

1772

BOOK 1772

1772

Field Notes

OF THE

Preliminary Survey
of the
Exterior Boundaries of the
San Juan de las
Boguilas y Nogales
Private Land Claim,
Gila and Salt River Base and Meridian

ARIZONA. BOOK 1772

By Solon M. Allis D. S.

Under contract dated Feb. 1, 1881.

Survey commenced Feb. 23, 1881.

Survey completed March 5, 1881.

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Field Notes of

1

Preliminary
Survey of the

San Juan de las
Boquillas y Nogales

Private
Land Claim
Cachise Co.
Arizona

Survey commenced Feb 23^d 1881
under instructions from Surveyor Genl
John Wasson dated Feb 22nd 1881

and
Contract of Feb 1st 1881 -
N^o 61

Preliminary Survey Completed
March 5. 1881

Solow M. Allis U. S. Dep Surveyor.

1A

Preliminary Oaths of Assistants.

We, Samuel K Van Pelt
and Charles W. Weeks

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.

Samuel K Van Pelt
Chas W Weeks

Sworn to and subscribed before me, this 23^d
day of February, 1881.



Solom M. Ellis
Notary Public
Pima Co AZ

We, William W. Dodd
and Charles W. Platt

do solemnly swear that we will well and truly per-
form the duties of Coxswain

and Flagman

according to instructions given us, and to the best
of our skill and ability.

Wm W. Dodd
Charles W. Platt

Sworn to and subscribed before me this 23^d
day of February, 1881

Solomon A. Ellis
Notary Public.
Pismo Cal. A. T.



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BOOK 1772

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San Juan de las Boquillas y
 Nogales Private Land Claims Cochise Co

Survey commenced Feb. 23rd 18

First proceeded to the point
 where the Babacornori Creek
 enters the San Pedro River
 and opposite what was once
 known as the Mule Mts.

Here I set a post of
 Mesquite 44 inches sq,
 five feet long marked

S. J. B. N. N^o 1. Two feet in
 the ground and built a
 mound of Earth around it.

This Post is set quite
 near the bank of the San Pedro
 River on its East bank and
 distant from the mouth of the
 Babacornori Creek which
 enters the San Pedro from
 the West, 46 feet bearing

San Juan de las Bequillas of
Nogales Private Land Claim between the A.

N 52° 32' W -

Var 11° 28' E by obs
on Polaris

From this Post the
S.W. Cor of an Adobe House
bears S 53° 10' East dist 430
feet.

Edge of River, dist 10 feet.

Steep Banks.

Having thus established
the Initial Point of the Survey
I proceeded to run the Center
Line South.

As by my instructions
this line is to be run 245
Cordelles to correspond with
the distance mentioned in
the original grant Papers I
find that it equals 33680.45
feet as by reference to

San Juan de las Boquillas y Nogales

Private Land Claim Cachin Co. N.M.

Feet printed instructions from the General Land Office at Washington - One Cordell contains 50 Varas and as by the same instructions "one Vara equals 32.99312 inches."

Taking the general course of the Valley from this point
I ran

Var $11^{\circ}28'6''$ by obs on Polaris at this point. $S10^{\circ}02'E$

300 To a point opposite Adobe House which is 300 feet left -

1100 Crossed Road to Fort

Waller running S.W.

3000 Crossed San Pedro River 15 feet wide running N.W.

4750 Crossed Road which runs up the Valley to Charleston -

San Juan de las Boquillas y Nogales

Pirate Land Claim Cochise Co. A.T.

Feet

- 5125 Adobe House 100 ft left
occupied by Chinaman who
has about 20 Acres under
Cultivation
- 7050 Top of flat Mesa here making
a steep point crossing the line
from the West.
- 8500 Crossed Charlester road
running S.W.
- 9500 Crossed San Pedro River running
N.E. here 10 ft wide.
- 10500 Opp Christiancy House 200 ft
left at foot of Mesa.

