

No. 780

BOOK 780

Field Notes

OF THE SURVEY OF THE

SUBDIVISION LINES

- OF - BOOK 780

Township 13 S Range 19 E

Gila and Salt River Base and Meridian

ARIZONA.

By John L. Harris D. S.

under contract dated Aug 19 1879.

Survey commenced Dec. 8 1879.

Survey completed Dec. 10 1879.

J.L.H.

a. b.

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in

BOOK 780

ownship 13 South Range 9 East.

Gila and Salt River Meridian.

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				34.		28.		19.	10.
7	8	33.	9	26.	10	18.	11	9.	12
				32.		25.		17.	8.
18	17	31.	16	24.	15	16.	14	7.	13
				30.		23.		15.	6.
19	20		21	22.	22	14.	23	5.	24
						21.		12.	3.
30	29		28		27	13.	26	4.	25
									1.
31	32		33		34		35	X	36

13

Preliminary Oaths of Assistants.

We, George McNeal

and J. P. Porter

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 Mc Neal
J P Porter

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

John L. Harris
US Dep Surveyor

We, Frank Carpenter and
Jose M. Mariscal

do solemnly swear that we will well and truly perform the duties of Assessors and
Receivers, 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

No. 780

BOOK 780

10

Township 13 S. Range 19 E.
 T14 & Salt River Meridian

December 8, 1879.

No. The cor. to secs. 35 & 36 on the S.
 boundary of the Township could
 not be established.

From the cor. to secs. 25 & 36, as
 lately established by myself
 under this present contract, down
 West to true line bet secs. 25 & 36,
 var. $14^{\circ}05'$ East

Proper East Boundary.

- 14.63 San Pedro road br. N. W. and S. E.
 15.00 Enter valley br. N. W. & S. E.
 16.29 Juan Bajorquez's House br. S, 16.13 chs. dist.
 18.48 Brush Shed br. S, 13.29 chs. dist.
 28.06 Branch of San Pedro road br. S. E. & N. W.
 32.92 Acquia br. N. and N. of N.
 35.52 San Pedro river, 42 lns wide, br. N. of N.
 40.00 Set a post, marked 14° S. 4 ft. long, flat-
 tened 3 in. wide, 1 ft. in the ground,
 drive charred stake and build a
 mound of earth 3 ft. high, with

Township 13 S. Range 19 E
 Tla^g & Salt River Meridian

Obs. pits 1 ft. deep, 2 ft. long, 1 ft. wide
 as per instructions for 1/4 sec. cor.
 No trees near.

And leave valley br. N. N E S E.
 Land level for most part and
 soil 1st Rate. Mesquite trees.

I attempted to continue this
 line N. to establish the cor.
 to secs. 25, 26, 35 and 36,
 but in a short distance was
 compelled to desist. The
 ground is a series of broken pre-
 cipices and canons.

Going then to the cor. to secs. 24
 and 25, on the E. boundary of
 the Township, I run thence

Township 13 S. Range 19 E
Gila & Salt River Meridian

- Chs. West on true line bet sec. 24 & 25.
var. $14^{\circ}05'$ 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 instructions
for $\frac{1}{4}$ sec. cor. No trees near.
- 5300 Descend into valley, br. N. W. & S. E.
- 60.91 San Pedro road br. N. E. N. W.
- 75.80 Ming's first house br. S., 10 hrs. dist.
- 76.09 Branch of main road br. N. and S.
- 76.20 Enter cultivated ground br. N. & S.
- 77.73 Ming's large house br. S., 172 hrs. dist.
- 80.00 Set a post, marked & 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 instructions for cor. to sec. 23, 24, 25 & 26.
No trees near. Land hilly and poor E.
Soil & 1st Rate W. Mesquite trees.

Township 13 S. Range 19 E
 7th & Salt River Meridian

The South true line bears $25^{\circ} 26'$
 var. $14^{\circ} 05'$ East

In cultivated ground.

