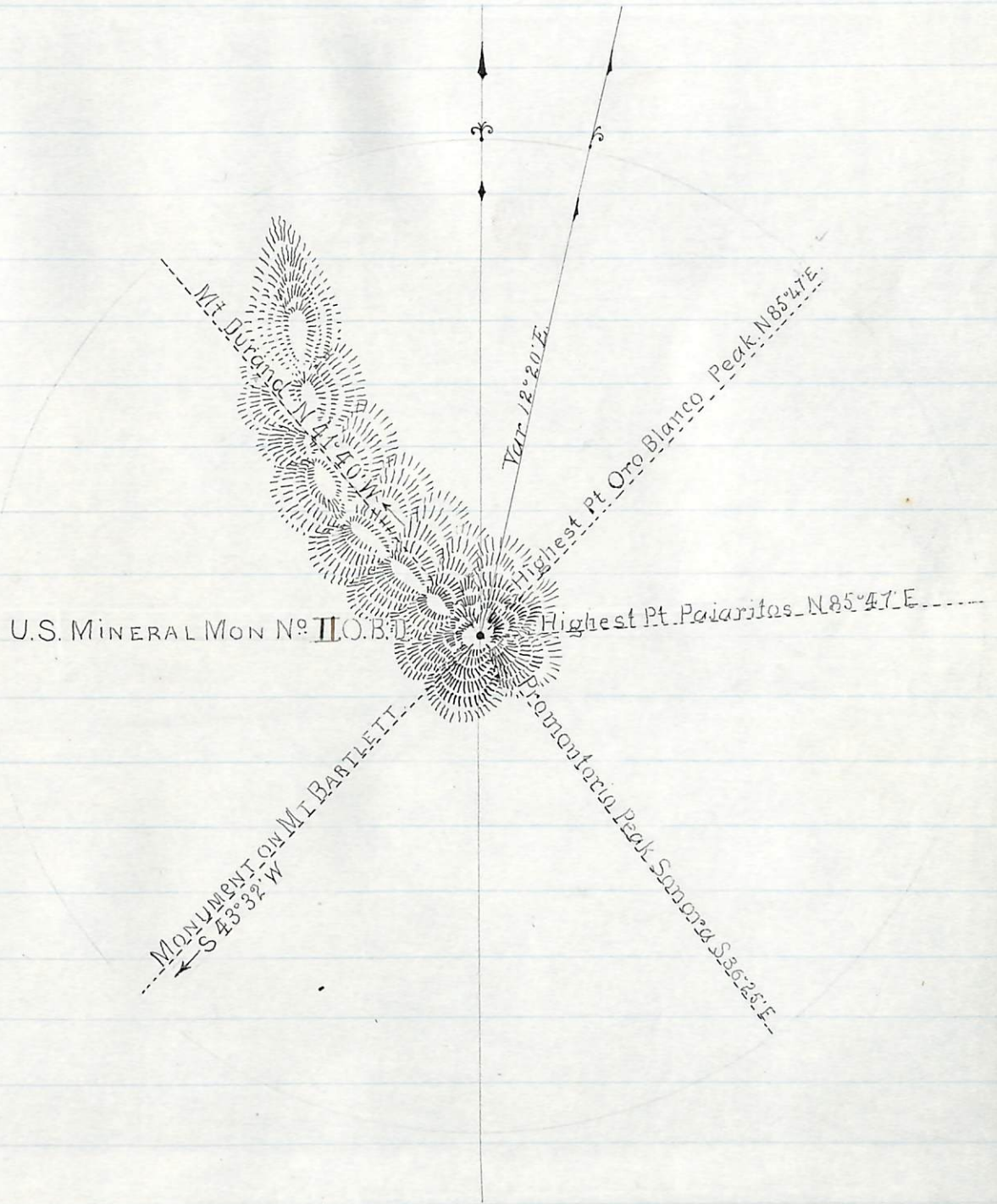
Le Moathers  
W<sup>m</sup> Anthony  
Thos Durand  
Nath Lovcombe

Solon M. Allis  
U.S. Dep. Mineral Surveyor.