 Feb. 24th

- 13100 Top of steep rocky Ridge
crossing line in S.E. + N.W.
direction
- 13400 Bottom of Ridge
- 14200 Top of 2nd Rocky Ridge

San Juan de las Buguillas y Nogales

Private Land Claim Cochise Co. A.T.
Feet

N.E. & S.W.

- 15000 Opp Empire Mill also
called Boston Mill 600 ft
left.
- 15100 Crossed Ditch
- 15300 Empire Mill Office 1000 ft left.
- 15700 Boarding House 1100 ft left.
- 15800 Crossed San Pedro River 15
ft wide running N.W.
- 16000 Small Wooden House about 200
ft Right.
- 19600 A Point 10 ft Right of the
upper end of Mill Ditch
where it commences to run
straight. Direction of same
from this point $N 40^{\circ} 13' E$
- 19700 Crossed ditch.
- 19900 " San Pedro River 15
feet wide running N.E.
- 21500 Same running N.W.

San Juan de las Bequillas y Nogales

Pirate Land Blain Cochise Co. A. T.

feet

- 21900 Crossed ditch running N. W.
- 25300 " " " N. E.
- 25700 " River " N. E. 15ft wide-
- 26300 Crossed road to Charleston running S. E. at foot of steep Hill
- 27200 Crossed high pt of ridge
- 29300 Bottom of same which here is a steep rocky cliff-
- 29500 Cross River running N W 15ft wide
Gird Mole 700 ft left-
- 29880 Opposite Corbin Mole 1000ft left-
- 30200 Opposite large new block with hipped Roof near the Center of the village of Charleston and distant about 500 feet to the right.

San Juan de las Boquillas y Nogales

Pirate Land Claim Cachibos N.J.

Feet

- 30680 Cross the San Pedro River
running N. 16 ft wide.
- 33353 Crossed South Wall of the
ruins of old Corral of San
Rafael.
- 33680,45 Reached the South End Center
of the Claim where I set a
Mesquite Post 4 1/4 inches
sq 5 ft long marked
S. J. B. N. N^o 4. Set Post
2 ft in the ground and
built a monument of stones
2 1/2 feet high from which
Var $12^{\circ} 28' E$ at this
Point by comparison with
Transit line,

U.S. Mineral Monument
on Brinkon Hill bears $S 57^{\circ} 30' E$

A Large Cottonwood Stump
in bottom near the River bears.

San Juan de las Boquillas y Regales
 Pirate Land Claim location on A. S.

Set $N 71^{\circ} 47' W$ dist 168 ft -

February 25th

Returned to Initial Point of
 Survey at Batacomori Creek
 and starting at center as
 established proceeded to run
 across the claim to set Post
 N^o 2 at corner where sidelines
 intersect, the direction of Valley
 from this point northward
 makes an angle of $5^{\circ} 37'$
 West or to the left.

Turning 90° plus $\frac{1}{2}$
 deflection angle I ran
 Var $11^{\circ} 28' E$

$N 77^{\circ} 10' E$.

550

To a point opposite Barn
 190 ft to Right

700

To Road to Fort Waller

San Juan de las Boquillas y Nogales

Pirate Land claim Cachistev A. J.

Feet

running South

1200 To Charleston Road running South

5051.40 To Cornu where I set a post of pine 3x2 inches sq - 4 ft long marked S. J. B. N. N. 2. one foot in the ground and built a mound around it from which

A small Knoll about 30 ft high bears $S 61^{\circ} 58' W$ dia 30 ft.

Foot of steep bank of Mesa 50 ft dia. bears S.

Ajax Hill bears $S. 65^{\circ} 05' E.$

Returning to center or initial point I ran thence

Var $11^{\circ} 28' E$

20 $S 77^{\circ} 10' W$ to opposite or West bank of San Pedro River -

San Juan de las Boquillas y Nogales
 Private Land Claim Cochise Co. A.T.

