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LOTS NO. 45, A + B.  
Survey Number 417 + 418.

Field Notes

of the survey<sup>of</sup> of the

Democrat Mining and  
Mill Site Claims.

Situate in Pima mining district,

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

Range \_\_\_\_\_, of the Gila and Salt River Meridian.

Arizona.

Claimed by Santa Rita Land  
and Mining Company,

Survey executed by Colon M. Ellis D. S.

Under instructions dated September 9<sup>th</sup> 1882.

Survey commenced September 14, 1882.

Survey completed September 15, 1882.

# PRELIMINARY OATHS

FOR SURVEYS OF MINING CLAIMS AND MILL SITES.

WE, J. A. Cooney and Hugh F. McGuire  
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.

J. A. Cooney  
Hugh F. McGuire

SWORN to and subscribed before me, this 11<sup>th</sup> day  
of September, 1882.

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

I, Geo. D. Smith  
do solemnly swear that I will well and truly perform the duties of Flagman  
Survey of the Democrat Mine according to instructions given me,  
and to the best of my skill and ability.

Geo. D. Smith

SWORN to and subscribed before me this 11<sup>th</sup> day  
of September, 1882.

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

*FIELD NOTES.*

Of the Survey of the  
*DEMOCRAT MINING*  
*CLAIM.*

Pima Mining District Pinal Co. AZ.

Surveyed under order of  
 Surveyor General J. W. Robbins  
 Date Sept 9 1882

Survey made Sept 14<sup>th</sup> 1882  
 by  
 Solon McAllin  
 U. S. Dep Minerals Surveyor -

4

1

Field Notes of Survey of the  
Democrat Mining Claim Pima Mining  
District Pima County A.T.

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Commenced at Initial Monument N<sup>o</sup> 1  
at East End of claim where Notice of  
Location was placed I set a pine post  
2x4" sq 5ft long marked D.N<sup>o</sup> 1. 2  
feet in the ground and built a  
monument of stones 2 1/2 feet high around it.  
Thence I ran

Feet

Var 13° E by observation

on Polaris -

300

N 9° W Along the East End boundary  
of the claim to N.E. Cor - where I  
set a pine post 2x4" sq - 5ft long marked  
D.N<sup>o</sup> II. set 2 ft in the ground  
and built a monument of stones  
2 1/2 ft high around it.

Thence I ran

Var 13° E

450

S 81° W along N. Side boundary  
of claim then also the South  
side boundary of the Western Extension  
of the San Xavier Mining Claim Lot N<sup>o</sup> 41. A.

To S.W. Cor post of said claim then  
also being the S.E. Cor of the Arizona  
Queen Mining Claim - Lot N<sup>o</sup> 44.

600

To a point opposite shaft N<sup>o</sup> 1 dist  
55 ft to left of line -

630

To a point opposite shaft N<sup>o</sup> 2  
dist 70 ft to left of line -

1045

To a point opposite shaft N<sup>o</sup> 3 dist  
245 ft to left of line -

1300

To a point opposite shaft N<sup>o</sup> 4 dist  
215 ft to left of line -

1500

To N.W. Cor of claim where I set  
a pine post 2x4" sq 5ft long marked  
D.N<sup>o</sup> III set post two feet in the  
ground and built a monument  
of stones 2 1/2 feet high around it

5

2

Field Notes of survey of the Democrat  
Mining Claim Pima Mining Dist  
Pima Co. A. T.

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From which U.S. Mineral Monument  
No 2 Pima Mining Dist bears.

N 56° 15' E Dist 175 feet.

Feet

Thence I ran

Var 13° E

270

S 9° E Along the West End boundary  
of claim to edge of steep bluff.

300

To center of West End where I set a  
pine post 2x4" sq 5 ft long marked  
D. No. IV. set post 2 feet in the  
ground and built a monument  
of stones around it 2 1/2 feet high.

Thence I ran

Var 13° E

35

S 9° E continuation of this line to  
small gulch running East.

210

To Road to Mill and Mill Site

300

To S.W. cor of claim where I set a  
pine post 2x4" sq 5 ft long marked  
D. No. V. set post two feet in the  
ground and built a monument  
of stones 2 1/2 feet high around it.

