

No. 763

BOOK 763

Field Notes

OF THE SURVEY OF THE

SUBDIVISION LINES

- OF -

No. 763

Township 12 S Range 19 E

Gila and Salt River Base and Meridian

ARIZONA.

By Wm L Harris D. S.

under contract dated Aug 19 1879.

Survey commenced Dec. 1 1879.

Survey completed Dec. 5 1879.

J. R. T.

a. b.

763

Preliminary Oaths of Assistants.

We, George McNeal

and J. P. Ortiz

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.

Geo McNeal

J. P. Ortiz

Sworn to and subscribed before me, this 28th
day of October, 1879

John L. Harris
U.S. Dep. Surveyor

We, Frank Carpenter and
Jose M. Mariscal

do solemnly swear that we will well and truly per-
form the duties of Assessors and
Flagmen respectively
according to instructions given us, and to the best
of our skill and ability.

Frank Carpenter

Jose M. Mariscal

Sworn to and subscribed before me this 28th
day of October, 1879

John L. Harris

U.S. Dep. Surveyor

1B

Preliminary

BOOK 763

Township 12 South Range 19 East.
Gila and Salt River Meridian.

We, ...
and ...
do solemn
the duties
chain up
pins, which
that we
objects,
assist in
ability.

6	49.	5	32.	4	21.	3		2		1
48.		47.		31.		21.		11.		
7	46.	8	30.	9	20.	10	10.	11	9.	12
45.		44.		29 1/2		19.		8		
18	43.	17	29.	16	18.	15	7.	14		13
42		41.		28.		17.				
19	40.	20	27.	21	16.	22	6.	23		24
39.		38.		26.		15.				
30	38.	29	25.	28	14.	27	5.	26		25
35.		34.		24.		13.		4.		2
31	33.	32	23.	33	12.	34	3	35	1.	36

Sw
day of

No. 763

BOOK 763

Township 12 S. Range 19 E
Tla & Salt River Meridian

December 1. 1879.

8000 From the cor. to secs. 35 & 36, on the S. Bound-
ary of the Township, Drive
North between secs. 35 & 36

var. $14^{\circ} 06'$ East

As per East Boundary. -

8000 Remote from stone & timber. Drive
charr'd stake & build mound of earth
2 ft. high, with pile 1 ft. deep, 2 ft. long
1 ft. wide, as per instructions for 4 sec. cor.

8000 Set a post, marked & notched, 4 ft. long
3 in. sq. d. 1 ft. in the ground, and
build mound of stone 2 ft. high
as per instructions for cor. to Secs
25, 26, 35 and 36.

No trees near.

Land rolling. Some good soil
in S. Grass. No timber.

Township 12 S Range 19 E
 T14 S Salt River Meridian

79.88 East on random line between 25 & 36.
 var. $14^{\circ}06'$ East

14000 Set temporary cor.

79.88 Intersect E. boundary 9 lns. S. of
 cor. to Sec. 25 & 36. from which
 Cor. drawn

S. $89^{\circ}56'$ W. on true line between 25 & 36.
 var. $14^{\circ}06'$ East

39.94 Set an igneous stone $17 \times 12 \times 9$
 in. $\frac{2}{3}$ in the ground, marked $\frac{1}{4}$
 and on the W. build mound of stone
 $2\frac{1}{2}$ ft high as per instructions for $\frac{1}{4}$
 sec. cor. No trees near

79.88 Cor. to Secs. 25, 26, 35 & 36.

Land broken high hills. Soil poor.
 Grass. No timber.

To the N. of cor. to Secs. 25, 26, 35 & 36, the lines
 extend over very broken & precipitous ground
 intersected by great canyons, and are in-
 practicable. The ground is worthless,
 inaccessible and unsurveyable.

Township 12 S. Range 19 E
Tela & Salt River Meridian

Co. North between secs. 34 & 35
var. $14^{\circ}06'$ East

4000 Remote from stone and timber.

Build charred stake & build mound
4 ft high, with pits 4 ft deep 2
ft long, 1 ft wide, as per instructions
for 1/4 sec. cor.

8000 Set a post, marked and notched,
4 ft long, 3 in. sq. 1 ft in the
ground, and build mound of
stones 2 ft high, as per instruc-
tions for cor. to secs. 26, 27, 34
and 35.

No trees near.

Land rolling. Some good soil
Grass. No timber.

Township 12 S. Range 19 E
T⁴ & Salt River Meridian

See East on random line bet sec. 26 & 35
var. $14^{\circ} 06'$ East

4000 Set temporary $\frac{1}{4}$ sec. cor

80:08 Intersect N. & S. line of sec. N. of
cor to Secs. 25, 26, 35 and 36, from
which cor. June
 $N. 89^{\circ} 34' W.$

On true line bet sec. 26 & 35.

var. $14^{\circ} 06'$ East

4004 Set a post, marked $\frac{1}{4}$ S. 4 ft. long
flattened 3 in wide, 1 ft. in the
ground, and build mound
of stones 2 ft. high, as per in-
structions for $\frac{1}{4}$ sec. cor.
No trees near.

80:08 Cor to Secs. 26, 27, 34 & 35.

Land rolling. Broken E.
Soil poor. Grass. No timber.

Township 12 S. Range 19 E
 1st 4th Salt River Meridian

No. North between secs. 26 & 27
 var. $14^{\circ}06'$ East

4000 Set a post, marked 74 S. 4 ft long,
 flattened 3 in wide 1 ft in the
 ground, drive charred stakes
 and build mound of earth 2 ft
 high, with pits 1 ft deep, 2 ft long,
 1 ft wide, as per instructions for
 4 sec. cor. No trees near.

69.50

Descend into Cañon on SW. and N.E.

