

1766

Preliminary Survey

BOOK 1766

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Field Notes

OF THE SURVEY OF

The Eastern Boundaries
of the
Private Land Claim
San Jose de Sonora,
Pinal County.

~~Gila and Salt River Base and Meridian~~

BOOK 1766

ARIZONA.

By John L. Harris, D. S.

Under contract dated Jan. 14, 1880.

Survey commenced Feb. 11, 1880.

Survey completed Feb. 18, 1880.

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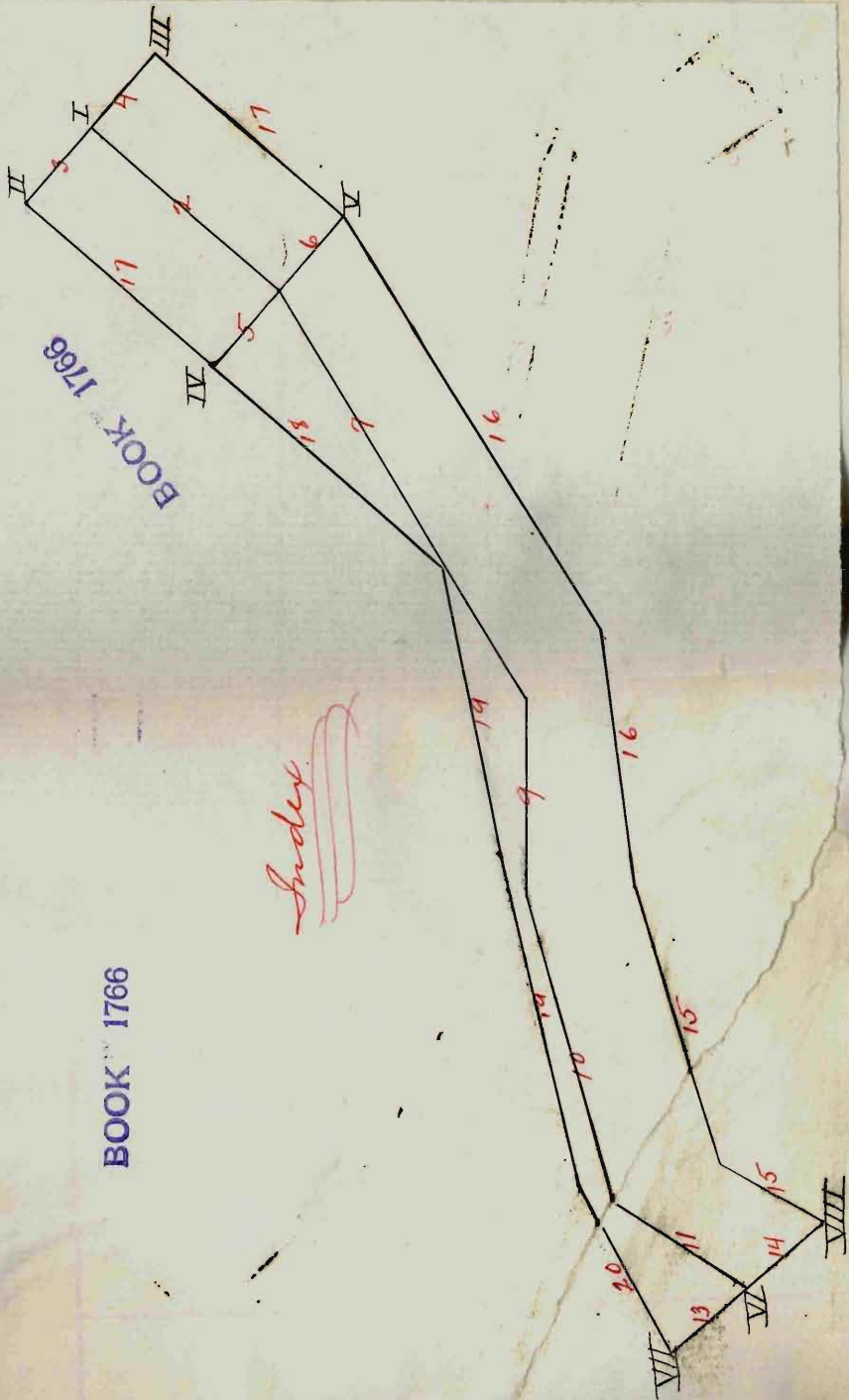
1766

Field Notes
of
The Survey of
Exterior Lines of the
San Jose De Sonora
Private Land Claim
Pima County, Arizona
Surveyed Feby 11-18, 1880
Under Contract of date Jan'y 14, 1880

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Preliminary Oaths of Assistants.