Feet	here 10 ft wide
400	To point opposite House 600 ft left
500	To Bataconeri creek 5 ft wide running N.E.
2600	Crossed same running S.E. 10 ft wide
35111	" same running N.E. 10 ft wide
3700	Crossed road running N.E.
4600	Crossed sharp spur of high bluff of Mesa coming down from the right.
5045	Steep bank of steep gulch and dry wash 50 ft wide
5051.240	Set Post 99 feet North of true place as corner came in bottom of Arroyo. Set Post of Mesquite 3 x 3 inches sq. 5 ft long

San Juan de las Boquillas y Nogales

Private Land claim Cochise Co. A.T.

Feet

marked S. J. B. N. N.º 3-

3 ft from the East Bank
2 ft in the ground and
built a monument of stones
2½ ft high from which

A Mesquite Tree 16 inches
in dia bears N 32° 28' E.
dist 78 ft.

A Mesquite Tree 16 inches
in dia bears N 11° 32' W
dist 65 ft.

Returning to center or Initial
Point I ran down the Valley
According to my instructions
this line is to be 300 cordobas
or 41241.38 feet in length
on center line of Claim - Var 11° 20'
1800 N 15° 39' W to road
running S.W.

San Juan de las Buguillas y Nogales

Private Land claim Cochise Co. A.T.

ft

- 4900 Crossed San Pedro River
penning N.E. 10 ft wide.
- 4900 Adobe House about 2000 ft
right.
- 5500 Foot of Mesa Adobe House
about 2200 ft Rt.
- 7300 Adobe House about 2200 ft
right.
- 8000 Opposite Grand Central
Quartz Mills about 2600
ft right
- 8500 Office of same 2700 ft Rt

February 26

- 12,200 Crossed North Wall of ruins
of old Santa Cruz Corral
and building on summit of
steep bluff facing N. & E.
- 12,500 Foot of Steep bluff and
commencement of flat -

San Juan de las Boquillas y Nogales

Private Land claim. Located in the N.Y.

Feet

- 13600 Crossed San Pedro River
running West - here 15 ft
wide.
- 14900 crossed same running N.E.
- 17600 Opp Contenten Hills 1900 ft
Right Also New Hotel
1900 ft Rt.
- 20000 Crossed Road running N.W.
- 20500 Opp Sunset Hills about 2100
ft Right
- 21700 Crossed San Pedro River
running N.W. 15 feet wide
steep banks.
- 22800 Opp Adobe House 500 ft Rt
- 23200 " " " 700 " "
- 23700 " " " 500 " "
- 24850 " Old Chimney 15 ft Rt -
- 26700 " Adobe House with row of
Cottonwoods 800 ft Rt -
- 27813 Set post for turning point

San Juan de las Boquillas y Nogales

Private Land Claim located by S.J.

feet

as Valley here turns to the RT
Post of Mesquite 3x3 inches
5 ft long marked S.J.B.N.N. 7
Set two feet in the ground
and build a mound around
it from which

chimney of Mason's House
bears N $56^{\circ}28'E$ dist 1500 ft

Millow post (blazed) of
wire fence 6 inches in
dia 6 ft dist bears N
 $70^{\circ}02'W$

San Pedro River near
point bears $S 83^{\circ}09'W$
Dist 2125 feet.

Thence I ran down the Valley
Var $11^{\circ}28'E$

3360 N $1^{\circ}58'E$ To bank of San
Pedro River - Bank very
steep and high.

San Juan de las Boquillas y Nogales

Private Land Claim Leachis test
Feb

As river bottom was very much
broken with steep banks
and full of trees and brush
I turned right angle to
Course to the right and
run 1680 feet. Here I
turned right angle to left
and run on this offset line
N 1° 58' E

Var 11° 28' E

and at

- 3887 Crossed road to Tombstone
running S. E.
- 4337 Drew^d House 200 ft left
- 5887 San Pedro River 500 ft left
- 6687 Crossed Tombstone Road
running south
- 8887 Crossed same running S. E.
- 11987 " " " N. E.
- 13428.38 Reached North End of Claim

San Juan de las Boquillas y Nogales

Private Land claim between the N.Y.

feet

where I offset 1680 ft to left
at right angle to course and
set N. End Center Post.