8000 Set a post, marked & scratched,
 4 ft long, 3 in sq. d. 1 ft in the
 ground, and build mound
 of stones 2 ft high, as per in-
 structions for cor. to Secs. 22,
 23, 26, and 27. No trees near.

Sand rolling and broken.
 Some good soil to N. Grass.
 No timber.

Township 12 S. Range 19 E
 T14th Salt River Meridian

Sec. North between secs. 22 & 23
 var. 14⁰⁰⁶ East

4000 Set apart, marked 14 S. 4 ft. long,
 flattened 3 in wide, 1 ft in the
 ground, and build mound of earth 2
 ft high, with pile of debris 2 ft
 long, 1 ft wide, as per instruc-
 tions for 14 sec. cor. No trees near.

8000 Set apart, marked 3 notched,
 4 ft long, 3 in sq. d. 1 ft in the
 ground, and build mound
 of stones 2 ft high, as per in-
 structions for cor. to secs. 14,
 15, 22 and 23. No trees near.
 Land brown cañon. Soil
 poor. Mesquite and Palo
 verde trees.

Township 12 S. Range 19 E
 T14 E Salt River Meridian

Chs. North between sec. 14 & 15
 var. $14^{\circ}06'$ East

2.00 Leave canon br. Sec. E.N.E.

4000 Set a post, marked $\frac{1}{4}$ S. of fl. long,
 flattened 3 in wide, 1 ft in the
 ground, and build mound of
 stones 2 ft high, as per in-
 structions for $\frac{1}{4}$ sec. cor.

No trees near.

8000 Set a limestone $19 \times 14 \times 10$ in.
 $\frac{3}{4}$ in the ground, notched S.
 and E, and on the N. build
 mound of stones 2 ft high,
 as per instructions for cor. to
 sec. 10, 11, 14 and 15.

No trees near.

Land broken hills. Soil poor.
 Grass. Mesquite & Palo Verde trees
 on the S.

Township 12 S. Range 19 E
 T14³ Salt River Meridian

No. East on true line bet. secs. 11 & 14
 var. 14° 06' East
 4000 Set a post, marked 1/4 S. 4 ft. long
 flattened 3 in wide, 1 ft. in the
 ground, and build mound of
 stones 2 ft high, as per in-
 structions for 1/4 sec. cor.
 No trees near.

7400 Descend into cañon bet. NE. & SW.
 8000 Set a post, marked 3/4 notched,
 4 ft long, 3 in sqd, 1 ft. in the
 ground, and build mound of
 stones 2 ft high, as per in-
 structions for cor. to secs. 11, 12,
 13 & 14. No trees near.
 Land broken. Soil poor.
 Grass, Mesquite & Palo
 Verde trees.

Township 12 S. Range 19 E
Gila & Salt River Meridian

Go North between secs. 11 & 12

var. $14^{\circ}06'$ East

10.00 Leave cañon Co. N. E. and SW

4000 Set a post, marked $\frac{1}{4}$ S. of ft long,
flattened 3 in wide, ft in the
ground, and build mound
of stones 2 ft high, as per
instructions for $\frac{1}{4}$ sec. cor.

No trees near.

8000 Set a post, marked & notched
 $\frac{1}{4}$ ft long, 3 in sq. d. 1 ft. in the ground
and build mound of stones
2 ft high, as per instructions
for cor. to secs. 1, 2, 11, and
12. No trees near.

Sand broken hills, Soil poor.

Grass. No timber.

December 1, 1879.

Township 12 S. Range 19 E
 T14 E Salt River Meridian

Chs. North between secs. 10 & 11.
 var. 14006 East

4000 Remate from stone & timber
 One charred stake & build mound
 of earth 2 ft high, with pits 1 ft
 deep, 2 ft long, 1 ft wide, as per
 instructions for 1/4 sec. cor

8000 Set a post, marked and
 notched, 4 ft long, 3 in. sqd.
 1 ft in the ground, and build
 mound of stones 2 ft high
 as per instructions for cor. to
 Secs. 2, 3, 10 & 11.

No trees near.
 Land Rolling. Some good
 soil. Grass. No timber.

Township 12 S. Range 19 E
T14th Salt River Meridian

Rs. East on random line bet secs. 2 & 11.
var. $14^{\circ}06'$ East

4000 Set temporary cor.

79.90 Intersect N. & S. Line 13 West,
after to secs. 1, 2, 11 and 12,
from which cor. Run
 $S. 89^{\circ}54' W.$

Return line bet secs. 2 & 11.

var. $14^{\circ}06'$ East

39.95 Set a lime stone $20 \times 12 \times 9$ in,
 $\frac{3}{4}$ in the ground, marked $\frac{1}{4}$,
and on the W. build mound
of stones 2 ft high, as per in-
structions for $\frac{1}{4}$ sec. cor.
No trees near.

79.90 Cor to secs. 2, 3, 10 & 11.
Land rolling hills. Soil poor.
Very broken to E. & N. Grass.
No timber.

Township 12 S. Range 19 E
 1/4th Salt River Meridian

To North between sec. 33 & 34
 var. 147° 16' E

4000 Set a post, marked 1/4 S. of a long
 flattened 3 in. wide, 1 ft. in the
 ground, and build mound of
 stones 2 ft. high, as per instruc-
 tions for 1/4 sec. cor.

No trees near.

8000 Set a post, marked Enotched,
 4 ft. long, 3 in. sq. d., 1 ft. in the
 ground, and build mound
 of stones 2 ft. high, as per in-
 structions for cor. to Secs.

27, 28, 33 & 34. No trees near.

Land rolling & broken.

Some good soil, Grass.

No timber.