We, Frank A. Curtis
and Eraristo Saing
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 as-
sist in measuring, to the best of our skill and
ability.

Frank A. Curtis
Eraristo Saing

~~Frank Carpenter~~

Sworn to and subscribed before me, this 30th
day of January, 1880

John L. Harris
U.S. Dep. Surveyor

We, Frank Carpenter
and Apolonis Moraga
do solemnly swear that we will well and truly per-
form the duties of Magistrate and
Assessor respectively
according to instructions given us, and to the best
of our skill and ability.

Frank Carpenter
Apolonis Moraga
Notary John L. Harris

Sworn to and subscribed before me this 30
day of January, 1880

John L. Harris
U.S. Dep. Surveyor.

San Jose De Sonora Claim
Pima County, Arizona

The Survey commenced Feb'y 11. 1880.

Standing on the spot as-
signed as the initial of
the claim, and which is
on the foundation of the
N. wall of the abandoned
place of ancient San Jose
De Sonora, I set a post
4 ft. long. 4 in. sq. in. in mound
of stones and marked S.
J. D. S. P. S. Co. - C., from which
1st House of Ewing old place is
S. $2\frac{1}{2}$ E. 90 lns. dist. 2^d House
is N. $75\frac{3}{4}$ W. 81 lns. dist
The 4th sec. cor. bet' secs. 13 & 14.
Tp. 22 S. R. 15 E., of the Gila
and Salt River Meridian,
Arizona, is S. $40\frac{1}{2}$ E. 9. 44 chs. dist
And from this ^{post} ~~site~~ I run

San Jose de Sonora Private Land Claim
Pima County, Arizona.

No. N. $40\frac{1}{2}$ E.

var. 14° East

Refect Burt's Solar Compass

- 16.33 Main road br NE SW
22.00 Run off mesa into bottom.
22.76 Main Road S.E.
24.76 Sonovata river 30 lbs. wide NW.
30.23 S. Lowell's House br. N.E. $25\frac{1}{2}$. 19.84 ch. 1/2
51.44 Acequia br. NW.
52.90 Same acequia br. SW.
77.51 Acequia br. NW.
78.32 Acequia br. NW.
130.59 Sonovata river br. SW. only cross
N. bend
131.25 On Cordello, counting the
rara at 33 inches, I look
for monument. The place
answers the description
somewhat. There is "a bit
th. valley going on and

San Jose de Sonora Canon
Pima County, Arizona

As turning to the east. But can
find no monument. So I
set a post 4 ft. long 4 in sqd.
1 ft in the ground, in mound
of ~~stones~~ ^{east} and mark it
S. P. L. C. 1.

Cone Top at end of Patagonia
Mts. bro. S. E. 60°

Santa Rita main Top bro. N. 76.26°

There is no "Spring" anywhere.
It is near "the foot of some
low hills".

Land - through center of valley
Soil, at Rate.

Febry 11. 1889.

Thence I run
N. 49 1/2° W.

var. 124° East

9.50 Leave valley, run on high hills

San Jose De Sonora Canon
Pima County, Arizona.

- No. Continued -
- 52.09 "On a high white hill covered with grass" But can find no mound. So I set a post 4 ft. long, 4 in. sq. in. in a mound of stones and marked S. P. L. C. 2.
Land mostly hilly and poor.

Returning to Post 1. just run from
Iron thence
S. $49\frac{1}{2}^{\circ}$ E.
var. 14° E.

- 0.10 Sonora river 15 hrs. wide in Sec.
26.48 Main Road br. N. of E.
26.79 Leave valley among rolling hills.
29.26 House br. S. W. 65° 16.85 Chs. dist.
52.09 There are no "hills covered with oak trees" anywhere near this.

San Jose de Sonora Calaveras,
Pima County, Arizona

No. 400 can I find any mound.
So I set a post. 4 ft. long 4
in. sq. in mound of stones
and marked S. P. L. C. 3.
Large valley and hills.