Thence I ran

Var 13° E

200

N 81° E Along South side boundary of  
claim to a point opposite a cut.  
dist 300 feet to left of line -

430

To a point opposite shaft No 5 dist  
75 ft to left of line -

510

To a point opposite shaft No 26 Dist  
255 ft to left of line -

540

To a point opposite shaft No 6 - dist  
130 ft to left of line -

550

To a point opposite air shaft <sup>No 7</sup> of Tunnel  
Dist 250 ft to left of line -

595

To point opposite Mouth of Tunnel  
Dist 180 ft to left of line

Field Notes of Survey of the  
Democrat Mining Claim Pima  
Mining District - Pima Co. A.T.

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- 650 To Road running S.E.  
800 To Gulch running S.E.  
920 To " " N.E.  
1000 To Road " N.E.  
1445 To Gulch " N.  
1500 To S.E. cor of claim where I set  
a pine post  $2 \times 4$ "  $\frac{1}{2}$ "  $5 \frac{1}{2}$ " long  
Marked D. N. VI. set 2 ft  
in the ground and built a  
Monument of stones 2 1/2 feet high  
around it From which the S.W.  
Cor of Democrat Mill site  
bears  $S 83^{\circ} 28' E$  Dist 7 miles & 68 chains.  
The same cor of said Mill site  
also being found 700 ft from  
S.W. Cor of S.E. 1/4 of S.E. 1/4 Sec 12  
T. 17. S. Range 13. E. which bears  
 $S 18^{\circ} 49' E$  - Var  $12^{\circ} 53' E$  -

Thence I ran

Var  $13^{\circ} E$ .

- 135 N 90 W Along East End boundary  
of claim to Road running Eastly  
190 To gulch running Eastly -  
300 To place of beginning -

General Description:  
This claim lies about one mile  
west of Helmut Peak - Pima Mining  
Dist Pima Co. A.T. and about  
18 miles S.W. of Tucson. The N.W.  
portion of claim lies on a high  
hill - The S.E. and South portion  
in a flat at foot of same -  
The improvements made  
by Applicants and their grantors

7

4

Field Notes of Survey of the Demerits  
Mining Claim Pima Mining Dist  
Pima Co A.T.

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General Description

Account of Trenches & shafts and  
one Tunnel as follows -

Shaft No 1 = 4 x 6 ft 17 ft deep

" No 2 = 7 x 5 " 20 ft "

" No 3 = 4 x 6. 8 ft "

" No 4 = 6 x 4 4 ft "

" No 5 = 4 x 6 40 ft "

with 2 Drifts one 20 ft long  
the other 22 ft long -

" No 6 = 4 x 6. 4 ft deep

" No 7 = 4 x 6. 14 ft. (air shaft  
for Tunnel)

Cut No 1 4 x 2 x 6 ft long -

" No 2 4 x 3 x 20 ft long -

Tunnel - 4 x 6 - 275 ft long

Shafts drifts and Tunnel

aggregating 374 ft in length

the whole costing much  
More than \$500 -

This Claim contains 20.66 Acres

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



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

The Democrat Mining Claim located in Pima Mining district, Pima County, Arizona, showing the respective capacities in which they acted.

J. A. Boules Chainman.
Hugh F. McGuire Chainman.
Geo. D. Smith Axeman.
Flagman.

WE hereby certify that we assisted Solon M. Allis U. S. Deputy Surveyor, in surveying The Democrat Mining Claim claimed by The Santa Rita Land & Mining Company located in Pima 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.

J. Boules Chainman.
Hugh F. McGuire Chainman.
Axeman.
Geo. D. Smith Flagman.

SWORN TO AND SUBSCRIBED before me this 16th day of September 1882

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 9th day of September 1882, 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 Democrat Mining Claim claimed by The Santa Rita Land and Mining Company located in Pima 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 26th day of September 1882

J. L. Stiles Notary Public Pima County Arizona



( Democrat Mine )

Notice of Location, Notice is hereby given that in pursuance of an act of Congress, dated May 10, 1872 we the undersigned have this day located and claimed Fifteen Hundred (1500) linear feet on this vein or lode of Silver & other mineral bearing ore and Three hundred (300) feet in width on each side thereof, situated and described as follows to wit: Commencing at a monument of stones on the ledge in which is a copy of this notice on the East end of Claim which bears S. N. from a shaft on the "San Xavier Mine" about 90 feet in depth and distant about two thousand <sup>feet</sup> (2000) thence along the East boundary in a Southerly direction three hundred (300) feet to a mesquite Post set in a monument of stones thence in a westerly direction Fifteen Hundred (1500) feet along the South boundary to a Mesquite Post set in a monument of Stones, thence along the West boundary in a Northerly direction Six hundred (600) feet to a Mesquite Post set in a monument of stones, thence along the North boundary in an Easterly direction Fifteen Hundred <sup>(feet)</sup> (1500) to a Mesquite Post set in a monument of stones, thence along the East boundary in a