Township 12 S. Range 19 E
Tla & Salt River Meridian

Per East. on random line bet. sec. 27 & 28
var. 14° 06' East

4000 Set temporary cor.

79.86 Intersect N. & S. line 15' west
of cor. to sec. 26. 27. 31 and
35. from which cor. I run
S. 89° 53' W. On true line bet. sec. 27 & 28.
var. 14° 06' East

34.93 Remote from stone & timber,
Drive charred stake & build
mound of earth 2 ft. high with
pits 1 ft. deep, 2 ft. long, 1 ft. wide,
as per instructions for 1/4 sec.
Cor. 7

79.86 Cor. to sec. 27. 28. 33 & 34.

Land rolling. Some good soil.
Wax. No timber.

Township 12 S. Range 19 E
 Tla E Salt River Meridian

No. North between sec. 27 & 28.

Var. 14° 06' East

2600 Enter cañon br. N. of W. E. & N.E.

4000 Set an igneous rock, 14 x 9 x 8 in.

$\frac{2}{3}$ in the ground, marked $\frac{1}{4}$
 and on the N. build mound of
 stones 2 ft. high, as per instruc-
 tions for $\frac{1}{4}$ Sec. cor.

No trees near.

8000 Set an igneous rock, 22 x 12 x 10

in. $\frac{3}{4}$ in the ground, scratched

S. & E. and on the N. build
 mound of earth 2 ft. high, with pit
 1 ft. deep, 2 ft. long, 1 ft. wide, as
 per instructions for cor. to Secs

21, 22, 27 and 28. No trees near.

Land broken. Soil poor. Grass

No timber.

Township 12 S. Range 19 E
 T14 Salt River Meridian

Chs. East on random line bet secs. 22 & 27.
 var. $14^{\circ}06'$ East

4000 Set temporary cor.

79.85 Intersect N. + S. line 20 hrs.
 Safer to secs. 22, 23, 26 and
 27, from which cor. Issue
 S. 89° 57' W.

Outline line bet secs. 22 & 27
 var. $14^{\circ}06'$ East

39.92 Remove from stone & timber.
 Drive chared stake and build
 mound of earth 2 ft high with
 pits 1 ft deep, 2 ft long, 1 ft wide,
 as per instructions for 1/4 sec.
 cor.

79.85 Cor to secs. 21, 22, 27 & 28.
 Sand broken cañon. Soil poor.
 Grass. No timber.

Township 12 S. Range 19 E
 6th & Salt River Meridian

No. North between sec. 21 & 22.
 var. $14^{\circ}06'$ East.

20.00 Scarcaun br. NE and SW,

40.00 Set a post, marked $\frac{1}{4}$ S 4 ft long,
 flattened 3 in wide, 1 ft in the
 ground, and build mound of
 stones 2 ft high, as per in-
 structions for $\frac{1}{4}$ sec. cor.

No trees near.

8000 Set a post, marked & painted,
 4 ft long, 3 in. sq. d., 1 ft in the
 ground, and build mound
 of stones 2 ft high, as per
 instructions for cor. to Secs
 15, 16, 21 and 22.

No trees near.

Land broken. Soil poor.

Grass. No timber.

Township 12 S. Range 19 E
 6th & Salt River Meridian

Ch. East on random line bet secs. 15 & 22
 var. $14^{\circ}06'$ East

4000 Set a post for temporary cor.

75.00 Enter cañon bet. NE. and SW.

79.92 Intersect N. & S. line 10 hrs. S. of cor.
 to secs. 14, 15, 22 and 23, from which
 cor. June
 $S. 89^{\circ}56' N.$

Return line bet secs. 15 & 22

var. $14^{\circ}06'$ East

39.96 Set a post, marked "4" S. 4 ft. long,
 flattened 3 in. wide, 1 ft. in the ground
 and build mound of stones 2 ft.
 high, as per instructions for 4
 sec. cor. No trees near.

79.92 Cor. to Secs. 15, 16, 21 & 22.

Sand broken. Soil mostly
 poor. Grass. No timber.

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Township 12 S. Range 19 E
 6th & Salt River Meridian

7000 North between sec. 15 & 16.
 var. $14^{\circ}06'$ East
 4000 Set apart, marked $\frac{1}{4}$ S. 4 ft long
 flattened 3 in. wide, 1 ft in the
 ground, and build mound of
 stones 2 ft high, as per in-
 structions for $\frac{1}{4}$ sec. cor.
 No trees near.

8000 Set apart, marked and watched,
 4 ft long, 3 in. sq. in the
 ground, and build mound
 of stones 2 ft high, as per
 instructions for cor. to Sec.
 9, 10, 15 and 16,
 No trees near.

Land rolling hills. Soil
 mostly poor. Grass.
 Palo Verde trees.

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Township 12 S. Range 19 E
Plat^e Salt River Meridian

Sec. Eastward from line bet sec. 10 & 15
var. $14^{\circ}06'$ East

4000 Set temporary cor.

79.89 Intersect N. & S. line 14th less S.
of cor. to Secs. 10, 11, 14 and
15, from which cor. I run
S. $89^{\circ}54'W$.

On true line between sec. 10 & 15,
var. $14^{\circ}06'$ East

39.94 Set a post, marked $\frac{1}{4}$ S. 4 ft.
long, flattened 3 in wide, 1 ft
in the ground, and build mound
of stones 2 ft high, as per in-
structions for $\frac{1}{4}$ sec. cor.

No trees near.

79.89 Cor. to Secs. 9, 10, 15 & 16.
Land rolling hills. Some good
soil. Grass. No timber.

December 2, 1879.

Township 12 S. Range 19 E
 T14th Salt River Meridian

Ch. North between secs. 9 & 10.

var. 14th 06 East

4000 Set a post, marked "4 S. 4 ft.
 long, flattened 3 in wide, 1 ft.
 in the ground, and build
 mound of stones 2 ft. high,
 as per instructions for 4 sec.
 cor. No trees near.