Set Mesquite Post 4x4 inches
5 feet long marked S.J.B.N. N^o 10.
in a bushy flat. Set post
two feet in the ground and
built a mound from which

A Steep rocky bluff or
detached flat topped Knoll
N^o 1 bears S 85° 28' W

Dist 2000 ft

A Smaller flat topped Knoll
N^o 2 bears N 61° 02' W dist
2000 feet -

February 28
Thence I ran

Var. 11° 28' E

Along N. End boundary of

San Juan de las Boquillas y Nogales

Private Land Claim Cochise Co A.T.

feet

Claim S 88° 02' E

1780 In line of Telegraph Poles running south. Line of Claim 8 feet South of marked Pole. Mazed on 3 sides - Pole of red wood sawed - 8" sq -

1800 In Tombstone Road running south

2100 In same road running S. to N.E. cor of Claim where I set a Mesquite Post 3x3 inches 5 feet long marked S. J. B. N. No 12. Post in smooth grassy field set 2 feet in ground and built mound around it from which

A Mesquite Tree 16 inches in dia bears N 39° 02' W dist 194 feet

San Juan de las Boquillas y Nogales
 Private Land Claim Location Co. N.Y.
 fur

Outer face of steep bank of
 high Bluff (North Side) bears

$N 82^{\circ} 28' E$ dist about 800 feet.

Sharp high peak of Whitstones
 bears $S 88^{\circ} 58' W$

Reincem Peak bears $N 44^{\circ} 02' W$

Returning to post N=10 at
 Center of N. End Iran along
 N. End Boundary $N 88^{\circ} 02' W$
 Var $11^{\circ} 28' E$

660 Go steep bank of San Pedro
 River at the foot of which
 and 30 feet to the right
 ✓ the Head of the Mormon
 ditch is found

700 Cross River here 20 feet
 wide running N.W.

1650 cross road running N.

1700 Bottom of Hill or Spur from

San Juan de las Boquillas y Nogales

Private Land claim Coahuila Mex A. J.
Jest

The S. r. being foot of high
bluff.

3370 Cross road running N.

5045.40 Set Post at N.W. Cor of claim
in a flat plain free from
Brush. Post of Mesquite
4x4 inches 5 feet long
marked S. J. B. N. No. 1 Sub

Same 2 feet in the ground
and build a mound from
which

Rincones Peak bears N 41° 13' W

Flat topped Knoll No 2

bears N 68° 28' E

Flat topped Knoll No 1

bears S 83° 47' E.

Thence Iron along west side
boundary S 1° 58' W

Var 11° 28' E

981 To Summit of sharp ridge

San Juan de las Boquillas y Nogales

Private Land claim Cochise Co. A.T.

Feet

- of steep high Mesa forming
a narrow tongue
- 3100 Summit of 2nd High
Mesa forming a narrow
steep ridge
- 3500 road in flat running E. & W.
- 5280 Set Meile post of Pins 1 x 3
inches marked S. J. B. N. 1 Mile
- 10560 Set Meile Post No 2 on
summit of high ridge
- 14201.38 Set temporary post for
corner or turning point
at intersection of side lines

March 1st

Returned to Post No 7 already
described and ran across
the claim to set post for
intersection of East Side lines
Iran from Center

San Juan de las Boquillas y Nogales

Private Land claim located in A.T.
feet

Var $11^{\circ}28' E$

1220 N $83^{\circ}09' E$ across flat
To wire fence running
N + S at foot of Mesa.

5104.94 To corner where I set a pine
post 3x3 inches marked

S. J. B. N. N. 9. Post 4 ft
long drove one foot in the
ground and built a mon-
ument of stones around
it 2 1/2 feet high. This post
is on North slope of a flat
Mesa 400 feet North of a
steep Gulch -

Returning to center or
Post No. 7 I ran thence

Var $11^{\circ}28' E$

Towards intersection of West
sidelines S $83^{\circ}09' W$

1080 To West edge of plowed ground

San Juan de las Boquillas y Nogales

Private Land claims Cochise Co. A.T.

