

No. 721

Field Notes

BOOK 721

OF THE SURVEY OF THE

SUBDIVISION LINES

-OF-

No. 721

Township *11 South* Range *18 East*

Gila and Salt River Base and Meridian

ARIZONA.

By *John L. Harris* D. S.

under contract dated *Aug. 19, 1879.*

Survey commenced *Nov. 18, 1879.*

Survey completed *Nov. 21, 1879.*

J.L.H.

a. b.

721

BOOK 721

U. South - E. angle & East.

Gila and Salt River Meridian.

5	4	33.	3	22.	2	11.	1
			32.		21.		10.
8	9	31.	10	20.	11	9.	12
			20.		19.		18.
17	16	29.	16	18.	14	f.	13
			28.		17.		6.
20	21	27.	22	16.	23	5.	24
			26.		15.		4.
29	28	25.	27	14.	26	3.	25
			24.		13.		2.
32	33	23.	34	12.	35	1.	36

18

BOOK 721

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 as-
 sist in measuring, to the best of our skill and
 ability.

Geo Mc Neal
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 perform the duties of Aceman and
Flagman 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

Wm L. Harris
W. Dep. Surveyor

Township 11 S. Range 18 E
Gila and Salt River Meridian

November, 18, 1879.

Rs. From the cor. to sec. 35 & 36, on the S. boundary
of the T₁. Inver

North between sec. 35 & 36,
var. $14^{\circ}20'$ East.

As per East Boundary.

In cañon bearing S. of W.

10.50 Leave cañon br. S. of W., upon rolling
and broken ground.

4000 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.

8000 S. taproot, marked & notched, 4 ft. long,
3 in. sq. at 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. 25, 26, 35 and 36. No trees near.

Land broken. Soil mostly poor. No timber.

Township 11 S. Range 18 E
 Pala & Salt River Meridian

40.00 Run. Eastward from line between 25 & 36.
 var. $14^{\circ} 20'$ East

40.00 Set temporary cor.

40.15 Deep dry gulch 150 lbs wide br. N.W.

80.09 Intersect E. boundary 10 lbs N.

a/cor. to secs. 25 & 36, from which

cor. is run

N. $89^{\circ} 56'$ W.

Return line bet sec. 25 & 36.

var. $14^{\circ} 20'$ East

40.04 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 for instanc-
 tion for 1/4 sec. cor. No trees near.

80.09 Cor to secs. 25, 26, 35 & 36.

Sand broken. Soil poor.

Grass. Scattering Palo Verde trees.

November 18, 1879.

Township 11 S. Range 18 E
 6th & Salt River Meridian

- Rs. North between sec. 25 & 26.
 var. $14^{\circ}20'$ East
- 18.00 Enter little cañon br. N. W.
- 26.00 Leave same br. N. W. run over
 broken ridges.
- 40.00 Set a post, marked $1/4$ S. 4 ft long, flat-
 tened 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.
- 42.00 Enter low ground on E. side San Pedro
 valley, being the Washaf cañons to the E.
- 65.00 Rise on broken hill br. E. M.
- 80.00 On flat top of hill. Set a post, marked &
 notched, 4 ft long, 3 in. sq. d. 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 cor. to sec. 23, 24, 25 & 26. No trees near.
 Land broken for most part. Some good soil.
 No timber.

Township 11 S. Range 18 E
Tila & Salt River Meridians

- No. East on random line bet. sec. 24 & 25
var. $14^{\circ}20'$ East
- 5.00 Leave hill $\frac{1}{2}$ mi across open pass
between hills, br. N. & S.
- 14.50 Ascend on broken high ridges between
cañons, br. E. & S.
- 40.00 Set temporary cor.
- 50.05 Intersect E. boundary 17 hrs. N.
of cor. to sec. 24 & 25, from which cor. drawn
N. 89° 53' W. true line bet. sec. 24 & 25
var. $14^{\circ}20'$ East
- 40.02 Set apart, marked $\frac{1}{2}$ ft. x $\frac{1}{2}$ ft. long, flattened 3
in. wide, 1 ft. in the ground, and built mound
of stones 2 ft. high, as per instructions for
the sec. cor. from which
A Mesquite 4 in. dia. br. S. 20° W. 45 lbs. dist.
No other trees near.
- 80.05 Cor. to sec. 23, 24, 25 & 26.
Sand broken. Soil mostly poor.
A few Mesquite trees. Grass