Southwesterly direction three Hundred (300) feet  
to the place of beginning. This Claim  
shall be known as "Democrat Mine" & is  
situated in the Pima Mining District in  
Pima County about 11 miles S. S. W. of the  
San Xavier Church in Arizona Territory  
Dated May 7<sup>th</sup> 1877

C. P. Fykes

A. S. White

Filed and Recorded at request of A. S.  
White June 19<sup>th</sup> 1877 at 4 o'clock P. M.

J. W. Carpenter Recorder

By J. A. Apperson, Deputy

TERRITORY OF ARIZONA, } ss.  
County of Pima.

I, Chas. R. Drake, County Recorder in and for the County of Pi-  
ma, do hereby certify that the above and foregoing is a full true and correct copy

of Location Notice of  
"Democrat Mine"

as appears of Record now in my Office in Book B <sup>Records of Mines</sup> Pages 664

IN WITNESS WHEREOF, I have hereunto set my  
hand and affixed my official seal, at my office in Tucson  
this 7<sup>th</sup> day of Sept. A. D. 1885

Chas R Drake

County Recorder,



## AFFIDAVIT OF FIVE HUNDRED DOLLARS IMPROVEMENTS.

We, *J. A. Coulee* and *Thos. H. Selby.*

of lawful age, being first duly sworn according to law, depose and say that we are acquainted with the

*Democrat*

mining claim, situated in

*Pima*

Mining District,

*Pima*

County, Arizona

Territory, for which *Geo D Smith* and

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 grantors exceed Five Hundred Dollars in value, and further that we are not personally interested in said mine.

*J. A. Coulee*  
*Thos. H. Selby*

TERRITORY OF ARIZONA,

County of *Pima* } SS.

SWORN to and subscribed before me, this *16<sup>th</sup>* day

of *September* 188*2*

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



# PRELIMINARY OATHS

FOR SURVEYS OF MINING CLAIMS AND MILL SITES.

WE, J. A. Coulee and Hugh F. Mc Guist

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.

J. A. Coulee  
Hugh F. Mc Guist

SWORN to and subscribed before me, this 11<sup>th</sup> day

of September, 1882

Solon W. Allis.

Notary Public Pima Co. A.T.

I, Geo. D. Smith

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

Survey of Democrat Mill Site - and vicinity according to instructions given me,

and to the best of my skill and ability.

Geo. D. Smith

SWORN to and subscribed before me this 17<sup>th</sup> day

of September, 1882

Solon W. Allis

Notary Public Pima Co. A.T.

*FIELD NOTES.*  
of Survey of the  
*DEMOCRAT MILLSITE.*

Pima Co A. T.

Surveyed under order of  
Surveyor General J. W. Robbins  
dated Sept 9, 1882

Survey Made Sept 15, 1882

By  
Solon M. Ellis  
U. S. Dep Miners Surveyor

Field Notes of the Survey of the Democrat Mill Site Pima Co. A.S.

Commenced at S.W. Cor of Mill Site  
When notice of Location was placed  
I set a pine post 2x4" sq 4 ft long  
Marked D.M.S. N<sup>o</sup> I set 1 ft in the  
ground and built a monument of  
stones 2 1/2 ft high from which  
S.W. Cor of S.E. 1/4 of ~~S.E. 1/4~~ Sec 13 - T. 17. S.  
R. 13 E. bears S 18° 49' W. Dist 700 ft  
S.E. Cor of Democrat Mine bears  
N 83° 28' W. Dist 7 miles & 68 chains.  
Thence Iron

Var 12° 53' E by Obs on Polaris -

115 N 13° 53' E along N.W. End boundary  
of Mill Site to a point opposite the  
North West cor of Stables 20 ft dist to  
Right of line.