SKETCH OF U.S. MINERAL MONUMENT N° II.

ORO-BLANCO DISTRICT. PIMA CO.

Established Feb 3<sup>d</sup> 1881. By S. M. Allis U.S.D.S.



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Field Notes of Survey of the  
Warsaw Mine Oro Blanco Dist  
Surveyed Feb 3<sup>d</sup> 1881.

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Feet Commenced at the Initial Monument  
where notice of location was posted.  
Set a pine post 5 x 5 inches sq 5 ft  
high - 2 feet in the ground. Post  
marked W.N. = 1 Built a monument  
of stones 2 1/2 feet high from which  
(Var 12° 20' E by Obs on Polaris)  
U.S. Mineral Monument N = 2.  
bears S 17° 55' W Dist 670 feet.  
From this post I first ran a line  
through center of the claim which  
bears N 30° 50' E  
Var 12° 20' E.

165 ~~At a pt 165 feet from post on this~~  
~~line~~ shaft N = 2 is 170 ft to Rt  
shaft N = 4 is 70 ft to left courses  
right angles  
~~perpendicular~~ to line -

273. Crossed trail running S.E. to shaft N = 2

519 Found old line monument from which  
Cal Bathu Dist Monument bears  
N 54° 50' E Dist 158 ft.

833 Shaft N = 5 is 28 ft Rt angles to line

1001 Cut N = 1 is 7 ft Rt <sup>angles to line</sup> extending Eastward

27 ft. ~~10 ft deep at upper end~~

10 x 10 at upper end 5 ft wide



Field Notes of Survey of the

Feet

Warsaw Mine Ore Blanco Dist

at lower end and running out at side of hill.

1114 Cut N<sup>o</sup> 2 - commencing 5 ft Pot cut 19 ft long 5 ft wide 8 ft deep at upper end

1353 Cut N<sup>o</sup> 3 commencing 23 ft Pot and 37 ft long 10 ft wide and 16 ft deep at upper end where a tunnel extends into the hill ten feet then turns to lefts running 16 ft further. Direction of this cut S.W.

1426 crossed Ore road crossing line nearly at Pot angles. N.E. long B. Shop. 60 ft left (16 x 24 ft)

1498 1/2 Drilled hole 15 inches in solid rock and drove a drill of steel 1 1/4 inches in dia firmly to the bottom drill projecting 12 inches

15111 Set a post 2 x 6 inches 2 ft high nailing same to side of the assay office 7 ft 4 inches from S.E. cor of same. Post marked WN<sup>o</sup> 4. Built a monument of stones one foot high.

Returning to Initial Point and Starting from Post N<sup>o</sup> 1 I ran along South End boundary S59°10'E Var 12°20'E

also common to Wabash claim

## Field Notes of Survey of the

- Feet Warsaw Mine Ore Blance Dist  
 98 To Road running N.E.  
 202 To Open cut 63 ft to face of tunnel  
 extending northwly into the hills 18  
 ft further and ending at an  
 incline dipping westerly and 80 ft deep.  
 3111 To S.E. cor of claim where I set an  
 oak Post 4x4 inches sq 5 ft high  
 marked W N<sup>o</sup> 2. Set post 2 feet in  
 the ground and built a monument of  
 stones 2 1/2 ft high from which shaft N<sup>o</sup> 1  
 bears N 40° 40' W Dist 69 ft. Shaft  
 40 ft deep - Shaft N<sup>o</sup> 2 bears N 40° 40' W  
 Dist 208 ft. ~~This shaft 60 ft deep.~~  
 S.E. cor of Blacksmiths shop bears  
 N 82° 10' W Dist 44 ft.  
 Old cor Monument of first location  
 bears S 86° 40' E Dist 86 ft.  
 Thence I ran along Eastern Boundary  
 of claim N 30° 50' E  
 Var 12° 20' E.
- 100 To N.E. cor of the Wabash claim  
 125 To Ore road running S.E.  
 532 To supposed cor of Mary Jane claim  
 No monument.  
 1112 Along the line of Franklin claim  
 to Road running nearly south  
 1160 To Trail running S.E. -