Township 11 S. Range 18 E
 6thth Salt River Meridian

No. North between secs. 23rd & 24th
 var. $14^{\circ} 20'$ East

4.50 Leave hill br. E. & W.

19.00 Ascend broken hills br. N. of rd.

38.00 Deep dry gulch 100 lbs wide, br. NW.

40.00 Set a granite stone $24 \times 12 \times 6$ in.
 $3/4$ in the ground, marked $1/4$, and
 on the N. build mound a foot $2\frac{1}{2}$ ft
 high, with pit $1\frac{1}{2}$ ft deep, $2\frac{1}{2}$ ft long, $1\frac{1}{2}$ ft
 wide, as per instructions for $1/4$ sec.
 cor. No trees near.

80.00 Set a post marked & notched, $4\frac{1}{2}$ ft
 long. $3\frac{1}{2}$ in sq. d. $1\frac{1}{2}$ in the ground,
 and build mound a foot $2\frac{1}{2}$ ft
 high as per instructions for cor.
 to secs. 13, 14, 23 and 24.

No trees near. Land broken,
 soil poor. Grass. Some
 mesquite and Palo Verde trees.

Township 11 S. Range 18 E
 T14th Salt River Meridian

No. East on random line bet. secs. 13 & 22nd.
 var. $14^{\circ}20'$ East

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

73.00 Deep dry wash 70 lbs. wide, 62 N. of fl.

80.03 Intersect E. boundary 13 lbs. N.
 of cor. to secs. 13 & 22nd, from which
 Cor. Issue

N. $89^{\circ}54'$ W. on true line bet. secs. 13 & 22nd.
 var. $14^{\circ}20'$ East.

40.02 Set a post marked $\frac{1}{4}$ S. 4 ft long, flat-
 topped 3 in wide, 1 ft. in the ground, drive
 charred stake & 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.

80.03 Cor. to Secs. 13, 14, 20 & 22nd.

Sand barren. Soil poor. Grass.

No timber.

Township 11 S. Range 18 E
 T₁₄ & Salt River Meridian

- 1.00 North between sec. 13 & 14.
 var. 14° 20' East.
- 1.00 Enter cañon br. S.W.
- 12.00 Leave same br. S.W. and rise
 on rolling & broken hills.
- 4000 Set a post, marked T₄S. 4 ft long,
 flattened 3 in. wide, 1 ft. in the ground,
 drive a nail thru & build mound of
 earth 2 ft high, with pits 1 ft. deep, 2 ft.
 long, 1 ft. wide, as per instructions
 for T₄ sec. cor. No trees near.
- 51.00 Enter cañon br. S.W.
- 66.50 Leave same br. S. of W.
- 8000 Set a post, marked "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. 11, 12, 13 & 14. No trees near.
 Sand brown. Soil mostly poor. Mes-
 quite & Palo Verde trees.

Township 11 S. Range 18 E
Gila & Salt River Meridian

No. East on random line bet sec. 12 & 13
var. $140^{\circ}20'$ East

19.12 Enter cañon bro. S. of W.

40.00 Set temporary cor.

79.91 Intersect E. boundary 18 Sec. S. of
cor. to sec. 12 & 13 from which
cor. June

S. $89^{\circ}52'$ W. on true line bet sec. 12 & 13

var. $140^{\circ}20'$ East

39.95 Set a post marked $\frac{1}{4}$ in. 4 ft. long, flattened,
3 in. wide, 1 ft. in the ground, sawi charred
stave & built 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. from which
a Mesquite, 4 in. dia. bro. South, 7 lbs. dist.
No other trees near.