8000 Set a post, marked "Enatched",
 4 ft. long, 3 in. sq. d., 1 ft. in the
 ground, and build mound of
 stones 2 ft. high, as per in-
 structions for cor. to secs.

3, 4, 9 and 10.

No trees near.

Land rolling hills. Some
 good soil. Grass.

Palo Verde trees.

Township 12 S. Range 19 E
 Pla² & Salt River Meridian

No. East on random line bet sec. 3^E & 10.
 var. 14° 06' East

4000 Set temporary cor.

79.91 Intersect N. & S. line 8 Cor. S.
 of sec. to sec. 2, 3, 10 and 11,
 from which cor. Dune
 S. 89° 54' W.

On true line bet sec. 3^E & 10.

var. 14° 06' East

39.95 Set a post marked 14 S. of ft. long
 flattened 3 in wide, 1 ft. in the
 ground, and build mound of
 stones 2 ft high, as per in-
 structions for 14 sec. cor.

No trees near.

79.91 Cor. to Sec. 3, 4, 9^E & 10,

Sand rolling hills.

Soil poor. Grass. No timber

Township 12 S. Range 19 E
 T14 E Salt River Meridian

No. Northern true line bet sec. 3 & 4.

var. 14° 06' East

4000 Set a post marked 44 S. 4 ft
 long, flattened 3 in wide, 1 ft
 in the ground, and build
 mounds of stones 2 ft high
 as per instructions for 1st
 sec. cor. No trees near.
 Land broken. Soil poor.
 Grass. No timber.

North of this the line is
 impracticable and the
 land worthless and
 unsurveyable.

I cannot run further N.

Township 12 S. R. 19 E
 6th E Salt River Meridian

Ch. North between secs. 32 & 33,
 var. $14^{\circ} 16'$ East

- 8.00 Leave San Pedro valley br. NW and S. E. and
 rise on level mesa.
- 12.25 Pacheco's House br. E. 70 chs. dist. There
 is a large corral immediately S. E. of the
 House.
- 21.50 San Pedro road br. S. E. and N. W.
- 40.00 Set a post, marked $1/4$ S. 4 ft long, flattened 3
 in. wide. 1 ft in the ground, drive charred stake
 and build mound of earth 2 ft high with pit
 1 ft deep, 2 ft long, 1 ft wide, as per instructions for
 three cor. No trees near.
- 44.00 Antonio Rodriguez House br. N. 12.25 chs. dist.
 This House stands on E. edge of valley and at the N. foot
 of point of mesa.
- 50.00 Set a post, marked E notched, 4 ft long,
 3 in. sq. d. 1 ft in the ground, and build
 mound of stones 2 ft high, as per in-
 structions for cor. to Secs 28, 29, 32
 and 33. No trees near.
- Land mostly mesa, on line. Soil poor. Valley
 land to W, with 1st rate soil and Cottonwood
 trees. Mesquite trees along line.

Township 12 S. Range 19 E
 W⁴ Salt River Meridian

Pr. East on random line between 28 & 33
 var. $14^{\circ}06'$ East

4000 Set temporary cor.

80.10 Intersect N. + S line 13 Secs. N. of
 cor. to Secs 27. 28. 33 and 34,
 from which cor. Run
 $N. 89^{\circ}54' W.$

Put line between Secs. 28 & 33.

var. $14^{\circ}06'$ East

Ac. 65 Set a post, marked 14 S. 4 ft long,
 flattened 3 in wide, 1 ft in the
 ground, and build mound of
 stones 2 ft high, as per in-
 structions for 14 sec. cor.

No trees near.

80.10 Cor. to Secs 28. 29. 32 & 33.

Land rolling. Soil poor.

Grass. Palo Verde and
 Mesquite trees.

Township 12 S. Range 19 E
Gila & Salt River Meridian

Ch. North between secs. 28 & 29
var. $14^{\circ}06'$ East

23.00 Descend into cañon brs. S. W. & NE.

40.00 Set a post, marked 14 S. 4 ft. long,
flattened 3 in wide, 1 ft. in the ground
and build mound of stones 2 ft.
high, as per instructions for 14
sec. cor. No trees near.

50.00 Leave cañon brs. N.E. & S.W.

80.00 Set a post, marked and notched,
 4 ft. long, 3 in sq. d. 1 ft. in the
ground, drive charred stake and
build mound of earth 2 ft. high
with pits 1 ft. deep, 2 ft. long, 1 ft.
wide, as per instructions for cor.
to secs. 20, 21, 28 and 29.

No trees near.

Land barren. Some good soil in
cañon. Mesquite & Palo verde
trees.

Township 12 S. Range 19 E
 W. 1/4 Salt River Meridian

Pro. East. on random line between 21 & 28
 var. $14^{\circ}06'$ East.

15.00 Second intecation b/w. N.E. & S.W.

40.00 Set temporary cor.

80.12 Intersect N. & S. line 18 lvs. N. of
 cor to Secs. 21, 22, 27 and 28
 from which cor. Run
 $N. 89^{\circ}52' W.$

Put true line between 21 & 28.

var. $14^{\circ}06'$ East

40.06 Set a post, marked $1/4$ S. of hole long
 flattened 3 in wide, 4 in the
 ground, and build mound of stones
 2 ft. high, as per instructions for
 $1/4$ sec. cor. No trees near.

80.12 Cor to Secs 20, 21, 28 & 29.

Land mostly in canon.

Soil poor. Grass. Palo Verde
 trees.

Township 12 S. Range 19 E
 6th Salt River Meridian

Rs. North between secs. 20 & 21.

var. $14^{\circ}06'$ East

4000 Set apart, marked $\frac{1}{4}$ S. 4 ft. long,
 flattened 3 in wide 1 ft. in the ground
 and build mound of stones 2
 ft high, as per instructions
 for $\frac{1}{4}$ sec. cor. No trees near.