Field Notes of Survey of the  
Warsaw Mine Ore Planes Dist

Feet

- 1500 To N.E. Cor of claim where I set an Oak Post 3x3 inches sq 5 ft high marked WN<sup>o</sup> 3. Set post two feet in the ground and built a monument of stones 2 1/2 ft high  
 Thence I ran along N.E. End Boundary 71.59° 10' W  
 Var 12° 20' E 104 <sup>inclined</sup> get to pt opp<sup>n</sup> shaft <sup>in</sup> 38 ft left said shaft on crosslead and 80 feet deep dipping 45° South.
- 292 1/2 to pt opp S.E. Cor of Assay office dist  
 One inch from line.
- 3111 To Post N<sup>o</sup> 4 - already described.
- 322 1/2 To point opp S.W. Cor of Assay Office two inches from line.
- 350.8 To Cor of Stone wall Retaining high embankment. This corner about six inches left of line - The whole wall being on Warsaw ground.
- 375 To a point opposite end of wall 23 ft left.
- 600 To N.W. Corner of claim where I caused a hole 15 inches deep to be drilled in solid rock and drove a steel drill 1 1/4 inches in dia firmly in - and set a post of Oak 4x4 inches sq 5 ft high marked WN<sup>o</sup> 5

Feb  
 Field Notes of Survey of the  
 Warsaw-Moin Oro Blanco Dist

From which S.E. Cor of Boarding house  
 bears  $N 4^{\circ} 20' E$  Dist. 33 ft.

S.W. Cor is 43'4 Dist. Building 44x16ft

Thence I ran Along West boundary  
 also common to the Norman claim  
 $S 30^{\circ} 50' W$  - Var  $12^{\circ} 20' E$   
 40 To Road running South

190 To " " south West

From this pt N.W. Cor of Sleeping House  
 or Miners quarters is 65 ft dist to the  
 left course at angle to line. House  
 16x48 ft.

31111 Crossed road from Oro Blanco

1050 crossed trail running South

1060 " head of ravine running N.W.

141111 Cor of Frank O'Brien's claim

1500 S.W. Corner of claim where I set an  
 Oak Post 3x3 inches sq 5 ft high marked  
 $W. N^{\circ} 6$  set post 2 feet in the ground

and built a monument of stones  
 2 1/2 ft high from which shaft  $N^{\circ} 4$   
 bears  $N 84^{\circ} 50' E$  Dist 269 ft

Old S.E. Cor of Warsaw bears  $S 88^{\circ} 50' W$   
 Dist 43 ft.

Thence I ran along South End  
 Boundary also common to the Frank

Field Notes of the Survey of the  
Warsaw Mine Ore Blance Dist

Feb

O. Merica S 59° 10' E

Var 12° 20' E

150 To Cor of Frank O. Merica and Wabash  
claims This being the N.W. Cor of latter.

300 To Initial Monument the place of  
beginning - Containing 20.66 acres

General Description

This claim lies in the Southern part  
of the Ore Blance Dist being Co  
A.T. about eight miles from  
the old Ostrich Mill by the new road  
built by the Orion Company.

It is found to lie in a South-  
Westely and North Eastely direction  
upon a high round hill called  
Warsaw Hill the highest part of the hill  
being about 650 ft from the south  
end of the claim and one hundred  
feet East of center line.

The work performed by  
the claimants and grantors consists  
of 5 shafts 4 cuts 2 tunnels  
one drift and 1 incline  
One Blacksmiths Shop one logging  
House for men

Field Notes of the Survey of  
the Warsaw Mine Ore Branch Dist.

General Description  
Continued -

Shaft No 1 = 5 x 7 ft	40 ft deep
" No 2 = 5 x 7 ft	60 ft "
" No 3 = 5 x 7 ft	80 "
" No 4 = 5 x 7 ft	30 ft "
" No 5 = 5 x 7 ft	214 ft "

This shaft has a drift at the 150 ft level  
of 40 ft. Cuts & Tunnels have been described

The work thus performed <sup>by Claimants & Grantee</sup> exceeds  
the five hundred dollars necessary  
or required by law.