These hills may have had
oak trees in time past. There
are many oak trees now, far-
ther W.

"Returning to the center" post
at the old mission site, I run
N. 49 $\frac{1}{2}$ ° W.

var. 14° E.

- 5.15 Run off mesa into bottom.
5.54 Sonora river 35 m. wide, br. S.W.
22.50 Leave valley, run on rolling hill
32.09 "On a hill" but can find no
mound. Set a post. 4 ft. long

San Jose De Sonacita Claim
Pima County, Arizona

Obs. 4 in sq. d. in mound of stones
and marked S. P. L. C. 4.
Land valley and hill.
Much good soil.

Returning to the "Center" at the
old mission site. I run
S. $49\frac{1}{2}^{\circ}$ E.

var. 14° East

- 50.99 Main Road to. SW.
11.00 Leave valley run on rolling hills.
50.93 "On top of rather a high hill end-
ing in a high red mountain"
and having many oak trees,
and line touches an old
stone monument, perfectly
answering description and
easily identified as the
main "heap of stones".

San Jose de Sonoyta Calam
Pima County, Arizona.

to Continued

52.09 Set a post. 4 ft. long. 4 in. sq. d.
in mound of stones and
marked S. P. L. C. 5.

Land very broken and rough.

Febry 12, 1888

Returning to the "entra" at the
old mission site I run as
follows for topography and
information: viz

S. W. $58\frac{1}{2}$

var 114° East.

- 5.00 Entra bottom.
11.92 Sonoyta river 50 lbs wide flows SW.
22.30 do. " 50 " " " W.
45.00 do " 45 " " " Sagitt.
48.06 Old Furnace br. S 10° W. about 15 chs. dist.
61.43 Sonoyta river 50 lbs. wide, flows N. of W.
84.55 Main Road br. N. W.

San Jose De Sonovita Clarain
Pima County, Arizona.

Elev.	Continued
86.00	Run out of valley on its S. side
116.00	Little ravine cr. N.W.
118.50	Leave same and Astec Mill
	building cr. N. about 200 hrs. dist.
1224.00	Houses at Astec works about
	300 hrs N.
125.00	Run down into valley on S. side.
133.24	Sonovita river bending SW then
	N.W. but don't cross.
143.64	Sonovita river cr. S.W. 48 hrs. wide
148.86	Main Road cr. SW.
149.10	Run out of valley on N. side.
168.00	Enter valley, N. side.
168.39	Main Road cr. N. of 00.
177.24	Sonovita river bends N.W. then SW.
	but don't cross.
5179.90	Sonovita river 35 hrs. wide cr. N. of 00.
181.63	do " 45 " " " S.W.
186.26	do " 40 " " " N.

San Jose De Sonora Claim
Pima County, Arizona

As Continued

- 186.94 Sonora river 43 hrs. wide br. SW.
187.41 Main Road br. SW.
188.00 Leave valley on N. side
226.10 Sanfords dwellinghouse br. S. $8\frac{1}{2}^{\circ}$ W.
about 5 hrs. dist. a large store
house 200 hrs. S.E. of the dwelling.
Main Road runs bet them
233.00 Run down into valley N. side.
233.12 Acquia br. N. W.
236.84 Main Road br. N. W.
237.24 Sonora river 38 hrs. wide, br. N. W.
248.00 Run out of valley on S. side.
251.00 To a point. The valley has bent
sharply to N. W.

From this point Drive
West

var $13^{\circ}50'$ East

As per Burt's Solar Compass

- 106.00 To a point: the valley has been

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San Jose De Sonvita Claim
Pima County Arizona

Th. twisting in a narrow cañon
to the N. of this course.

And from this last pt. I run
S. 74° W.

var. 13° 40' East

As per Buete Solar compass

3.30 Enter valley on S. side.

4.60 Main Road br. S.W.

6.90 Acquia br. S.W. And Sanfords
lower house br. S. about 4 Ch. dist.

41.43 Main Road br. N.W.

42.00 Leave valley on S. side.

62.00 Enter valley on S. side

65.64 Sonvita river 30 hrs. wide runs S.W.

68.29 Main Road br. S.W.

70.00 Leave valley on N. side, it being
a cañon.

102.20 Wide dry wash br. S.W. 300 hrs. long

122.91 Enter valley on N. side.

125.00 ^{main} Road br. N.W.