79.91 Recor to Secs. 11, 12, 13 & 14.

Land broken. Some good soil in cañon.

Grass. Mesquite & Palo Verde trees.

Township 11 S. Range 18 E
Tola & Salt River Meridian

Line North between secs. 11 & 12
var. $14^{\circ}20'$ East

4000 Set a post, marked $1/4$ S. 4 ft. long,
flattened $3/4$ in. under 1 ft. in the ground
and build mound of stones 2 ft.
high as per instructions for $1/4$ sec.
cor. from which
a Mesquite 8 in. diam. East. 56 cor. dist.
No other trees near.

8000 Set a granite stone $24 \times 14 \times 10$ in.
notched S. & E., $3/4$ in the ground,
and on the N. build mound of
stones 2 ft. high as per instruc-
tions for cor. to secs. 1, 2, 11 & 12.
No trees near.

Land barren. Soil poor.

Grass. Mesquite & Palo Verde
trees.

Township 11 S. Range 18 E
 6th & Salt River Meridian

No East. on random line bet sec. 1 & 12.
 var. $14^{\circ}20'$ East.

4000 Set temporary cor.

79.86 Intersect E. boundary 25 lbs.
 S. of cor. to sec. 1 & 12. from
 which cor. I run
 S. $89^{\circ}49'$ W.

On true line bet sec. 1 & 12.

var. $14^{\circ}20'$ East

39.93 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.

79.86 Cor. to sec. 1, 2, 11 & 12.

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

Township 11 S. Range 18 E
Gila & Salt River Meridian

Go North on true line between 1 & 2.
var. $14^{\circ}20'$ East

13.50 Enter cañon bro. W.

31.69 Leave same bro. W. & S. of sec.

40.00 Set a post, marked $\frac{1}{4}$ S. of pl. long. flat-
tened 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.

79.88 Intersect the 2^d Standard Parallel S₂ at
a point 13.00 chs. W. of standard cor.
to sec. 35 & 36. T₁₀ S. R. 18 E.

Set a post, marked & 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 closing cor.
to sec. 1 & 2. No trees near.

Land rough, broken hills. Soil poor.
Mesquite & Palo Verde trees.

Township 11 S. Range 18 E
Gila & Salt River Meridian

No. North between secs. 34 & 35.
var. 14° 20' East

In E. side San Pedro valley

12.00 Leave valley, rise on high points of mesa bearing N.

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.

70.00 Descend into valley bn. N.E. & S.W.

80.00 Set a post, marked & notched, 4 ft. long, 3 in. sq. d. 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 cor. to secs. 26-27, 34 & 35.

No trees near.

Land mostly mesa. Soil poor
Grass. Mesquite & Palo verde trees.
November 19, 1879.

Township 11 S. Range 18 E
Gila & Salt River Meridian

To Eastern random line bet secs 26 & 35
var. $14^{\circ}20'$ East

3.00 Leave valley bet. N.E. S.W. ascend on
high brown hills.

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

80.00 Intersect N. & S. line at the
cor. to secs. 25, 26, 35 and 36.

from which cor. I run

West on true line bet secs 26 & 35.
var. $14^{\circ}20'$ East

4000 Set a post, marked $\frac{1}{4}$ S. 4 ft. long,
flattened 3 in. wide, 1 ft. in the ground
Drive charred stove and build a
mound of earth 2 ft. high, with pits
1 ft. deep, 2 ft. long, 1 ft. wide, for $\frac{1}{4}$ sec. cor. No trees near.

8000 The cor. to Secs. 25, 26, 35 & 36.

No trees near.

Land mostly hilly. Soil poor.