feet

- 1250 To Guich N + S.
- 1950 To steep bank of San Pedro River running N.W. hill 15 feet wide
- 2000 Cross road running N.W.
- 2275 Bottom of Mesa and steep bank
- 2400 Sharp ridge of detached Mesa facing the South. Small Adobe House about 700 ft left.
- 5104.94 Set post in corner finding my temporary post set 45 feet too far East and 92 feet too far South making the distance from spot N^o 11 to this post
- 14109.38 ~~14109.38~~ feet as measured and 92 feet less than calculated distance 14201.38 ft
This error of 92 feet in

San Juan de las Boquillas y Nogales

Private Land claim Caehin Co. A. T.
 feet

measurement is allowed for
 in running the next mile

Post of Mesquite 3x3
 inches sq 5 ft long marked
S.J.B.N. No. 8 Set two feet
 in the ground and
 build mound from
 which

Rincon Peak bears N 37° 28' W

Sharp Peak of Whitton

Mts bears N 78° 30' W

Hence I ran from Post No. 8
 Var 11° 28' E

Along West boundary of claim
 S 15° 39' E

1639 Set 3^d mile post from N.W.
 Cor- in flat 12 ft north
 of Road.

1651 Crossed Road running N.E.
 & S.W.

San Juan de las Boquillas y Nogales

Private Land Claim Cochise Co. A. J.
Jr

- 3750 Top of steep bank of Mura
 6919 Set Moile Post No 4
 8200 Crossed road E + W.
 12199 Set Moile Post No 5
 17479 " " " No 6
 22759 " " " No 7
 24800 Opp large flat hills about 1500
 ft left -
 28039 Set Moile post No 8
 Country from 3750 ft
 to here rolling mesa
 covered with good grass
 and much brush

March 2nd

- 28450 Struck 15 ft at or west of
 Post No 3 already described
 as being set 99 feet north
 of true place or point - This
 makes my line as

San Juan de las Boquillas y Nogales

Private Land Claim Cochise Co. A.T.
 feet

measured 209.21 feet longer
 than calculated distance 28240.79 ft

As the middle line was through
 comparatively level ground
 and free from obstructions I
 concluded the error to be
 in measuring and assumed
 the corner to be correctly
 established as described
 heretofore and allow error of
 209.21 feet in measuring
 the next mile -

Thence Iron

Var $11^{\circ}28' E$

Along West side of claim
 from Post No 3. $S 10^{\circ}02' E$

- 125 To South side of steep bank of
 Arroyo - and foot of steep bluff
 500 Summit of steep bluff
 1500 Opp Louisa and pond

San Juan de las Buguillas y Nogales

Private Land claim Cochise Co. A.T.
feet

- 300 ft left.
- 31150 Cross Babacomari Creek
running East.
- 42111 Summit of high steep bluff.
- 4980 Set 9th Mile post from NW
corner.
- " Note This mile post last run
" from Cornua post N^o 3 to this
" post N^o 9. is short 99 feet
" as I overlooked the fact of
" having set post N^o 9 north
" of true point 99 feet.
- 8500 Summit of steep bluff facing
a wide valley to the south
- 10260 Set Mile post N^o 10 in a flat
level plain.
- 10300 Crossed road running S.W.
- 15540 Set Mile post N^o 11 on
north slope of low ridge.

San Juan de las Boquillas y Nogales

Private Land Claims between Es & J.

feet	
15800	Top of low ridge
20000	Road 100 ft left
20820	Set mile post No 12
22300	Cross Road running S.W. in flat -
26100	Set mile post No 13. on Ridge
26300	Top of ridge coming down from hill 1500 ft left. Road 800 ft Rt -
30700	Crossed Road to Chauluten running N.W. + S.E.
31380	Set mile post no 14 on small knoll in hollow
33434.24	Set temporary low Post -

March 9th.

Started at post No 4 already
described and ran along
south End boundary of
Claim.