- 11.65 Acquia br. N. of N.
 23.74 Small acquia br. N. N. and leave
 cultivated ground br. NW. & S. E.
 26.40 San Pedro river, 45 lbs. wide, flows NW.
 35.00 Leave valley br. N. N. & S. E. ascend on broken hills.
 40.00 Set a post, marked 14 S. 4 ft long, flattened
 3 in. wide, 1 ft in the ground, drive charred
 stake & build mounds of earth 2 ft high
 with pits 1 ft deep, 2 ft long, 1 ft wide,
 as per instructions for 14 sec. cor. No trees near.
 Land mostly level. Soil pt. Rate.
 Some mesquite trees.

I endeavored to reach the cor. to sec.
 25. 26. 35 & 36 on this line but found
 it impossible to do so. The line
 south is impracticable.

Township 13 S. Range 19 E.
Gila & Salt River Meridian

Trs. North between secs. 23 & 24
var. 14° 05' East

In cultivated ground. -

- 6.00 Acquia trs. N. E.
- 22.20 Acquia trs. S. of W. & leave cultivated ground
and run on mesa trs. E. side.
- 24.59 San Pedro road trs. N. W. and S. E.
- 40.00 Set a post, marked 1/4 S. 4 ft. long, flattened 3 in.
wide, 1 ft. in the ground, drive chared stake
& build mound a fourth 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, 10 in. dia. trs. S. 19° 25' 57" long. dist.
do. 15 " " " S. 54° E. 79 "
and leave valley trs. S. E. and N. W.
- 80.00 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. 13, 14, 23 & 24.
No trees near. Land level. Soil 1st rate.
Then hilly & poor. Grass.
Mesquite tree.

Township 13 S. Range 19 E
1/4th Salt River Meridian

No. East. or random line between 13th & 14th.
var. 14° 05' East

4000 Set temporary cor.

80.12 Intersect E. boundary 20 lbs.
S. of cor. to sec. 13 E 24th from which
cor. run
S. 89° 51' W.

On true line between 13th & 14th.
var. 14° 05' East

40.06 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 pits 1 ft. deep, 2 ft. long, 1 ft. wide
as per instructions for 1/4 sec. cor.
No trees near.

80.12 Cor. to Secs. 13, 14, 20 E 24th.
Sand broken. Some good seed
Grass. Palo Verde trees.

Township 13 S. Range 19 E
 T14^E Salt River Meridian

Co. North between secs. 13^E & 14.

var. 14° 05' East

34.00 Enter cañon br. SW. & N. E.

40.00 Set a post, marked T4 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 T4 sec.
 cor. No trees near.

58.00 Leave cañon br. NE. & SW, ascend on
 broken hills.

80.00 Set a post, marked E notched, 4
 ft. long, 3 in. sq. d. 1 ft. in the ground
 drive charred stake and build a
 mound of earth 2 ft. high, with pits
 1 ft. deep, 2 ft. long, 1 ft. wide, as per
 instructions for cor. to secs. 11,
 12, 13 and 14. No trees near.

Land barren. Soil poor. Grass. Mes-
 quite and Palo Verde trees.

Township 13 S. Range 19 East
 Gila and Salt River Meridian

To East random line bet sees 12 & 13

var. $14^{\circ}05'$ East

4000 Set temporary cor.

43.00 Enter cañon br. SW & NE.

63.50 Leave same br. SW & NE.

80.16 Intersect E. boundary 13 Sec. S.
 of cor. to sees. 12 & 13. from which
 cor. I run
 $S. 89^{\circ}34' W.$

Put true line bet sees. 12 & 13

var. $14^{\circ}05'$ East

40.08 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 seen.

80.16 Cor to sees. 11, 12, 13 & 14.

Land broken. Soil poor. Grass.
 No timber.

Township 13 S. Range 19 E
Gila & Salt River Meridian

Secs. North between secs. 11 & 12.
var. 14° 05' East

4000 Set a post, marked 7/4 ft long,
flattened 3 in. wide 1 ft. in the
ground, and build mound
of stones 2 ft. high, as per
instructions for 7/4 sec. cor.
No trees near.