Grass. No timber

Township 11 S. Range 18 E
Gila & Salt River Meridian

Sec. North between secs. 26 & 27,
300. 14° 20' East

- 2.80 San Pedro road cor. N.E. & S.W.
- 25.90 San Pedro river 45 lvs. wide, flows N.E.
- 40.00 Set a post, marked by 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 4 sec. cor. from which
a Walnut, 8 in. dia. cor. S. 45° E. 10 lvs. dist.
an ash, 5 " " " West. 43 " "
- 79.00 Run into E. side of marshy place.
- 79.90 Leave same cor. N. & N.W.
- 80.00 Set a post, marked & notched, 4 ft. long,
3 in. sq. d. 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 cor. to Secs. 22.
23, 26, & 27. No trees near.
- Land level. Soil 1st Rate. Heavy willow
brush. Cottonwood, ash, Walnut, Willows
and Mesquite trees.

Township 11 S. Range 18 E
Gila & Salt River Meridian

- As East on random line bet. sec. 23 & 26,
var. $14^{\circ} 20'$ East
- 6.52 Fence br. N. E. & enter cultivated ground.
- 18.45 Road from field to House br. N. E. and
leave cultivated ground br. N. & S.
- 29.10 San Pedro river 53 las. wide, flows N. & N. of N.
- 30.47 Henry Redfield's House br. N. 6.87 ch. dist
- 32.90 San Pedro road br. W. of N.
- 40.00 Set temporary cor.
- 60.00 Leave valley br. N. & S. ascend on broken ground.
- 79.96 Intersect N. & S. line 5 las. S. of cor to sec.
23. Mt. 25 & 26. from which cor. In sec
S. 89° 58' W. on true line bet. sec. 23 & 26,
var. $14^{\circ} 20'$ East.
- 79.98 Set a post marked by a 4 ft long flattened 3 in wide
1 ft in the ground, drive charred stake & build mound
above it of high, with pits 1 ft deep, 2 ft long, 1 ft wide,
as per instructions for 1/4 sec. cor. from which
a mesquite 15 in dia. br. S. 32° E. 84 lan. dist.
No other trees near.
- 79.96 Cor. to Secs. 22, 23, 26, & 27. Land mostly
level. Soil 1st Rate. Mesquite & Cottonwood trees.

Township 11 S. Range 18 E
 Tla & Salt River Meridian

No. North between secs. 22 & 23
 var. 14° 20' East

4000 Setapost, marked 1/4 S. 4 ft long, flat-
 tined 3 in wide, 1 ft in the ground, drive
 charred stake & build mound of earth
 2 ft high, with pit 1 ft deep, 2 ft long,
 1 ft wide, as per instructions for 1/4 sec. cor.
 from which
 a mesquite, 4 in. dia. br., N. 11° E. 156 br. dist.
 No other trees near.

8000 Setapost, marked & notched, 4 ft long,
 3 in. high, 1 ft in the ground, drive charred
 stake & 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. 14:
 15. 22 & 23. from which
 a Mesquite, 6 in. dia. br., S. 29° E. 80 br. dist.
 do. 5 " " " N. 29° W. 145 " "

Land level. Soil 1st Rate. Fine grass.
 Mesquite & Cottonwood trees.

Township 11 S. Range 18 E
 Gila & Salt River Meridian

- S. Eastward on line bet sec. 14 & 23.
 var. $14^{\circ} 20'$ East
- 17.45 San Pedro river, 48 hrs. wide, flows N.W.
- 19.75 Acquia Cr. N. W. & S. E.
- 28.20 House Cr. S. 7.50 chs. dist
- 34.91 San Pedro road Cr. N. W. & S. E.
- 40.00 Set temporary $\frac{1}{4}$ sec. cor.
- 60.00 Leave valley Cr. N. & S.
- 71.00 Rise on broad hill to S. of cañon Cr. N. of E.
- 79.93 Intersect N. E. S. line 7 hrs. S. of cor. to
 sec. 13, 14, 23 & N. W. from which cor. from
 $S. 89^{\circ} 57' W.$ on true line bet sec. 14 & 23.
 var. $14^{\circ} 20'$ East
- 39.97 Set a post marked $1\frac{1}{2}$ ft. long, flattened 3 in. wide
 1 ft. in the ground, driven chared stake & built around a
 east of the high, with pits 1 ft. deep, 2 ft. long, 1 ft. wide, as
 per instructions for $\frac{1}{4}$ sec. cor. from which
 a mesquite 3 in. dia. Cr. N. $31^{\circ} E.$ 165 hrs. dist.
 No other trees near.
- 79.93 Cor. to Sec. 14, 15, 22 & 23.
 Land mostly valley, soil not rated. Fine
 grass. Mesquite & Cottonwood trees.