San Juan de las Boquillas y Nogales

Private Land Claim Luchist Co A.J.
feetVar at Post $12^{\circ}28' E$

- 120 S $79^{\circ}58' W$ crossed San
Peano River 15 ft wide running
north
- 310 Crossed Road running North -
- 1470 " " " "
- 1860 Foot of Mesa -
- 5045.40 Set post at SW cor of claim
finding my temporary post
83 feet short of proper place
and 35 feet too far East -
making the distance from Post
No 3 to this post ~~5045.40~~ as measured
- 33517.24 By calculation this distance
should be 33434.24 ft making
error in measurement 83 ft.
- S
- Set post of pine 3x2 inches sq
marked. S.J.B. N N $\frac{1}{2}$ 5 and
build a mound from which

San Juan de las Boquillas y Nogales

Private Land claim Pacheco A. J.

Feet

U.S. Mineral Monument
on Brantow Hill bears $S 78^{\circ} 04' E$
Var at this point $11^{\circ} 26'$ East
Monument on Girard Hill bears
 $N 45^{\circ} 56' E$.

Returning to Post No 4
Iran

Var $12^{\circ} 28' E$
 $N 79^{\circ} 58' E$ along South End
boundary of Claim

1080

In top of flat Ridge
Var here $13^{\circ} E$.

2100

Top of second ridge sloping
north Var here $12^{\circ} 20' E$.

5045.40

In S.E. Corner of claim
where I set a pine post 4×2
inches sq 4 ft high one foot
in the ground. Marked
S. J. B. N. No. 6 and built a
monument of stones 2 1/2 feet

Sau Jaun de las Boquillas y Nogales
 Private Land Claim Mexican los A. J.

High From which Var $11^{\circ} 38' E$

Chimney of Bradshaw
 Hoisting works bears $N 54^{\circ} 58' E$
 Dist 1060 ft approx

U. S. Mineral Monument
 on Brantow hill bears $S 4^{\circ} 32' W$

Ajax Hill bears $N 7^{\circ} 14' 08' E$

Phenex Iron

Var $11^{\circ} 38' E$

Along East side boundary
 of Claim $N 10^{\circ} 02' W$

To road running N, W.
 From this point Var $11^{\circ} 26' E$

A Mineral Shaft bears
 $N 42^{\circ} 43' E$ Dist 45 ft

Chimney of Bradshaw Hoisting
 works. bears $S 81^{\circ} 32' E$.

Dist 1008 ft approx

2600 Bottom of steep rocky gulch

2700 Road from Tombstone to Charlatan

San Juan de las Boquillas y Negallas

Private Land claimbacher A. J.

running N. W.

3700 Cross Road running W.
1 hour 300 ft left -

4100 Cross Road running W. W. S.

5280 Set Mile post No 1 from S. E.
corner -

5700 Cross Road running W.

7100 Top of round flat Hill

7500 Cross Gulch running E. W.

7900 " Road " N. W.

9500 Opp large round hill about 1500
ft. E. -

10560 Set Mile post No 2

15500 At this point Ajax hill bears
N 38° 28' E.

15840 Set Mile post No 3.

17500 Top of ridge running N. W.

19000 Cross road running N. W.

20300 Top of high ridge.

20900 Cross road running N. W.

San Juan de las Boquillas y Nogales

Private Land Claim Cochise Co. A. T.
Foot

- 21120 Set Mile post No 4
 26200 Opp Adobe House in Valley
 2700 ft left.

March 4th

- 26400 Set Mile post No 5 on steep
 ridge
 26800 Opp new wooden house in
 valley dit 1500 ft left approx
 28700 Crossed steep gulch 100 ft wide
 31680 Set Mile Post No 6
 33586 Crossed gulch 100 ft wide
 33986 Struck point 43 ft left of
 post No 2 already described
 As this line is by calculation
 33926.66 feet long error in
 measurement amounts to 59.34 ft
 said error I allow for in
 measuring the next mile.
 From this post I

San Jaina de las Bequillas y Nogales

Private Land claims Oachistlan A. T.

ran

Var $11^{\circ}28' E$

$N 15^{\circ}39' W$

- 600 To road running N, W.
 2263 " bottom of Mesa and
 end of wide flat.
 2600 Top of high ridge
 3034 Set Mile post $N=7$.
 3900 Top of high hill
 From here to 8290
 cross series of small hills
 and hollows full of brush
 8290 Crossed Road from Grand
 Central Mills to Mine -
 8314 Set Mile post $N=8$

March 5th

- 10900 Cross Gulch and road.
 13594 Set Mile Post $N=9$.
 17250 Cross Road from continuation

San Juan de los Boquillos y Nogales

Private Land Claim Cochise Co N.Y.

feet

mill to Tombston S.E.