8000 Set a post, marked "notched",
4 ft long, 3 in. sq. d. 1 ft. in the
ground, drive chauld 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. 1, 2, 11 & 12.
No trees near.

Sand rolling. Some good soil
Grass. Palo Verde trees.

Township 13 S. Range 19 E
 1/4th Salt River Meridian

Pro. East random line bet secs. 1 & 12.
 var. $14^{\circ}05'$ East.

4000 Set temporary cor.

80.09 Intersect E. boundary 15 hrs.
 S. of cor to secs 1 & 12. from which
 cor. I run
 $S. 89^{\circ}54' N.$

Old true line bet secs. 1 & 12.
 var. $14^{\circ}05'$ East.

40.04 Set a post marked $1/4$ S. off. long.
 flattened 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 in-
 structions for $1/4$ sec. cor. No trees near.

80.09 Intersect cor to secs 1, 2, 11 & 12.
 Land rolling. Some good soil
 Grass. Palo Verde trees.

Township 13 S. Range 19 E
 Tla & Salt River Mendocino

Ths. North or random line bet sees. 1 & 2.
 var. $14^{\circ} 05'$ East

4000 Set temporary cor.

80.10 Intersect N. boundary 10 hrs.
 E. of cor to seea. 1 & 2. from
 which cor. Draw
 $S 0^{\circ} 4'$ E.

Put true line bet sees. 1 & 2.
 var. $14^{\circ} 05'$ East.

40.10 Set a post, marked $7/4$ S. 4 ft.
 long, flattened 3 in wide, 1/2 in
 in the ground, and build a
 mound of stones 2 ft high
 as per instructions for $7/4$ see.
 cor. No trees near.

80.10 Cor. to seea. 1. 2. 11 E 12.

Sand rolling hills. Some
 good soil. Grass. No timber.

Township 13 S. Range 19 E
 Tla³ Salt River Meridian

No. West on true line bet sec. 23 & 26.
 var. 14° 05' East.

In cultivated ground. -

- 0.77 Acquia br. N. & S.
 14.44 Acquia br. NW. & East S. and leave
 cultivated ground br. NW & S.E.
 26.90 San Pedro river, 42 lbs. wide, flows NW.
 26.80 Leave valley br. NW & S.E., ascend on broken hills.
 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 foot high,
 with pits 1 ft. deep, 2 ft. long, 1 ft. wide, as per
 instructions for 14 sec. cor. No trees near.
 60.00 Enter Turkey creek Cañon br. N.
 64.50 Wash of Turkey creek, dry, 450 lbs. wide, br. N.
 65.50 Road in wash br. N.
 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 a foot high, with pits 1 ft. deep,
 2 ft. long, 1 ft. wide as per instructions for cor. to sec.
 22, 23, 26 and 27. No trees, near.
 Sand loess. Soil 1st Rate E. Broken and
 mostly poor. No Mesquite trees.

Township 13 S. Range 19 E
Tla & Salt River Meridian

Ths. South on trail line bet sec. 26 & 27
var. $14^{\circ}05'$ East.

22.00 Leave cañon br. E & S.

31.00 Enter same again br. E & S.W.

40.00 Set a post, marked 14 S. 4 ft. long,
flattened 3 in wide, 1 ft. in the ground
dug a charred stake & build mound of
earth 2 ft high, with pits 1 ft deep, 2 ft
long, 1 ft wide, as per instructions for
14 sec. cor. from which

A Mesquite, 8 in. dia. br. S. $23\frac{1}{2}^{\circ}$ E. 29. 40. dist.

do. 6 " " N. 30° E. 40 " "

Land level & broken. Some good soil.

Mesquite trees.

I endeavor to continue S. but find
it impracticable and impossible.

The ground is broken high cañon
walls and rough mountains.

December 8. 1879.