8000 Set apart, marked and watched
 4 ft long, 3 in sqd. 1 ft. in the
 ground, and build mound
 of stones 2 ft high, as per
 instructions for cor. to Secs.
 16, 17, 20 and 21.

No trees near.

Sand rolling and broken.

Some good soil. Grass on

Palo Verde trees.

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Township 12 S. Range 19 E
 Tla & Salt River Meridian

Rs. East on random line bet sees 16 & 21
 var. $14^{\circ}06'$ East

4000 Set temporary cor.

80.07 Intersect N. & S. line 16 hrs. N.
 of cor. to sees. 15, 16, 21 and 22
 from which cor. Dime
 $N. 89^{\circ}53' W.$

Put true line bet sees. 16 & 21.

var. $14^{\circ}06'$ East

40.03 Set a post, marked $1/4$ S. of $1/4$ long,
 flattened 3 in wide, 1 ft in the
 ground, drive charred stake
 and build mound of earth 2
 ft high, with pits 1 ft deep,
 2 ft long, 1 ft wide, as per in-
 structions for $1/4$ sec. cor. No trees near.

80.07 Cor to sees. 16, 17, 20 & 21.

Land rolling & broken. Soil poor
 Grass. Palo Verde trees.

Township 12 S. Range 19 E
Tla & Salt River Meridian

No. North, between secs. 16 & 17
var. $14^{\circ}16'$ East

4000 Set a post, marked 14 S. 4 ft long,
flattened 3 in wide, 1 ft in the
ground, and build mounds of
stones 2 ft high, as per instruc-
tions for 74 sec. cor. No trees near.

8000 Set a line stone, 24 x 16 x 10 in.
3/4 ft in the ground, notched S.
and E., and on the N. build
mounds of stones 2 ft high,
as per instructions for cor. to
secs. 8, 9, 16, and 17.

No trees near.

Land broken and rolling.

Soil poor for most part.

Grass. Palo Verde trees.

Township 12 S. Range 19 E
 T4 & Salt River Meridian

Rs. East on random line between 9 & 16.
 var. 144° 06' East.

40.00 Set temporary cor.

80.09 Intersect N. & S. line 21 Secs. N.
 of cor. to Secs. 9, 10, 15 E 16. from
 which cor. Run
 N. 89° 51' W.

On true line between 9 & 16.

var. 144° 06' East

40.05 Set a post, marked 44 S. 4 ft.
 long, flattened 3 in wide, ft. in
 the ground, and build mound
 of stones 2 ft high, as per
 instructions for 1/4 sec. cor.
 Notices near.

80.09 Cor. to Secs. 8, 9, 16, and 17.
 Land rolling. Soil partly good.
 Grass. No timber.

December 3, 1879.

Township 12 S. Range 19 E
T14 & Salt Creek Meridian

Sec. North between secs. 8 & 9
var. $14^{\circ} 06'$ East
4000 Set a post, marked T4 S. 4 ft. long
flattened 3 in wide. 1 ft in the
ground, and build mound of
stones 2 ft high, as per instruc-
tions for T4 sec. cor.
No trees near.

8000 Set a post, marked and
notched, 4 ft long. 3 in sq. d.
1 ft in the ground, and build
mound of stones 2 ft high,
as per instructions for cor. to
secs. 4, 5, 8 and 9.
No trees near.

Land broken and rolling -
Some good soil.

Grass. No timber.

Township 12 S. Range 19 E
T14 E Salt River Meridian

Tr. East on random line bet sec. 4 & 9
var. $14^{\circ}06'$ East

4000 Set temporary cor.

79.96 Intersect N. & S. line 17 lbs N.
of cor. to Secs 3, 4, 9 and 10. from
which cor. I run
N. $89^{\circ}53'$ W.

Put true line bet sec. 4 & 9

var. $14^{\circ}06'$ East

39.98 Set a post marked T4 S. 4 ft
long flattened 3 in wide. 1 ft in
the ground, and build mound
of stones 2 ft high, as per in-
structions for T4 sec. cor.
No trees near.

79.96 Cor to Secs. 4, 5, 8 and 9
Land rolling and broken.
Soil poor. Grass.
No timber.

Township 12 S. Range 19 E
T14 E Salt River Meridian

Cor. North in random line bet sec. 4 & 5.
var. $14^{\circ}06'$ East

4000 Set temporary Cor.

79.90 Intersect N. boundary 1000. E.
of cor. to sec. 4 & 5. from
which cor. I run
 $S. 0^{\circ}4'$ E.

Put true line bet sec. 4 & 5.

var. $14^{\circ}06'$ East

39.90 Set apart, marked 74 S. of ft.
long. flattened 3 in. cord. 1 ft.
in the ground. Drive chert
stone and build mound of
earth 2 ft high, with pit 1 ft
deep, 2 ft long, 1 ft wide, as per
instructions for 4 sec. cor. Not a survey.

79.90 Cor to sec. 4, 5, 8, and 9.
Land rolling & broken. Soil poor.
Grass. No timber.

Township 12 S. Range 19 E
 1st & 2nd Salt Lake Meridian

Ths. North between secs. 31 & 32

Var. $14^{\circ}06'$ East N

In little cañon br. N.

40.00 Set a post, marked $1/4$ S. of blong, flattened
 3 in wide, 1 ft. in the ground, & build mound
 of stones 2 ft. high, as per instruction for
 $1/4$ sec. cor. from which

A Mesquite, 12 in. dia. br. N 15° E. 200 yards S
 No other trees near.