This claim contains 20.66 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 the Warsaw Mine located in Orv Blanco Mining District, Pima County, Arizona, showing the respective capacities in which they acted.

Thos J. Durand Chainman.  
B. J. Virgin Chainman.  
Carolyn Mathus Axeman.  
Carolyn Mathus Flagman.

WE hereby certify that we assisted Solon M. Allis U. S. Deputy Surveyor, in surveying the Warsaw Mine

claimed by the Orv <sup>Silver</sup> Mining Company, located in the Orv Blanco 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.

Thos J. Durand Chainman.  
B. J. Virgin Chainman.  
Carolyn Mathus Axeman.  
Carolyn Mathus Flagman.

SWORN TO AND SUBSCRIBED before me this fourth day of February 1881

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 John Wasson, U. S. Surveyor-General for Arizona, bearing date the 1<sup>st</sup> day of February 1881, 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 Warsaw Mining Claim claimed by The Orv <sup>Silver</sup> Mining Company located in Orv Blanco 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 19<sup>th</sup> day of February 1881

John Wasson  
U. S. Sur. Genl.  
Citizen Print.



Marsau Silver and Gold mine

Notice of Location, We the undersigned having located this mining claim known as the Marsau March 5<sup>th</sup> 1877, now make a new located covering the same ground under the same name to wit: the Marsau Silver and Gold mine, we do this to more fully comply with the mining act of May 10<sup>th</sup> 1872. Notice is ~~hereby~~ given that in pursuance of an act of Congress dated May 10<sup>th</sup> 1872 we the undersigned have this day located and claimed fifteen hundred acres sit on this vein or lode of Silver & Gold bearing quartz and three hundred feet in width on each side thereof, located in Oro Blanco Mining District, County of Pima Territory of Arizona and more particularly described as follows to wit: Commencing at a monument of stones on the lode on the south west end of claim which bears north ten degrees west from Mount Baulett and south sixty degrees east from the summit of Indian Hills, thence south fifty nine degrees east three hundred feet to post in rock mound, thence north thirty one degrees east fifteen hundred feet to a post in rock mound, thence north fifty nine degrees, west three hundred feet to



a monument of rock on ledge, thence  
 north fifty nine degrees west three  
 hundred feet to a post in rock mound  
 thence south thirty one degrees west fifteen  
 hundred feet to post in rock mound,  
 thence south fifty nine degrees east  
 three hundred feet to place of beginning  
 This mine shall be known as the ~~Nansen~~  
 Silver and Gold Mine, and this notice  
 being posted in the Center Monument  
 on the south end. Dated March 4<sup>th</sup> 1898

J M Kirkpatrick

J A Flood

Original location

Recorded in Book A page 71 of records of  
 Oro Blanco Mining District, J M Kirk-  
 patrick District Recorder, Filed and  
 recorded at request of J M Kirkpatrick  
 Dec 18<sup>th</sup> 1898 at 10:15 a.m.

J H Carpenter County Recorder

By W A McDermott Deputy County Recorder





County Recorder,

*Chas. R. Drake*

hand and affixed my official seal, at my office in Tucson  
this *7<sup>th</sup>* day of *July* A. D. 188*7*

IN WITNESS WHEREOF, I have hereunto set my

*Records of mine*

as appears of Record now in my Office in Book *D.* Pages *509 & 510*

being a receipt or acknowledgment *of* *Wm. H. Turner*  
*of* *Wm. H. Turner* *and* *his* *firm*, *the* *Turner*  
*firm*, do hereby certify that the above and foregoing is a full true and correct copy

*of* *Wm. H. Turner* *and* *his* *firm*, *the* *Turner*  
*firm*, do hereby certify that the above and foregoing is a full true and correct copy

*I, Chas. R. Drake, County Recorder in and for the County of Pi-*

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

## AFFIDAVIT OF FIVE HUNDRED DOLLARS IMPROVEMENTS.

We, *Nathaniel Crocomb* and *William Anthony*  
of lawful age, being first duly sworn according to law, depose and say that we are acquainted with  
the *Warsaw Mine*  
\_\_\_\_\_ mining claim, situate in *Orv Blanco*  
\_\_\_\_\_ Mining District, *Pima* County, Arizona  
Territory, for which *The Orion Mining Company*  
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  
applicant and grantor exceeds Five Hundred Dollars in value, and further that we are  
not personally interested in said mine.