Township 13 S. Range 19 E
 Tla & Salt River Meridian

To North between sec 22 & 23

var. $14^{\circ}05' E.$

- 10.00 Enter San Pedro valley br. E. & N. W.
- 35.63 Semma's House br. E. 23.46 chs. dist.
- 36.20 San Pedro river 55 br. wide, flow N. of W.
- 39.24 Lucas Mendoga's House br. E. 20.38 chs. dist.
- 40.00 Set a post marked $\frac{1}{4}$ S. 4 ft. long, flattened
 3 in. wide, 1 ft. in the ground, drive charred stone
 and build mound of earth 2 ft. high, with pit
 1 ft. deep, 2 ft. long, 1 ft. wide, as per instructions
 for 14 sec. cor. from which
 a Cottonwood, 12 in. dia. br. S. $5^{\circ} N.$ 250 br. dist.
 No other trees near.
- 41.74 Acquia br. N. of W. & enter cultivated ground
- 52.70 Acquia br. N. of W & E, & leave cultivated ground
- 54.90 San Pedro road br. N. W. and E. Safe E.
- 55.51 Leave valley br. N. of W. & E. S. of E. & ascend on hills
- 80.00 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. 14, 15, 22 and
 23. No trees near.
 Land level. Soil 1st Rate S. Rolling hills
 and poor N. Some Cottonwood and Mes-
 quite trees.

Township 13 S. Range 19 E

Gila & Salt River Meridian

Ch. East on random line bet sec. 14 & 23

var. $14^{\circ}05'$ East

4000 Set temporary cor.

45.00 Enter cañon to W. of S. & N. E.

62.00 Leave same to S. & N. N. E., rise on
broken and rolling ground.

79.90 Intersect N. & S. line 10 hrs. S. of
cor to sec. 13, 14, 23 & 24 from
which cor. Inm

S. $89^{\circ}56'$ N. true line bet sec. 14 & 23

var. $14^{\circ}05'$ East

3995 Set a post, marked 14 S. 4 ft. long, flattened 3 in.
wide 1 ft. in the ground, drive chared stake
and build mound of earth 2 ft. high with
pit 1 ft. deep, 2 ft. long, 1 ft. wide, as per in-
struction for 1/4 sec. cor. No trees near.

79.90 Conto sec. 14, 15, 22 & 23.

Land broken & rolling. Soil mostly poor.

Grass. Pale Verde trees.

Township 13 S. Range 19 E
 Pa & Salt River Meridian

Line North between secs. 14 & 15,
 var. $14^{\circ}05'$ 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 of earth 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 & 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. 10, 11, 14 and 15, from which a Palo Verde, 4 in. dia. br. S. 1° E. 29 ft. dia. dist.
 No other trees near.
 Land broken hills. Soil mostly poor.
 Grass. Some Palo Verde trees.

Township 13 S. Range 19 E
 1/4th Salt River Meridian

Chs. Eastward line bet secs. 11 & 14.
 var. $14^{\circ}05'$ East.

4000 Set temporary cor.

79.87 Intersect N. S. line 17/8^{ths} N. of
 cor. to secs. 11, 12, 13 & 14, from
 which cor. I run
 $N. 89^{\circ}53' W.$

Pro true line bet secs. 11 & 14.

var. $14^{\circ}05'$ East

39.93 Set a post, marked 1/4 S. 4 ft. long,
 flattened 3 in. wide (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 1/4 sec. cor.

No trees near.

79.84 Cor. to secs. 10, 11, 14 and 15.

Land rolling grassy hills. Some
 good soil. Palo verde trees.

Township 13 S. Range 19 E
 Wa & Salt River Meridian

Trs. North, between secs. 10 & 11.

var. $14^{\circ}05'$ East

4000 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 pits 1 ft. deep, 2 ft. long, 1 ft.
 wide, as per instructions for $1/4$
 sec. cor. No trees near.

5000 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 in-
 structions for cor. to secs. 2, 3,
 10 and 11. No trees near.