43.00 Leave cañon br. N.E. rise on broken ground.

57.00 Enter San Pedro valley br. N.W. & S.E.

68.82 Acquia br. N.W.

74.00 Water br. N.W. & S.E. 70 br. across.

80.00 Set a post, marked & notched, 4 ft. long,
 3 in. sq. d. 1 ft. in the ground, & build mound
 of earth 2 ft. high with pits 1 ft. deep, 2 ft. long, 1 ft.
 wide, as per instruction for cor. to Secs.
 29.30. 31. & 32. No trees near.

Land broken & poor. Then level & 1st Rate. Grass
 some mesquite trees. Willow brush on N.

Township 12 S. Range 19 E
 T14⁴ Salt River Meridian

R. East-southern line bet sec. 29 & 32
 var. 14°06' East

2.30 San Pedro river 40 lbs. wide, flows W. of N.

30.23 San Pedro road br. W. of N.

40.00 Set temporary cor.

48.40 Leave valley br. N. + E. of S. ascend on rolling hills.

79.90 Intersect N. line 7 land. of cor.
 to sec. 28. 29. 32 & 33. from which
 cor. issue

S. 89°52' W. Outer line bet sec. 29 & 32
 var. 14°06' East

39.95 Set a post, marked 48.4 ft long flattened 3 in wide
 1 ft in the ground, driven chert stone & build mound of
 earth 1 ft high with pile of chert 2 ft long. Record as
 per instructions for 1/4 sec. cor. from which
 a mesquite, 10 in. diam. br. N. 8° W. 216 lbs. dist
 do. 12 " " " N. 72° W. 295 " "

79.90 Cor. to sec. 29. 30. 31 and 32.

Land level, Soil 1st Rate W. Rolling and
 Poor E. Fine Grass. Mesquite trees.

Township 12 S. Range 19 E
 N. & Salt River Meridian

- No. 12 corner line bet sec. 30 & 31.
 var. $14^{\circ}06'$ East
- 5.00 Leave valley bet. N. H. & S. E. ascend
 on broken ridges.
- 40.00 Set temporary cor.
- 50.00 Enter cañon bet. NE. and SW.
- 61.50 Leave same bet. NE & SW.
- 78.61 Intersect N. boundary 20 hrs. N.
 of cor. to sec. 30 & 31. found which cor. from
 $N. 89^{\circ}51' E.$
- Put true line bet sec. 30 & 31
 var. $14^{\circ}06'$ East
- 38.61 Set a post marked $\frac{1}{4}$ S. 4 ft. long,
 flattened 3 in wide. 1 ft. in the ground
 and laid around of stones 2 ft high
 as per instructions for 1/4 sec. cor. No trees near.
- 78.61 Cor. to sec. 29. 30. 31 & 32.
 Land mostly broken. Soil poor.
 Some Cottonwood & mesquite.

Township 12 S. Range 19 E
 7th & Salt River Meridian

No. North between sec. 29 & 30.

var. $14^{\circ}06'$ East

- 8.43 San Pedro river 50 lbs wide flows N.W.
 11.05 Thompson's House br. E. 12.17 Ch. dist.
 20.23 Placidor Sosa's House br. E., 9.14 Ch. dist.
 20.28 San Pedro river, 48 lbs. wide, flows N.E.
 23.55 Acequia br. N.E. & S.W.
 28.45 Same acequia turns N.W.
 32.80 San Pedro river, 50 lbs wide, flows N. of N. & N.W.
 34.90 Leave valley, rise on broken points of mesa, br. N.W.
 35.07 San Pedro road br. N.W. running around N.
 edge of mesa.
 40.00 Set a post, marked 74 S. 4 ft long,
 flattened 3 in wide, 1 ft in the
 ground, and build around
 a stone 2 ft high, as per in-
 structions, for 74 sec. cor.
 No trees near.
 43.30 descend to bottom land, E.W.
 44.70 San Pedro road br. E. of N. & W. of S.

Township 12 S. Range 19 E
 T¹ 4th & Salt River Meridian

See Continued

52.33 San Pedro road cr. E. of S. E. W. of N.

53.00 Rise on point of mesa, cr. N. W.

60.00 Descend to corner of valley cr. E. W.

66.00 Rise on point of mesa cr. N. of W.

69.23 Placidor Soto's House cr. W. 2.61 chs. dist.

73.50 Descend to corner of valley cr. E. W.

80.00 Set a post, marked and notched, 4
 ft. long, 3 in. sq. d. 1 ft. in the ground
 N. W. charred stake & build mound
 of earth 2 ft. high, with pits 1 ft.
 deep, 2 ft. long, 1 ft. wide, as
 per instructions for cor. to Secs
 19.20, 29 & 30, from which
 a Mesquite, 15 in. dia. cr. N. 35° W. 27 lns. dist.

do. 8 " " S. 86° E. 19 " "

No other tree near.

Land, valley & mesa. Soil 1st strata
 and poor. Cottonwood & Mesquite trees.

Township 12 S. Range 19 E
 Tla & Salt River Meridian

Pro. Eastern random line bet secs. 20 & 29
 var. $14^{\circ}06'$ East

9.00 Leave valley brs. N.W. & S.

40.00 Set temporary cor.

80.10 Intersect N. & S line 12 hrs. N. of
 cor to secs. 20, 21, 28 & 29. from
 which cor. Draw
 $N. 89^{\circ}55' W.$

On true line bet secs. 20 & 29.
 var. $14^{\circ}06'$ East

40.05 Set a post, marked $\frac{1}{4}$ S. 4 ft. long,
 flattened 3 in. wide, 1 ft. in the
 ground, and build mound of
 stones 2 ft. high, as per instru-
 tions for $\frac{1}{4}$ sec. cor. Notice near.

80.10 Cor. to secs. 19, 20, 29 & 30.

Land mostly rolling hills.

Some good soil. Grass.

Some Mesquite trees.