*Nathaniel Crocomb*  
*W. G. Anthony*

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

SWORN AND SUBSCRIBED before me this *Fourth*  
day of *February*, 188*1*.

*Solom M. Ellis*  
Notary Public  
*Pima Co. A. T.*

We the undersigned having located this mining claim known as the Warsaw March the 5<sup>th</sup> 1844 now make a new location covering the same ground under the same name to wit: The Warsaw Silver & Gold Mine we do this to more fully comply with the Mining Act of May 10<sup>th</sup> 1872.

Notice is hereby given that in pursuance of an Act of Congress dated May 10<sup>th</sup> 1872. We the undersigned have this day located & claimed fifteen hundred linear feet on this vein or lode of silver & gold bearing ore & three hundred feet in width on each side thereof located in Oro Blanco District in the County of Pima & Territory of Arizona & more particularly described as follows to-wit:

Commencing at a monument of stones on the lode on the south west end of claim which bears north ten degrees west from Mount Bartlett & south sixty degrees east from the summit of Indiana hill thence south fifty nine degrees east three hundred feet to post in rock mound - thence north thirty one degrees east fifteen hundred feet to a post in rock

mound - thence north fifty nine degrees west three hundred feet to monument of rock on the ledge  
 Thence north fifty nine degrees west three hundred feet to post in rock mound - thence south thirty one degrees west fifteen hundred feet to post in rock mound - thence south fifty nine degrees east three hundred feet to place of beginning. - This claim shall be known as the Warsaw Silver & Gold Mine

This notice being posted in the center monument on the south end.  
 J. M. Kirkpatrick  
 Dated March 4<sup>th</sup> 1878. J. A. Flood  
 Original Location  
 Recorded at request of J. M. Kirkpatrick  
 signed A. B. Jenks  
 Recorder

W. H. Brown Office  
 Oro Blanco Ct.  
 Feb 4 1881.

I certify that the foregoing is a true copy of the record of the Warsaw Mine as recorded in District records book 24 page 71.

W. H. Brown  
 Recorder

Ono Blanco Feb. 3<sup>d</sup> 1881

Amended Location

N

Now to more fully comply with the law and to better fix the location of the Warsaw mine the undersigned former owner - do hereby make an amended location ~~and~~ as follows -

In addition to the above description which is made part of this location The East Center end or initial Monument lies 670 ft from U.S. Mineral Monument No. 1.\* situated on summit of Rocky Ridge upon the Rocky Relief Mine and which bears from said center end monument South  $5^{\circ}35'$  W

Ben<sup>n</sup> Morgan  
Attorney for the  
Orion Silver Mining Co  
Present owner

\* Should be No. 2; Field notes of survey changed and order issued on March 14, 1881. to properly number this monument as number 2.

1 over 1

Amended Notice  
of the  
Warsaw mine

Rec. & Co. Office,  
TUSSON. - - Pima Co., A. T.

Filed and recorded at request of  
Ben Mylan  
Feb 11<sup>th</sup> A. D. 1881,  
at 145 P M  
Book B. Rec of Mines  
Pages 4-5-6  
W. S. Drake

County Recorder.

U. S. Surveyor General's Office.

Tucson, Arizona, *February 25, 1881.*

The foregoing field notes of the survey of the *Marsaw*  
*Mining Claim* situate in  
the *Oro Blanco* Mining District, *Pima*  
County, Arizona, claimed by *The Orion Silver*  
*Mining Company*  
survey executed by *Solomon 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.

*John Basson,*

Surveyor General.



# PLAN OF WARSAW MINE

Oro Blanco District.

Pima Co A.T.