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

Township 13 S. Range 19 E
 6th & Salt River Meridian

No. East on random line bet secs. 2 & 11.
 var. $14^{\circ}05'$ East.

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

79.85 Intersect N. of line 11 bet. N. of
 cor to secs. 1, 2, 11 and 12. from
 which cor. Draw
 $N. 89^{\circ}55' W.$

Put true line bet secs. 2 & 11.

var. $14^{\circ}05'$ East

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

79.85 Cor to Secs 2, 3, 10 & 11.

Land rolling. Some good soil.
 No timber.

Township 13 S. Range 19 E.
 1/4th Salt River Meridian

Chs. North on sandbar line bet sec. 2 & 3.
 var. $14^{\circ}05'$ East

4000 Set temporary 1/4 sec. cor.

79.94 Intersect N. boundary 15 hrs. E. of
 cor to sec. 2 & 3, from which
 cor. Iron
 S. $0^{\circ}6'$ E.

On true line bet sec. 2 & 3.

var. $14^{\circ}05'$ East

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

79.94 Cor to sec. 2, 3, 10 and 11.

Land rolling. Some good soil
 Grass. No timber.

Township 13 S. Range 19 E
 Tola & Salt River Meridian

Sec West of true line bet sec. 22 & 27
 var. 14° 05' East

1800 Leave Turkey creek cañon Cr. N. S.,
 and ascend on rolling hills.

4000 Set a post, marked 14 S. 4 ft. long,
 flattened 3 in. wide, 1 ft. in the ground,
 drove charred stake and build a
 mound of earth 2 ft. high, with
 pits 1 ft. deep, 2 ft. long, 1 ft. wide
 as per instructions for 14 sec. cor.
 No trees near.

8000 Set a post, marked E notched, 4 ft.
 long, 3 in. sq. d. 1 ft. in the ground, drove
 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 21, 22, 27 & 28.

No trees near. Land level. Some good
 soil on E. Then rolling hills. Grass.
 Palo verde trees.

Township 13 S. Range 19 E
 6th & Salt River Meridian

Chs. North between secs. 21 & 22

var. $14^{\circ} 05'$ East

4000 Set apart, marked $1/4$ S. 4 ft. long flat-topped 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.

72.00 Enter canon br. SW. & N.E.

8000 Set apart, marked Enclosed, 4 ft. long, 3 in. eqd. 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. 15, 16, 21

and 72, from which
 a Mesquite, 15 in. dia. br. $N. 38^{\circ} E.$ 64 br. dia.
 do. 10 " " " $S. 35^{\circ} E.$ 78 " "

No other tree near.

Land mostly hilly. Some good soil
 Grass. Some mesquite trees.

Township 13 S. Range 19 E
 N. & Salt River Meridian

Ch. East on random line bet secs 15 & 22,
 var. $14^{\circ}05'$ East

- 10.00 Leave canon br. N.E. & S.W.
 20.00 Enter valley br. N.W. & S.E.
 40.00 Set temporary cor.
 53.00 San Pedro river 38 lbs. wide flows N. of N.
 62.15 Acquia br. N. of N. & enter cultivated ground
 64.25 Acquia br. N. of N. and leave cultivated ground
 64.59 San Pedro road br. N. of N. and S.E.
 65.00 Leave valley br. N. of N. & ascend on hills.
 80.08 Intersect N. & S. line 7 lbs. N. of center sec.
 14.15.22 & 23, from which cor. I run
 N. $89^{\circ}57'$ W. by true line bet secs. 15 & 22.
 var. $14^{\circ}05'$ East

40.04 Set a post marked 14 S. 4 ft. long, flattened 3 in wide,
 1 ft. in the ground, base chamed stone and built
 mound of earth 2 ft high with pile of debris 2 ft
 long, 1 ft wide, as per instructions for 1/4 sec. cor.
 No trees near.

80.08 Cor. to Secs. 15, 16, 21 and 22.
 Land mostly level. Soil 1st Rate. Fine
 Grass. Mesquite & Cottonwood trees.

December 9, 1879.