Township 11 S. Range 18 E
 Gila & Salt River Meridian

No. North between sec. 14 & 15
 var. $14^{\circ}20'$ East.

23.50 San Pedro river. 85 hrs. wide, flows N.W.

38.55 Acquia Cr. N. W. & S. E.

40.00 Set a post, marked 14 S. 4 ft. long, flattened 3
 in. wide, 1 ft. in the ground, drive charred
 stake & build mound a fourth 2 ft. high,
 with pits 1 ft. deep, 2 ft. long, 1 ft. wide, as
 per instructions for 14 sec. cor. No tree near.

48.57 Boland's House Cr. N. 50 hrs. dist.

59.00 Fence Cr. N. E. & S. W. & entire cultivated ground.

80.00 Set a post, marked & watched, 4 ft. long,
 3 in. sq. d. 1 ft. in the ground, drive charred
 stake & build mound a fourth 2 ft. high,
 with pits 1 ft. deep, 2 ft. long, 1 ft. wide, as per
 instructions for cor. to Secs. 10, 11, 14 and
 15. No trees near.

Land level. Soil 1st Rate. Cottonwood and
 Mesquite trees.

Township 11 S. Range 18 E
Gila & Salt River Meridian

To Eastern random line bet. secs. 11 & 14

var. $14^{\circ} 20'$ East.

7.75 Fence to N. & S. & leave cultivated ground.

8.05 San Pedro road to N. & S.

11.00 Leave valley, ascend on broken hills to N. & S.

40.00 Set temporary cor.

79.89 Intersect N. & S. line 11 hrs. S. of cor.
to secs. 11, 12, 13 & 14, from which cor. I run
 $S. 89^{\circ} 55' N.$ Outline line between 11 & 14.

var. $14^{\circ} 20'$ East

39.94 Set a post, marked $\frac{1}{4}$ S 4 ft. long, flat
tened 3 in wide, 4 ft. in the ground,
and build mounds of stones 2 ft.
high, as per instructions for $\frac{1}{4}$ sec.
cor. No trees near.

79.89 Cor. to secs. 10, 11, 14 & 15.

Land level, Soil 1st Rate N.,
Broken & Poor, E. Some
Mesquite trees.

Township 11 S. Range 18 E

6th & Salt River Meridian

Sec. North between secos 10 & 11

Var. $14^{\circ} 20'$ East

- 6.40 Fence br. E. 100, & leave cultivated ground
- 30.00 Gardner's House br. W. 10.00 chs. dist,
on the W. bank of the river.
- 40.00 Set a post, marked 74 S. 4 ft. long, flattened 3
in. wide, 1 ft. in the ground, drive charred staves and
build mound of earth 2 ft. high, with pits 1 ft. deep,
2 ft. long, 1 ft. wide, as per instructions for trace cor. provided
A Cottonwood 28 in. dia. br. N. 2° E. 366 lbs. dist
No other trees near.
- 50.55 San Pedro river, 40 lbs. wide, flows E. of N.
- 57.80 San Pedro river again flows N. Line runs
in river. Set flag on line on N. edge of
river, and measure off a base 300 lbs. W.
to a point whence flag br. N. $39^{\circ} 02'$ E.,
which makes distance to flag 3.70 chs. and set
- 61.50 To flag on N. edge of river which turns
W. a ft. and N. W. and leave it.
- 80.00 Set a post, marked and notched,
4 ft. long. 3 in. sq. d. 1 ft. in the ground.

Township 11 S. Range 18 E
 6th & Salt River Meridian

Set 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 cor. to Secs
 2, 3, 10 and 11. No trees near.
 Land level. Soil 1st Rate. Cottonwood
 and mesquite trees.