330 To N.W. Cor of Mill Site when I  
set a pine post 2x4" sq 4 ft long  
Marked D.M.S. N<sup>o</sup> II, set one foot  
in the ground and built a monument  
of stones 2 1/2 ft high around it  
Thence Iron

Var 12° 53' E

562 S 76° 07' E along N.E. side boundary  
of Mill Site to Road running  
North

660 To N.E. Cor of Mill Site when  
I set a pine post 2x4" sq 4 ft long  
Marked D.M.S. N<sup>o</sup> III, set one foot  
in the ground and built a monument  
of stones 2 1/2 ft high around it -  
Thence Iron

Var 12° 53' E

330 S 13° 53' W To S.E. Cor of Mill Site  
when I set a pine post 2x4" sq  
4 ft long marked D.M.S. N<sup>o</sup> IV.  
Thence Iron set post one foot  
in the ground and built a



Field Notes of the Survey of the  
Desmoines Mill Site Pima Co. Ariz.

monument of stones 2 1/2 feet high  
around it.

Thence I ran

Var 12° 53' E

- 70 N 76° 07' W along S side boundary  
of Mill site to Road running N-
- 205 To a point opp - S.E. Cor of Smelter  
Dist 78 fr to Right of line
- 220 To point opp Well Dist 55 feet.
- 560 To " " S.E. Cor of House - Dist  
110 fr Right of line.
- 660 To S.W. Cor the place of beginning.

General Description.

This Mill site lies in the Santa Cruz  
Valley - and on the S.E. 1/4 of S.E. 1/4  
of Sec 12 T. 17. R. 13. E.

The improvements made  
by Applicants and grantor  
consist of one Smelter building  
36' x 42 1/2 fr - with Engine and  
Boiler Room adjoining 12 x 20 fr  
One House - 66 x 32 fr - including  
Veranda - One Stable 19 x 12  
One Well - 60 feet deep

Containing an area of 5 Acres

John Mc Allis  
U.S. Dep. Mineral Surveyor

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

The Democrat Mill Site

located in Pima Mining district, Pima County, Arizona, showing the respective capacities in which they acted.

J. A. Corneel Chairman.
Hugh F. McGuire Chairman.
Geo. D. Smith Axeman.
Flagman.

WE hereby certify that we assisted U. S. Deputy Surveyor in surveying

Solom Mc Allis

Democrat Mill Site

claimed by The Santa Rita Land and Mining Company located in Pima Mining District, Pima County, and in township No 17 S Range No 13 E 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.

J. A. Corneel Chairman.
Hugh F. McGuire Chairman.
Axeman.
Geo. D. Smith Flagman.

SWORN TO AND SUBSCRIBED before me this 16th day of September 1882

Solom Mc Allis
Notary Public Pima Co. A.T.

I, Solom Mc Allis U. S. Deputy Surveyor, do solemnly swear that, in pursuance of instructions from the U. S. Surveyor-General for Arizona, bearing date the 9th day of September 1882, 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 Democrat Mill Site - claimed by The Santa Rita Land and Mining Company - located in Pima 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.

Solom Mc Allis Deputy Surveyor.

SWORN TO AND SUBSCRIBED before me this 26 day of Sept 1882

R. L. Stiles
Notary Public
Pima County
Arizona





Filed and recorded at request of C. P.  
Sykes, April 12<sup>th</sup> A.D. 1883 at 12. m.

Chas. R. Drake  
County Recorder

TERRITORY OF ARIZONA, } ss.  
County of Pima.

I, Chas. R. Drake, County Recorder in and for the County of Pi-  
ma, do hereby certify that the above and foregoing is a full true and correct copy

of Location Notice of the  
Democrat Mill Site.

as appears of Record now in my Office in Book /

of Mill sites  
Pages 335.

IN WITNESS WHEREOF, I have hereunto set my  
hand and affixed my official seal, at my office in Tucson  
this 8<sup>th</sup> day of September A. D. 1883

Chas. R. Drake

County Recorder,



# NON-MINERAL AFFIDAVIT.

TERRITORY OF ARIZONA, )

County of Pima ) ss.

J. A. Coulee and Thos H Selby 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 Democrat — mill-site claim situated in Pima Co T 17. S. Range 13 E

Gila and Salt River Meridian, in the County of Pima and Territory of Arizona, claimed by The Santa Rita Land and 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 Solon M. Allen.

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:

One good Frame House 66 x 32 ft - Smelter 42 x 36  
Stable 18 x 12 - and Well 60 ft deep -  
and that he has no interest whatever in said described mill-site claim.