Township 13 S. Range 19 E
 N. & Salt River Meridian

Pos. North between secs 15 & 16.

var. $14^{\circ}05'$ East

15.00 Leave canon br. N. E. & S. W., ascend on
 ridges bearing E.

40.00 Set a post, marked "4 S." 4 ft. long, flat-
 tened 3 in. wide, 1 ft. in the ground,
 drive charred stake and build a
 mound of earth 2 ft. high, with pits 1 ft.
 deep, 2 ft. long, 1 ft. wide, as per in-
 structions for base. cor. No trees near.

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. 9, 10, 15 and 16. No trees near.
 Sand broken. Some good soil. Grass.
 No timber.

Township 13 S. Range 19 E.

Gila & Salt River Meridian

No. Encouragement line bet secs. 10 & 15
var. $14^{\circ}05'$ East

- 5.00 Enter valley brs. N. of N.
23.24 Antonio Van Alotini's House br. N, 2.05 chs. dist.
25.59 Corral br. N. & S. 171 lns wide; and de-
scend to lower ground br. N. & S.
32.15 San Pedro river 40 lns wide, flows N.
33.05 Enter marshy ground N. & S.
40.00 Set temporary cor.
45.00 Leave marshy ground N. & S.
56.80 San Pedro road brs. N. of N.
59.71 Corral immediately N. of line, - the
line running along S. edge of it.
59.72 R. Mendoza's House br. S. 88 lns dist.
63.00 Leave valley brs. N. of N.
80.10 Intersect N. & S. line 9 lns. N. of cor.
to secs. 10, 11, 14 & 15, from which cor. Run
N. $89^{\circ}56'$ W. to true line bet secs. 10 & 15.
var. $14^{\circ}05'$ East
40.05 Set a post, marked $1/4$ S. 4 ft long

Township 13 S. Range 19 E.
 6th & Salt River Meridian

Pro. flattened 3 in. wide, 1 ft. in the ground,
 drive charred stake and build a
 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. No trees seen.
 Marshy places E. all, but high and
 dry ground around cor.

80.10 Cor. to secs. 9, 10, 15 and 16.
 Land rolling and 2 rate E & W.
 Soil 2nd rate in middle. Fine
 Grass, Mesquite and Cottonwood trees.

North between secs. 9 & 10.
 var. $14^{\circ}05'$ East

- 24.00 Enter valley br. N.W. & S.E.
 36.23 Acquia br. N.W. and S.E.
 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

Township 13 S. Range 19 E
 6th & Salt River Meridian

- The mound of earth 2 ft high, with pits
 1 ft deep, 2 ft long, 1 ft wide, as
 per instructions for 4 sec. cor. Notes near.
- 45.09 Castillo's House cor. E., 20.90 Acs. dist.
- 47.00 San Pedro river, 39 lns. wide, flows N. W.
- 52.80 Acquia cor. N. W. & S. E. and entire cul-
 tivated ground.
- 61.20 Acquia cor. N. W. & S. E.
- 66.80 Leave cultivated ground cor. NW & SE
- 72.60 San Pedro road cor. N. W. & S. E.
- 74.00 Leave valley cor. N. W. & S. E.
- 8000 Set a post, marked & scratched, 4 ft long,
 3 in. sq. & 1 ft. in the ground, drive channel
 stone & build around of earth 2 ft high,
 with pits 1 ft. deep, 2 ft long, 1 ft wide, as per
 instructions for cor. to secs. 3, 4, 9 & 10, from which
 a Mesquite, 9 in dia cor. S. 81° E. 67 lns. dist
 do. 8 " " " N. 41 1/2° W. 51 " "
 No other trees near.
 Land mostly level. Soil stony. Mesquite
 and Cottonwood trees. Fine grass.

Township 13 S. Range 19 E.
 6th Salt River Meridian

No. Eastern end line bet sec. 3 & 10.
 var. $14^{\circ}05'$ East.