Township 12 S. Range 19 E
 Gila & Salt River Meridian

- As West-southern line bet. sec. 19 & 30.
 var. $14^{\circ}06'$ East
- 77.71 San Pedro road br. W. of N. & S. & E. of S.
 8.00 Fence br. N. & S. and enter cultivated
 ground.
- 19.50 San Pedro river, 40 lbs. wide, flows
 N. and W. of N. and leave cultivated
 ground br. N. & S.
- 21.90 Low valley, ascend on broken hills br. W. of N.
 4000 Set temporary cor.
- 78.50 Intersect W. boundary 6 lbs. N. of cor. to
 sec. 19 & 30. from which cor. run
 N. $89^{\circ}05'$ E. to true line bet. sec. 19 & 30.
 var. $14^{\circ}06'$ East
- 38.50 Set a post, marked 14 S. 4 ft. long, flattened 3 in wide
 1 ft. in the ground, drive charred stake & build mound
 of earth 2 ft. high, with pits 1 ft. deep, 2 ft. long, 1 ft.
 wide, as per instructions for $1/4$ sec. cor. No trees near.
- 78.50 Cor. to Secs 19, 20, 29 and 30.
 Sand level. Soil 1st Rate E. Rolling & Poor W.
 Cottonwood and Mesquite trees E.

Township 12 S. Range 19 E
Gila & Salt River Meridian

Rs. North between secs 19 & 20
var. $14^{\circ}06'$ East.

5.00 Leave valley br. N.W. & S.E., and
run on rolling hills

4000 Set a post, marked $\frac{1}{4}$ S. 4 ft long, flat
tined 3 in. wide, 1 ft in the ground, drive
chained stone and build mound of
earth 2 ft high, with pit 1 ft deep,
2 ft long, 1 ft wide, as per instructions
for $\frac{1}{4}$ sec. cor. No trees near.

8000 Set a post, marked and notched,
4 ft long, 3 in. sqd., 1 ft in the ground
and build mound of stones 2 ft
high, as per instructions for cor.
to secs 17, 18, 19 & 20.

No trees near.

Land mostly rolling. Some good
soil. Scattering Palo Verde trees.
December 21, 1879.

Township 12 S. Range 19 E.
Pala & Salt River Meridian

Pro. East on random line bet secs. 17 & 20
var. $14^{\circ}06'$ East.

4000 Set temporary cor.

80.16 Intersect N. & S. line 4 hrs. S.
after cor to secs. 16, 17, 20 and 21,
from which cor. Janie
 $S. 89^{\circ}58' W.$

Put true line bet secs. 17 & 20.

var. $14^{\circ}06'$ East

40.08 Set a post marked $1/4$ S. of ft. long;
flattened 3 in. wide, 1 ft. in the
ground, and build mound
afterwards 2 ft. high, as per in-
structions for $1/4$ sec. cor.

No trees near.

80.16 Cor. to Secs. 17, 18, 19 & 20.
Land rolling and broken.
Some good soil. Some Palo
Verde trees.

Township 12 S. Range 19 E
Tila & Salt River Meridian

To West on random line bet sec. 18 & 19
var. $14^{\circ}06'$ East

4000 Set temporary $\frac{1}{4}$ sec. cor.

77.00 Enter San Pedro valley, br. N. N. E. S. E.

78.48 Intersect N. boundary 14 lks N.
af cor. to sec. 18 & 19, from which continue
N. $89^{\circ}54'$ E.

On true line bet sec. 18 & 19

var. $14^{\circ}06'$ East

38.48 Set post, marked $\frac{1}{4}$ S. 4 ft. long, flat-
tined 3 in wide, 1 ft. in the ground
and build mound of stones 2 ft.
high, as per instructions for $\frac{1}{4}$ sec

Cor. from which

a Mesquite 12, in. dia. br. N. 85° E. 18 lks. dist
No other trees near.

78.48 Cor. to Secs. 17, 18, 19 & 20.

Land mostly rolling. Some good soil.
Grass. Mesquite trees. In the N. W. $\frac{1}{4}$ of
sec. 19, the San Pedro river runs through
a narrow gateway of rocks.

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Township 12 S. Range 19 E
 1/4th Salt River Meridian

No. North between secs. 17 & 18

Var. $14^{\circ}06'$ East

4000 Set a post, marked $\frac{1}{4}$ S. 4 ft. long,
 flattened 3 in. wide, 1 ft. in the
 ground, and build mound of
 stones 2 ft. high, as per instruc-
 tions for $\frac{1}{4}$ sec. cor. No trees near.

8000 Set a post, marked E notched,
 4 ft. long, 3 in. sq. d. 1 ft. in the
 ground, drive charred stake
 and build mound of earth 2
 ft. high, with pit 1 ft. deep, 2 ft.
 long, 1 ft. wide, as per instruc-
 tions for cont. secs. 7, 8, 17
 and 18. No trees near.

Land rolling hills. Soil poor.
 Grass. Palo Verde trees.

Township 12 S. Range 19 E
Tila & Salt River Meridian

4000 On East. meridian line bet. secs. 8 & 17.
var. $14^{\circ}06'$ East.

4000 Set temporary cor.

79.87 Intersect N. & S. line 15 hrs S. of
cor to Secs 8, 9, 16, & 17, from
which cor. run
S. $89^{\circ}54'$ W.

On true line bet. secs. 8 & 17

var. $14^{\circ}06'$ East

39.93 Set a post, marked $\frac{1}{4}$ S. 4 ft. long,
flattened 3 in. wide, 1 ft. in the
ground, and build around of
stones 2 ft. high, as per in-
structions for $\frac{1}{4}$ sec. cor.

No trees near.

79.87 Cor. to Secs. 7, 8, 17 & 18.

Land rolling & broken.

Some good soil. Grasses.

Palo Verde trees.