17800 Cross high and sharp ridge

18874 Set Nail post No 10

24154 " " " " " "

27356 Struck point 37 ft left of Post No 9 already described

As my line should be (by calculation) but 27286.21

feet I find this line has 69.79 feet error in

measurement which I allow for in measuring next mile.

Thence I run from Post No 9
Var $11^{\circ} 28' E$

600 N $1^{\circ} 58' E$ to bottom of hill

1400 To road to Tombston running E, W.

1500 Bottom of hill and end of flat.

San Juan de los Boquillas y Nogales

Private Land claim Cochise Co N.T.
flat

2148 Set Mile post No 12 - From here a succession of Gulches Ravines + sharp ridges of fort hills of Mesa =

71428 Set Mile Post No 13

8080 Crossed old road to Tombstone in flat running a little N of E.

9000 End of flat and bottom of high steep bluff

Offset here 400 ft left, right angle to line then turned right angle to rt to avoid steep bluffs and ran

Var 11° 28' E

N 1058' E

9150 opp pt of Bluffs 100 ft Rt

9800 " " " " 250 " "

9900 " " " " 280 " "

12000 Offset to right ^{400 ft} into line and ran N 1058' E and ab

San Juan de las Boquillas y Nogales

Private Land Claim Bacheles A. Y.
feet

12615 Struck a pt 15 feet left of
Post No 12 already dismantled
As this line is by calculation ¹²⁶⁵⁵
feet long error in measurement
equals 40 feet

As this line was over
extremely rough ground I
assume the post as set to be
correct.

This Closed the Survey

General Description

This claim is found in
the San Pedro Valley 60
miles S.E. of Tucuman at
its lower end -

Initial Point being at
Batacomori Creek where

San Juan de las Boquillas y Nogales,
 Private Land Belains Cochise Co. A.T.

it empties into the San
 Pedro River and opposite
 what used to be called the
 Meneblts now called

Dombston Hills Ajax Hill
 being the highest point. By

Original Grant papers
 this grant contains 4 sq
 leagues and as the center
 line was measured south

from opp mouth of
 Batacomori Creek 245
 Cordelles & 33680.45 feet
 and northward 300 cordelles or

41241.38 feet thus making the
 Center line 545 Cordelles

or 74921.83 feet long, and
 as the Grant calls for 4 sq
 leagues. I make the
 width 10090.8 feet and

San Juan de las Boquillas y Nogales
Private Land Claim Luchins Co. A.T.

one half width to be consequently
5045.40 ft

The Grant therefore
contains 4 sq leagues or
17355.856 Acres.

The Initial Point
is in a wide smooth Valley
which gradually narrows
towards the South end
until at a point one or
one and a quarter miles
north of south end the
Valley becomes a narrow
gorge between high hills for
one half a mile then the
Valley widens and the
Town of Charleston is found
to be about $\frac{3}{4}$ of a mile
north of South end of
Grant

San Juan de las Boquillas y Rogales
Private Land Claim located by A. J.

Going south from Initial Point a number of farmers have taken out water from the San Pedro River and are getting one or two Hundred acres under cultivation.

Going north from Initial Point the Valley maintains a width of over a mile for about one and three quarters of a mile or a little above, the Grand Central Mill where it rapidly narrows to a gorge two miles from Initial point and opposite the ruins of old Santa Cruz.

San Juan de las Boquillas y Nogallas
 Private Land between Coahuila & N.M.