4000 Set temporary cor.

80.15 Intersect. N. & S. line 17 No. Sec.
 cor to Secs. 2, 3, 10 and 11. from
 which cor. Run
 $S. 89^{\circ}53' W.$

Put true line between secs. 3 & 10.

var. $14^{\circ}05'$ East

40.07 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.

80.15 Cor to Secs. 3, 4, 9 and 10.
 Sand rolling some good soil.
 Grass. Palo verde trees.

Township 13 S. Range 19 E
T₁₄ & Salt River Meridian

No. North on random line between 3 & 4
var. $14^{\circ}05'$ East

40.00 Set temporary cor.

52.75 Mungia's House br. N., 49.78 chs. dist.

80.06 Intersect N. boundary 18 lvs. N. of
cor. to secs. 3 and 4, from which cor.
I run

S. $0^{\circ}8'W$. On true line between 3 & 4
var. $14^{\circ}05'$ E.

40.06 Set a post, marked $\frac{1}{4}$ S. 4 ft. long, flat-
tined 3 in wide, 1 ft. in the ground. Drive
chained stake & build monument 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. South, 88 lvs. dist.
No other trees near.

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

Land rolling. Some good soil.
Grass. Mesquite and Palo
Verde trees.

Township 13 S. Range 19 E.
Gila & Salt River Meridian

No. Westmonte land to sec. 16 & 21.

var. $14^{\circ}05'$ East.

- 21.00 Leave cañon br. N. E and SW.
- 40.00 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 a mound of earth 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.
- 80.00 Set an igneous rock $16 \times 12 \times 8$ in, $\frac{2}{3}$ in the ground, notched S. and E. and on the W. 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. 16, 17, 20 and 21. No trees near.
- Sand rough and broken.
Soil poor. No timber.

Township 13 S. Range 19 E

Tola & Salt River Meridian

Sec. North between secs. 16 & 17
var. $14^{\circ} 05'$ East.

46.00 Set an equine stone $14 \times 13 \times 7$
in. $\frac{2}{3}$ in the ground, marked
14, 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 14 sec. cor.
No trees near.

80.00 Set a post, marked & notched, 4
ft long, 3 in. sq. driven in the ground
drive charred stake & build a
mound of earth 2 ft high, with pit
1 ft deep, 2 ft long, 1 ft wide, as
per instructions for cor. to Secs.
8, 9, 16, and 17. No trees near.
Land hilly and broken -
Soil poor. No timber.

Township 13 S. Range 19 E
 6th Salt River Meridian

Co. East on random line between 9 & 16.
 var. $14^{\circ}05'$ East

4000 Set temporary cor.

79.91 Intersect N. & S. line 12 Chs. S. of
 cor. to sec. 9, 10, 15 and 16. from
 which cor. Run
 $S. 89^{\circ}55' W.$

On true line bet sec. 9 & 16.

var. $14^{\circ}05'$ East

39.95 Set a lime stone $18 \times 12 \times 8$ in. $\frac{3}{4}$
 in the ground, marked '4, and
 on the N. build mound of stones
 2 ft. high, as per instructions
 for '4 sec. cor. No tree near.

79.91 Cor. to Sec. 8, 9, 16 and 17
 Sand rolling and broken.
 Some good soil. Grass.
 No timber.

Township 13 S. Range 19 E
 T⁴ Salt River Meridian

No. North, between secs. 8 & 9
 var. $14^{\circ}05'$ East

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

8000 Set a post, marked E notched, 14
 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 rough and broken.

Soil poor. Grass.

No timber.

Township 13 S. Range 19 E
 6th & Salt River Meridian

No. East. on random line bet sec 4 & 9
 var. $14^{\circ}05'$ East.