Township 12 S. Range 19 E
 1/4th E Salt River Meridian

Sec. Nestarandom line bet secs. 7 & 18
 var. $14^{\circ}06'$ East.

4000 Set temporary cor.

78.36 Intersect N. boundary 12 Secs.
 N. of cor. to Secs. 7 & 18. from
 which cor. I run
 $N. 89^{\circ}53' E.$

On true line bet secs. 7 & 18.

var. $14^{\circ}06'$ East

38.36 Set a post, marked 14 S. 4 ft. long,
 flattened 3 in. wide, 1 ft. in the ground
 drive charred stake and build
 mound of earth 2 ft. high, with pits
 1 ft. deep, 2 ft. long, 1 ft. wide, as
 per instructions for 1/4 sec. cor.
 No trees near.

78.36 Cor. to Secs. 7, 8, 17 and 18.
 Land rolling hills. Soil poor.
 Grass. Palo Verde trees.

Township 12 S. Range 19 E
 Pla & Salt River Meridian

Ln. North between secs. 7 & 8.

var. $14^{\circ}06'$ East

4000 Set a post, marked $\frac{1}{4}$ S. 4 ft. long,
 flattened 3 in wide, 1 ft. in the ground
 drive charred stake and build mound
 afeath 2 ft high, with pits 1 ft. deep,
 2 ft long, 1 ft wide, as per instructions
 for $\frac{1}{4}$ sec. cor. No trees near.

8000 Set a post, marked "enclotted", 4
 ft long, 3 in sq d. 1 ft. in the
 ground, drive charred stake and
 build mound afeath 2 ft high
 with pits 1 ft deep, 2 ft long, 1 ft
 wide, as per instructions for cor.
 to secs. 5, 6, 7 and 8.

No trees near.

Land rolling. Some good soil
 Grass. Palo verde trees.

Township 12 S. Range 19 E
 1/4 E Salt River Meridian

No. East on random line bet sec. 5 & 8.
 var. $14^{\circ}06'$ East

40.00 Set temporary cor.

80.10 Intersect N. & Slave 9. head of
 cor to Secs 4, 5, 8 and 9, from
 which cor. Issue
 $S. 89^{\circ}56' N.$

Put on line bet sec. 5 & 8.

var. $14^{\circ}06'$ East.

40.05 Set a post, marked 74 S. 4 ft.
 long, flattened 3 in. wide, 1 ft.
 in the ground, and build mound
 of stones 2 ft high, as per in-
 structions for 74 sec. cor.
 No trees near.

80.10 Cor to Secs 5, 6, 7 and 8.
 Land rolling hills. Soil poor.
 Grass. No timber.

Township 12 S. Range 19 E
 6th & Salt River Meridian

As. Westward on line bet sec. 6 & 7
 var. $14^{\circ}06'$ East

4000 Set temporary cor.

78.31 Intersect W. boundary 18 lbs.

N. a few to sec. 6 & 7 from
 which cor. Run

N. $89^{\circ}52'$ E.

Put line bet sec. 6 & 7

var. $14^{\circ}06'$ East

38.31 Set post, marked 74 S. 4 ft.

long, flattened 3 in wide, 4 ft.
 in the ground, and build
 mounds of stones 2 ft high,
 as per instructions for 74 sec.

cor. No trees near.

78.31 Cor. to sec. 5, 6, 7 and 8.

Land rolling. Some good soil.

Grass. No timber.

Township 12 S. Range 19 E
 1/4th E Salt River Meridian

Ths. North on random line between Secs. 5 & 6.
 var. $14^{\circ}06'$ East

40.00 Set temporary cor.

78.00 Descend into canon bet. Ex. W.

79.88 Intersect N. boundary 1/4th Sec. E.
 a cor. to Secs. 5 & 6 from
 which cor. I run
 $S. 0^{\circ}06'$ E.

Between line between Secs. 5 & 6.

var. $14^{\circ}06'$ E.

39.88 Set a post, marked 1/4 S. 1/4 ft.
 long, flattened 3 in. wide 1 ft.
 in the ground, and build
 mound of stones 2 ft high
 as per instructions for 1/4
 sec. cor. No trees near.

79.88 Cor. to Secs. 5, 6, 7 & 8.
 Land broken. Soil poor. Grass.
 No timber.

December 5, 1879.

General Description

The Extreme East & northeastern portions of Township 12 S. Range 19 E. are unsurveyable. The ground is impracticable broken by low mountains and cañons and the country inaccessible and worthless.

The surveyed part of the township covers a portion of the San Pedro valley and its bordering grazing land. The San Pedro river flows through the Southwestern part of the Township and contains sufficient water for the irrigation of the agricultural land. The valley soil is rich deep and very productive. The valley is bordered

by hills and rolling land
with mesquite and palo
verde in places.

There is fine grass in
some sections of the Town
ship.

John L. Harris
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

Subdivision Lines of
Township 12 S. Range
19 E. of the Gila and
Salt River Meridian
Arizona

Showing the respective capacities in which they
acted.

- George M. Neal Chainman.
- Y. P. Ortiz Chainman,
- Franz Carpenter Axeman.
- Jesse W. Mansfield Flagman.

Final Oath of Assistants.

We hereby certify that we assisted John L. Harris U. S. Deputy Surveyor, in surveying

Subdivision Line of Township 12 S. Range 19 E. of the Gila and Salt River 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.

Geo McNeal Chainman.

J. R. Ortiz Chainman.

Frank Carpenter Axeman.

Jose M. Mariscal Flagman.

Sworn to and subscribed before me, this 11th day of December, 1879.

John L. Harris
U. S. Dep. Surveyor

Final Oath of Deputy Surveyor.

I, John L. Harris

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

19th day of August

1879. 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

Subdivision Towns of
Township 12 S. Range
19 E., of the Gila and
Salt River Meridian
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-