East on random line bet secs. 2 & 11.
 var. $14^{\circ} 20'$ East

4.35 San Pedro road, br. N. of N.

26.00 Leave valley br. N. of N. ascend broken hills.

40.00 Set temporary cor.

79.87 Intersect N. & S. line 9 hrs. N. of cor. to Secs.

1, 2, 11 & 12, from which cor. Set

N. $89^{\circ} 56'$ W. Outline line bet secs. 2 & 11.

var. $14^{\circ} 20'$ East

39.93 Set a post, marked 4 ft, 4 ft long, flattened 3 in. wide, 4 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 4 sec. cor. No trees near.

79.87 Cor. to Secs. 2, 3, 10 and 11. Land first
 level. Soil 1st Rate. Then hilly and poor on the E.
 Mesquite trees. Pine grass.

Township 11 S. Range 18 E
 Gila & Salt River Meridian

Trs. North section bet. sec. 2 & 3.

var. 14°20' East

14.90 San Pedro road br. N. W. & E. of S.

40.00 Set a post, marked 1/4 S. 4 ft. long, flattened 3
 in. wide, 1 ft. in the ground, and build
 stone & build mound of stones 2 ft. high, with pits
 1 ft. deep, 2 ft. long, 1 ft. wide, as per instru-
 tions for 1/4 sec. cor. No trees near.

48.00 Leave valley br. N. W. & S. E., ascend on
 broken hills.

79.93 Intersect 2^d Standard S., at a point
 12.70 chs. N. of standard cor. to sec.
 2 & 3. Tr. 10 S. R. 18 E.

Set a post, marked & 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 the closing cor. to sec.
 2 & 3. No trees near.

Land level. Soil rate S. Hill & Poor N.
 Mesquite trees. Fine Grass. November 20, 1899.

Township 11 S. Range 18 E
 T14 & Salt River Meridian

Chs. North between secs. 33 & 34
 var. $14^{\circ}20'$ East

2.50 Leave valley br. N. E & S. and rise on
 broken hills.

4.00 Set a post, marked $1/4$ S. 4 ft. long, flat-
 tened 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.

8.00 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. 27, 28, 33 & 34.

No trees near.

Land mostly broken. Soil poor.
 Mesquite & Palo Verde trees.

Township 11 S. Range 18 E
 6th & Salt River Meridian

No. East on random line between 27 & 34
 var. $14^{\circ}20'$ East.

27.50 Enter valley br. N. & S.

28.36 Acquia br. N. & N. E.

40.00 Set temporary cor.

49.75 San Pedro river, 50 hrs. wide, flows N. E.

69.00 San Pedro road br. N. E & S. W.

79.92 Intersect N. & S. line 12 hrs. N. of
 cor. to secs. 27. 26. 34 & 35. from
 which cor. I run.

N. 89° 53' W. between line between 27 & 34
 var. $14^{\circ}20'$ East

39.96 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 of height, with pits
 1 ft. deep, 2 ft. long, 1 ft. wide, as per instructions for
 1/4 sec. cor. from which

a Walnut, 4 in. dia. br. South, 23 hrs. dist.,
 No other trees near.

79.92 Cor. to secs. 27. 28. 33 and 34
 Land mostly level. Soil 1st Rate. Cat-
 tainwood, ash, Walnut and Mesquite trees. Some
 willow brush.

Township 11 S. Range 18 E
 T14 E Salt River Meridian

Co. North between secs. 27 & 28.

var. 14020 East

12.00 Deep gulch 250 lvs. wide, br. S.E.
 40.00 Set a post, marked 1/4 S. off bl. 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.

46.00 Little cañon 300 lvs. wide, br. S.E.
 80.00 Set a post marked 1/4 notched, off bl.
 long, 3 in sq. etc. 1 ft. in the ground,
 and build mound of stones 2 ft.
 high, as per instructions for cor.
 to secs. 21, 22, 27 and 28,
 No trees near.
 Land broken.