20.00 Enter valley br. NW. and SE.

40.00 Set temporary cor.

41.30 San Pedro river 48' wide, flows N.W.

67.11 R. Zasn's House br. S. 171' N. dist.

74.86 San Pedro road br. N. of S.

77.00 Leave valley br. N.W. and S.E.

79.88 Intersect N. & S line 14' N. S. of cor. to Secs

3, 4, 9 & 10. from which cor. I run

S. $89^{\circ}05'4''$ N, on true line bet sec 4 & 9

var. $14^{\circ}05'$ East

39.94 Set a post, marked 14 S. 4 ft. long, flattened 3

in wide, 1 ft. in the ground, drive channel
 stake & build mound at each end 1 ft. high,
 with pits 1 ft. deep, 2 ft. long, 1 ft. wide, as
 per instruction for 14 sec. cor. No trees near

79.88 Cor. to Secs. 4, 5, 8 and 9.

Land mostly level. Soil 1st Rate. Fine Grass.
 Mesquite trees.

Township 13 S. Range 19 E
T1a & Salt River Meridian

No. North random line bet. secs. 4 & 5.
var. $14^{\circ}05'$ East

19.25 Enter valley bet. N. W. & S. E.

40.00 Set temporary cor.

72.45 San Pedro river, 35 hrs. wide, flows N. of N.

79.90 Intersect N. boundary 11 hrs. N. of
cor. to Secs. 4 and 5. from which cor. True
S. $0^{\circ}5'$ N. true line bet. secs. 4 & 5.

var. $14^{\circ}05'$ East

39.90 Set a post, marked $\frac{1}{4}$ S. 4 ft. long, flattened
3 in. wide, 1 ft. in the ground, driven charred
stave and build mound of earth 2 ft. high
with pits 1 ft. deep, 2 ft. long, 1 ft. wide, a-
particulars for $\frac{1}{4}$ sec. cor. from which
a Mesquite, 12 in. dia. bet. N. $44^{\circ}W$. 99 hrs. dist.
do. 4 " " " S. $28^{\circ}E$. 114 " "

79.90 Cor. to Secs. 4, 5, 8 and 9.

Sand level. Soil pt. Rate, N. Rolling
and broken S. Grass. Mesquite trees.

Township 13 S. Range 19 E
 T14 & Salt River Meridian

Pro West on true line bet sec. 5 & 8.
 var. $14^{\circ}05'$ East.

4000 Set a granite stone $15 \times 9 \times 8$ in. $\frac{2}{3}$
 in the ground, marked T4, and
 on the W. build mound of earth
 2 ft high, with pits 1 ft deep, 2 ft
 long, 1 ft wide, as per instru-
 tions for T4 sec. cor. Notes near.
 Sand broken and precipitous
 Soil poor. Grass. No timber.
 The line farther W. is im-
 practicable and cannot be
 run.

December 10, 1879.

General Description

The unsurveyed portion of Township 13 S. Range 19 E, is wholly impracticable, being the broken and very precipitous approach to the Lincoln mountains.

The surveyed portion of the Township covers part of the San Pedro valley with abundance of water for irrigation.

The soil of the valley is very rich while that of the bordering uplands is largely good. There are cottonwood and Mesquite trees in the valley and Mesquite & Palo Verde in places elsewhere. There is fine grass in parts of the Township.

John L. Harris

U.S. Dep. Surveyor

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List of Names. BOOK 780

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 13 S. Range
19 E. of the Gila and
Salt River Meridian

Arizona

Showing the respective capacities in which they
acted.

- George McNeal Chainman.

Y. P. Ortiz Chainman,

Frank Carpenter Axeman.

Jose M. Marschal Flagman.

Final Oath of Assistants.

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

Subdivision Lines of Township 13 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. Mc Neal Chainman.

G. P. Ortiz Chainman,
Frank Carpenter Axeman.

Jose M. Mariscal Flagman.

Sworn to and subscribed before me, this *11th* day of *December*, 187*9*

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 Series of
Township 13 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-

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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, 1879

John B. Stowell
Notary Public



BOOK 780

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

The foregoing Field Notes of the survey of the
Subdivision Lines of
Township 13 South
Range 19 East.

of the Gila and Salt River Base and Meridian, Arizona
executed by John L. Hearn.
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 Marsm.
Surveyor General.