J. A. Coulee  
Thos H. Selby

SUBSCRIBED AND SWORN to before me this 16<sup>th</sup> day of

September A. D. 1882; and I hereby certify that the foregoing affida-

vit was read to the said J. A. Coulee and

Thos H. Selby previous to their names being subscribed thereto, and

that deponents are reputable persons to whose affidavits full faith and credit should be given.

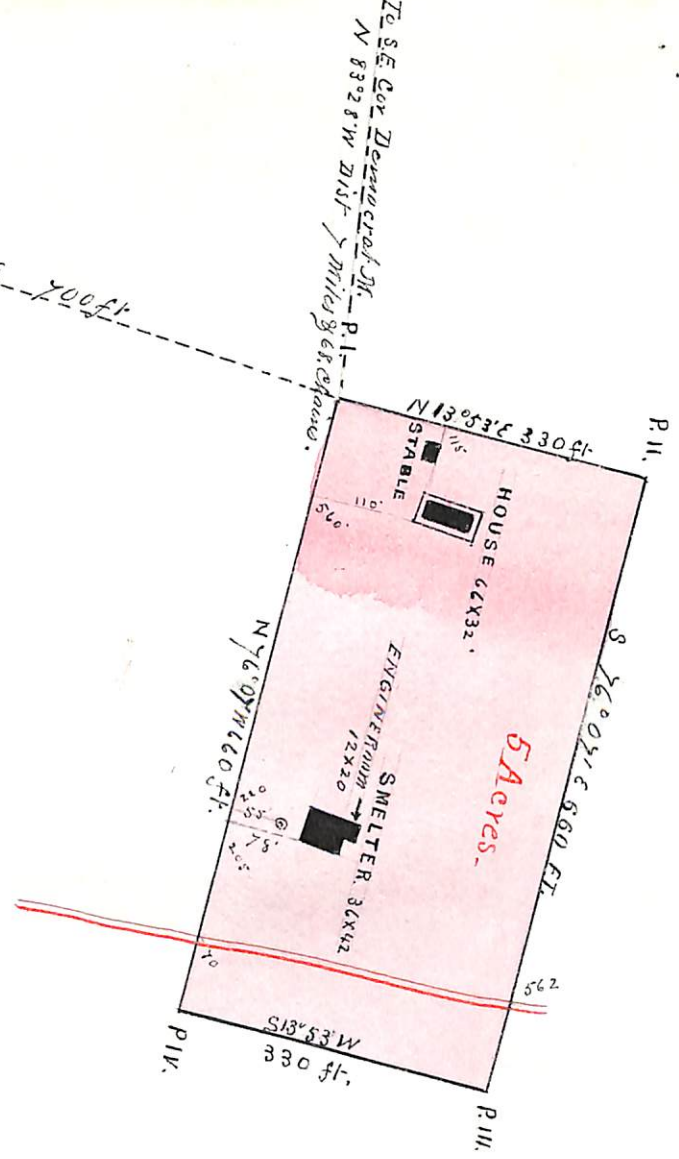
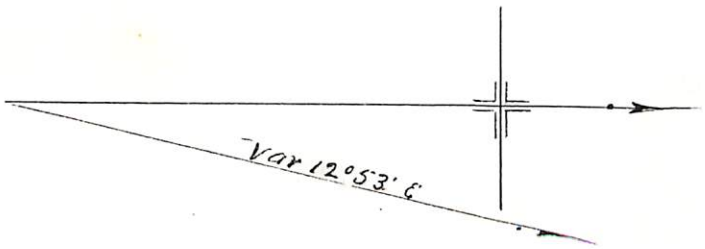
Solon M. Allen

Notary Public

Pima Co Ariz.



Survey not done yet



To SE Cor Democrat Mill P.I. -  
N 83° 28' W Dist 1/2 mile to E. corner.

SE 1/4 SEC 12  
T. 17. S. R. 13. E.  
1/4 Sec Cor.

### DEMOCRAT MILL SITE

Situated on S.E. 1/4 of S.E. 1/4 Sec 12. T. 17. S. R. 13. E.

## U. S. Surveyor General's Office.

Tucson, Arizona,

October 10<sup>th</sup> 1882.

The foregoing field notes of the survey of the Democrat  
Mining & Mill Site ~~Mining~~ claims situate in  
the Pima Mining District, Pima  
County, Arizona, claimed by Santa Rita  
Land and Mining Company,  
survey executed by Edwin W. 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. W. Robbins

Surveyor General.