Soil poor.

Grass. No timber.

Township 11 S. Range 18 E
 6th E Salt River Meridian

Co. East. on random line bet secs 22 & 27
 var. 14° 20' East.

4000 Set temporary cor.

75.00 Second wide valley br. N. & S.

77.50 Marshy ground br. N. & S.

79.80 Leave same br. N. & NW.

79.90 Intersect N. & S. line 10 hrs. N. of
 cor. to secs. 22, 23, 26, and 27.

from which cor. I run

S. 89° 56' W. on true line bet secs 22 & 27.

var. 14° 20' East

39.95 Set post, marked 14 S. 4 ft. long, flat-
 tined 3 in wide, 1 ft. in the ground, and
 build around a stone 2 ft high, as per
 instructions for 14 sec. cor. No trees near

79.90 Cor. to secs. 21, 22, 27 & 28.

Land mostly broken and
 soil poor. Palo Verde and
 Mesquite trees.

Township 11 S. Range 18 E
 T14th & Salt River Meridian

As. North between secs. 21 & 22.
 var. 14° 20' East

2.00 Enter cañon bro. E.

14.50 Leave same bro. E.

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 instructions for
 $\frac{1}{4}$ 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 instruc-
 tions for cor. to Secs. 15, 16, 21
 and 22. No trees near.
 Sand broken. Soil poor.
 Mesquite & Palo Verde trees.

Township 11 S. Range 18 E
 T¹ & Salt River Meridian

- Pro. East on random line bet sec. 15 & 22.
 var. $14^{\circ} 20'$ East
 1.50 Enter cañon br S. of E.
 20.00 Leave same br. N. E. & rise on broken hills.
 40.00 Set temporary $\frac{1}{4}$ sec. cor.
 59.00 Enter valley br. N. of N.
 80.08 Intersect N. & S. line 15 lns. N.
 of cor. to secs. 14, 15, 22 & 23.
 from which Cor. Draw
 N. $89^{\circ} 54'$ W. on true line bet sec. 15 & 22.
 var. $14^{\circ} 20'$ East
 40.04 Set a post, marked $\frac{1}{4}$ S. of $\frac{1}{4}$ long,
 flattened 3 in wide, 1 ft. in the
 ground, and build mound of stone
 2 ft high, as per instructions for
 $\frac{1}{4}$ sec cor. No tree near.
 80.08 Cor to Secs. 15, 16, 21 & 22.
 Land broken & Poor N.
 Level & 1st Rate E. Grass,
 Mesquite & Palo Verde trees.

Township 11 S. Range 18 E.

Pla & Salt River Meridian

Rs North between secs. 15 & 16.

var. 14° 20' East

1.00 Enter canon br. E.

15.00 Leave same br. E & N. of E.

4000 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.

8000 Set a post, marked 9 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. 9, 10, 15 & 16.

No trees near.

Land broken. Soil poor.

Grass. Mesquite & Palo Verde trees.

Township 11 S. Range 18 E
 N. & Salt River Meridian

No. East on random line bet sec. 10 & 15.
 var. 114° 20' East

4000 Set temporary cor.

48.00 Enter valley bet. N. W. & S.

67.66 San Pedro river, 52 hrs. ride, flows N. of W.

76.50 Enter cultivated ground bet. N. & S.

80.12 Intersect N. & S. line 18 hrs. N.
 of cor. to Secs. 10, 11, 14 & 15, from
 which cor. I run

N. 89° 52' W. on true line bet sec. 10 & 15.
 var. 114° 20' East

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

80.12 Cor. to Secs. 9, 10, 15 and 16.
 Land broken & poor. Then level and
 plow on the E. Fine Grass, Cottonwood,
 Mesquite & Palo Verde trees.