After passing the gorge
 northward the Valley widens
 to a point about 3 miles
 distant where it becomes
 nearly as wide as the Plains
 and is bounded on each
 side by high and steep
 Bluffs intruding in sharp
 steep points upon the plain

The Mesas upon
 the West side are comparatively
 smooth and much fine
 grass is found

On the East side
 the Country is much
 cut up by ravines and
 hills covered with cat
 claw and other thorny
 bushes. No timber is

San Juan de las Boquillas y Nogales
 Private Land Claim Loachin Co. A. J.

found except a few scattered trees along the bottom of the San Pedro at its lower end. At the S. E. corner of the Grant the End and side lines cross several mining claims and the Needle is quite materially affected. Crystals of Selenite and some Gypsum of the fibrous variety are found on the bluffs on the N. W. side of the Claim but I saw no Gypsum beds in place.

The bottom lands between the Mesas are of the finest description and many acres are under cultivation. North of

San Juan de los Boquillas y Nogales
Private Land Claim Cochise Co. A. T.

the Grand Central Mills
Upon this claim is
found the Towns of
Charleston and Contention
City and the following named
quartz mills all ~~all~~
~~obtaining~~ their ore from
Tombston Mine. At
Charleston the Gird and
Corbin Mills, At Contention
City the Contention and
Summit mills. A little
above the Contention mill is
found the Grand Central
Mills about two miles
dirt - and about six miles
dirt the Empire Mills
also called the Boston
Mills.
The Mills ports

San Juan de los Boguillas y Nogales
 Private Land Claim Cochise Co. A.T.

are all of pins 3 X 1 inches
 and all marked

S.T.B.N. & numbered consecutively
 from N.W. & S.E. corners -
 Respectively

Survey finished
 March 5th 1887

Solon M. Allen
 U.S. Dep. Surveyor

List of Names.

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 San

Juan de las Paquillas
y Nogales Private Land
Claim.
Cochise County, Arizona

Showing the respective capacities in which they
acted.

Samuel K. Van Pelt Chainman.

Chas W. Weeks Chainman,

Jm W. Dodd Axeman.

Charles W. Platt Flagman.



Final Oath of Assistants.

We hereby certify that we assisted Solon
Mc Allis U. S. Deputy Surveyor, in
 surveying The San Juan de los
Boquillas y Nogales
Private Land Claim
Coahila Co Arizona Territory

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.

John W. Dadd Chairman.
Charles W. Dadd Chainman,
John W. Dadd Axeman.
Charles W. Dadd Flagman.

Sworn to and subscribed before me, this Fifth
 day of March, 1881.

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

Final Oath of Deputy Surveyor.

I, Solon M. Allis

U. S. Deputy Surveyor, do solemnly swear that in pursuance of a contract with John Wasson, United States Surveyor-General for Arizona, bearing date the first 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, the ~~Surveying Manual~~, and the laws of the United States, surveyed all those portions of ~~the~~

San Juan de los
Requillas y Nogales
Private Land
Cochise 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 ~~Surveying Manual and printed instructions, and also in accordance with the additional requirements con-~~

~~trained in circular instructions from the U
Surveyor General for Arizona, dated Septem
1, 1873, regarding the establishment of cor
boundaries of public surveys, and that the fo
going are the true and original Field Notes
such surveys.~~

Solon M. Allen
Deputy Surveyor

BOOK 1772

Sworn to and subscribed before me, this 26
day of March, 1881.

John Messer
U. S. Sur-Genl



U. S. Surveyor General's Office,
Tucson, Arizona, April 26, 1881.

preliminary
The foregoing Field Notes of the survey of

the Exterior boundaries of the
San Juan de las Boquillas y Nogales
Private Land Claim,

Coahise county, Arizona.
~~of the Gila and Salt River Base and Meridian, Arizona~~
executed by Solon M. Allis,

D. S., under his contract of the first day of
February, 1881, having been critically ex-
amined and the necessary corrections and explanations
made, the said Field Notes and the surveys they de-
scribe, are hereby approved.

John Nasson

Surveyor General.