San Jose De Sonoyta Camino
Pima County, Arizona

As Continuid

- 126.73 Sonoyta river 30 hrs. wide br. N.W.
 127.10 Leave valley on S. side.
 163.75 Enter valley on S. side
 166.75 Main Road br. S. W.
 167.00 To a point. x

Air from this pt Drum
S. 35° W.

var. 14° East

As per Busts Solar Compass

300 Main Road br. N. W.

6.70 Do. " S.W.

12.50 House about 300 hrs. S.

14.56 Sonoyta river 50 hrs. wide br. S.W.

32.34 do " 45 " " " N. of pt.

37.62 do " bends S. W. then N. W. but
 dont cross it.

44.87 Sonoyta river 40 hrs wide br. S.W.

61.17 Main Road br. N. W.

80.91 To a point which from

San Jose DE Sonoyta Claim,
Pima County, Arizona

The subsequent calculations I make the center of the N. end of the claim. I set a post 4 ft. long, 4 in. sq'd. in mound of earth and mark it S. J. DE S. P. L. C. C.

I can find no mound. Where the post falls, the cañon is "turning more to the W." But there are "droppings down of table lands on the main road" at many points.

There is a "ford of the river" made by the road at a fit some 10 chs. E. S. E. from this corner.

If the original measurement had gone 312 cords in the numberless turns of the cañon they would

San Jose De Sonora Claim
Pima County Arizona

This probably not have gone beyond my terminus.

At any rate the claim calls for $1\frac{3}{4}$ sq. leagues of land of a width of 50 cordels, and I am certain that my eastern limit is right and this post 6 for a western terminus will give the required quantity of land.

Febry 13. 1888.

Hence Drum

N. $49\frac{1}{2}$ W.

var. $13^{\circ}55'$ East

As per Burt's Solar Compass

5.36 Main Road br. S.W. $4\frac{1}{2}$ W.

5.59 Acquia br. S.W.

9.00 Leave valley or canon, ascend on

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San Jose De Sonoyta Chum
Pima County Arizona

Ths. high broken table.

52.09 Set a post. 4 ft. long, 4 in. sq. in. in mid. of stones and marked S. P. L. C. 7.

Highest peak of San Cayetano br. N.W. $51^{\circ}10'$.

↓ The Main Top of Santa Rita br. N $10\frac{1}{2}^{\circ}$ E. Can find no mound.

Returning to Post G. Dam S. $49\frac{1}{2}^{\circ}$ E.

var. $13^{\circ}55'$ East

0. 66 Sonoyta river 400 yds wide br. Sw.

7. 60 Leave valley or cañon some on rolling hills.

52.09 Can find no mound. Set a post. 4 ft. long. 4 in. sq. in. in mound of stones and marked S. P. L. C. 8.

There is a double hill about a mile S.E. of this point, but the two heads are not at

San Jose De Sonora Claim
Pima County Arizona

Ch. all alike and I do not visit
the hill.

And from this post I, I run
N. 30° 01' E.

var. 13° 55' E.

62.50 To a point of angle, where
I set a post 4 ft. long. 4 in
sq'd. in mud of stones and
marked S. P. L. C. A.

Land broken and rough.

Thence I run

N. 73° 58' E. var. 13° 55' East.

151.45 To a point of angle, where
I set a post. 4 ft. long. 4 in.
sq'd. in mound of stones
and marked S. P. L. C. A.

Land rough and broken. Feb 21/1880

San Jose De Santa Clara
Pima County Arizona

Thence Inm
N. $82^{\circ}42'$ East

var $14^{\circ}10'$ East

As per Burt's Compass.

37.00 Dry rocky gulch 100 ft wide br.
N.

138.56 To a point a fangle where I
set a post 4 ft. long, 4 in. sq. id,
1 ft. in the ground, in ground
of stones and marked
S. P. L. C. A.

Rocky and broken ground.