Township 11 S. Range 18 E
 6th & Salt River Meridian

Sec. North between sec. 9 & 10.

var. $14^{\circ} 20'$ East

10.00 Little cañon 500 lbs. wide, br. E.

20.45 Another little cañon 450 ^{lb.} ~~ft.~~ wide, br. N of E.

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

50.00 Set a post, marked & notched, $1/4$ ft. long 3 in sq. 1 ft in the ground, drive a 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 cor. to Secs. 3, 4, 9 & 10 of same block.

A Mesquite 3 in. dia. br. S. 86° E. 60 lbs. dia. No other trees near.

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

Township 11 S. Range 18 E
 T14 & Salt River Meridian

No. East on random line bet sec. 3 & 10.

var. $14^{\circ}20'$ East

28.00 Enter valley br. N. of N. and S.

40.00 Set temporary cor.

64.78 San Pedro river 51 lbs wide, flows N. of N.

80.06 Intersect N. and S. line 7 lbs S.

of cor to sec. 2, 3, 10 and 11. from
 which cor. done

S. 89° 57' N. bet sec line bet sec. 3 & 10

var. $14^{\circ}20'$ East

40.03 Set apart marked $\frac{1}{4}$ S. 4 ft long, flat
 tenned 3 in wide, 1 ft on the ground. ~~Some~~
 charr'd stave & 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. from which

a Mesquite, 4 in. dia. br. S. 21° E. 43 lbs. dist.

do. 4 " " N. 45° W. 61 " "

80.06 Cor to sec. 3, 4, 9 and 10.

Land mostly level. Soil 1st Rate
 Fine Gnes. Mesquite and Cottonwood trees.

Township 11 S. Range 18 E.
Tla & Salt River Meridian

To North on true line bet sec. 3 & 4
var. 14° 20' East

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.

43.50 Enter little cañon bet. S. of E.

50.00 Leave same bet. E. and rise on
broken hills

79.89 Set a post 2° Standard S. at a point
12.33 chs. W. of standard cor. to
Secs. 33 & 34. Twp. 10 S. R. 18 E.

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 instruc-
tions for closing cor. to Secs. 3 and

4. No trees near.
Land broken hills, Soil poor. Grass
Mesquite & Palo Verde trees.

November 21, 1879.

General Description.

The foregoing field notes describe all the lines of subdivision in T^r. 11 S. Range 18 E, that are practicable and cover all the ground in the Township that is surveyable.

The surveyed portion of the Township embraces a portion of the rich San Pedro valley, the river flowing northerly through the Township and containing sufficient water for the irrigation of the agricultural lands. The soil of the valley is deep and rich and very productive. There is a heavy growth of sacaton grass in portions

of the Township. The lands bordering the valley are considerably broken but affording excellent grazing.

There is Cottonwood and Mesquite timber in various portions of the Township.

The W. half of the township is wholly impracticable, high broken ranges of hills cut by deep, precipitous canyons and wholly waterless.

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 Luis of
Township 11 S. Range
18 E. of the Gila and
Salt River Meridian
Arizona

Showing the respective capacities in which they
acted.

George McNeal Chainman.

W. P. Ortiz Chainman,

Franck Caspente Axeman.

Jose M. Mausel Flagman.

Final Oath of Assistants.

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

Subdivision Tracts of
Township 11 S. Range 18
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 Mc Neal Chainman.

G. R. B. Stig Chainman,
Frank Carpenter Axeman.

Joe M. Aldrich 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 Lines of
Township 11 S. Range 18
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-

39

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.

John L. Harris

 Deputy Surveyor.

Sworn to and subscribed before me, this *13th*
 day of *December*, 187*9*

John P. Tanell

 Notary Public.



BOOK 721

U. S. Surveyor General's Office,
Tucson, Arizona, February 6., 1880

The foregoing Field Notes of the survey of the
Subdivision Lines of
Township 11 South
Range 8 East.

of the Gila and Salt River Base and Meridian, Arizona
executed by John L. Heavis
D. S., under his contract of the 19th day of
August, 1879, having been critically ex-
amined and the necessary corrections and explanation
made, the said Field Notes and the surveys they de-
scribe, are hereby approved.

John Mason
Surveyor General.