Thence Inm
N. $58^{\circ}42'$ E.

var. $14^{\circ}08'$ East

✓ As per Burt's Compass:

110.00 Dry gulch 100 ft wide br NW

183.00 Dry gulch 70 " " " NW

250.00 By calculation I should be

San Jose De Sonora Claim
Pima County, Arizona

This at post 5, with this measurement, but I am a little to the right of it and 90 lbs. short. This much I have lost on the bad ground which is very rough rocky and difficult.

Going to post 5 thence I run thence

N 40 1/2° E.

var. 14° East

As per Burt's Solar Compass

10.00 Deep gulch 50 lbs. wide to N.W.

131.25 To cor. post 3.

Land rocky and broken then rolling.

Febry 16. 1886.

I now go to cor post No. 2 and run thence

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San Jose De Sonoyta Claim
Pima County Arizona

Rs. S. 40 1/2 W.

Var. 14° East

131.25

To post No 4

Land high rolling grassy hills

And from post of Iron
S. 59° 19' W.

Var. 14° 9' East

116.00

Asper Buerto Solar Compa.

Road to Asteo Mill Co. S & SE

161.98

To a point of angle where
I set a post 4 ft. long.

4 in. sqd. in mound of
stones and marked

S.P.L.C.A.

Land rough broken and
mountainous and im-
practicable mountains to left.

San Jose De Sonora Claim
Pima County Arizona

No. Thence Iron
S. 78° 14' W.

var. 13° 52' East

As per Burt's Solar Compass

152.37

To point of angle where
I set a post 4 ft. long,
4 in. sq'd. in mound of
stones and mark it

S. P. L. C. A.

Land broken mountainous
and nearly impracticable.

Febry 17. 1888.

Thence Iron
S. 73° 44' W.

var. 13° 45' East

As per Burt's Solar Compass

184.04

To a point of angle where
I set a post 4 ft. long, 4 in
sq'd. in mound of stones
and marked S. P. L. C. A.

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San Jose De Anosta Claim
Pima County Arizona

No. Three Run

S. $38^{\circ}08'$ W.

Var. $13^{\circ}48'$ E.

Depart Burt's Compass.

100.71

This should make con-
nection with post 7. but
I am slightly to the right
and 120 lbs. short but
it is almost impossible
to run on the ground at
all. I have lost that
much in running.
Land broken and rough
and stony.

Febry 18. 1880

San Jose De Surota Claim
Pima County Arizona

No. General Description

This claim as surveyed
by me covers 7598.07 Acres
of land being a trifle in
excess of one and three
quarters square leagues,
counting the vara at 33
inches.

It is a very diffi
claim to survey covering
one of the roughest canons
in the country.

It is very valuable
containing a fine stream
of water, excellent graz-
ing and sufficient
farming land.

As run in this survey
there are three present

cultivated farms included in it, - Sanfords two and Lowells or Morgans old place. These are fine farms and the present holders have spent years in bringing them to their present state with substantial buildings. This too in face of the fact that the Sonovita was one of the most favorite raiding grounds of the Apaches in Southern Arizona.

The ground lies between two noted mineral ranges ~~and~~ the Patagonia and Santa Rita and the mountainous borders

of the claim may include
municipal land, but I did
not see any.

John L. Harris
U.S. Dep. Surveyor

Feb'y 18. 1880

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 Exterior*

Boundaries of The San
Jose De Sonora Private
Land Claim, Pima
County, Arizona.

Showing the respective capacities in which they
acted.

Franco A. Cortes Chainman.

Ernesto Saing Chainman,

Apolonio Moraga Axeman.

Franco Caspusta Flagman.

~~tained in circular instructions from the U. S. Surveyor General for Arizona, dated September 1, 1873, regarding the establishment of corner boundaries of public surveys, and that the foregoing are the true and original Field Notes of such surveys.~~

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John L. Harris
Deputy Surveyor.

Sworn to and subscribed before me, this 20th day of February, 1880

John R. Faull
Notary Public



U. S. Surveyor General's Office,
Tucson, Arizona, March 2, 1880

The foregoing Field Notes of the survey of

Preliminary Survey of San Jose de

Sanita Private Land claim

Pima County,

Arizona,

of the Gila and Salt River Base and Meridian, Arizona,
executed by John L. Harris,

D. S., under his contract of the 14th day of

January, 1880, having been critically examined and the necessary corrections and explanations made, the said Field Notes and the surveys they describe, are hereby approved.

John Mason.

Surveyor General.