

No. 752

BOOK 752

Field Notes

OF THE SURVEY OF THE

SUBDIVISION LINES

-OF-

Township 10 S. Range 18 E.

Gila and Salt River Base and Meridian

ARIZONA.

No. 752

By John L. Harris D. S.

under contract dated Aug. 19. 1879.

Survey commenced Nov. 12th 1879.

Survey completed Nov. 17th 1879.

J. L. H.

a. b.

752

1B

752

BOOK

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 per-
form the duties of *Assessor and*
Plagman 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*, 187*9*

John L. Harris

U. S. Dep. Survey

Township 10 S. Range 18 E

Tila & Salt River Meridian

November 12. 1879.

7000. Go to the standard cor. to Secs 35 and 36, on the S. boundary of the Township. I find that cor. standing as originally established, - a granite stone and notched E. side, and on the N. a mound of stones; and from this cor. I run

North, between Secs. 35 & 36.

var. $14^{\circ} 17'$ East

As per East Boundary

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 4 sec. cor. No trees near.

8000. Set a post, marked E 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. 25, 26, 35 & 36. No trees near. Land rolling & broken. Soil poor. Grass. No timber.

Township 10 S. Range 18 E
 Old Salt River Meridian

Sec. East corner line bet secs. 25 & 36

var. $114^{\circ}17'$ East

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

80.10 Intersect E. boundary 42 lvs.

S. of cor. to secs. 25 & 36, from
 which cor. June

$S. 89^{\circ}42' N.$

Actual line bet secs. 25 & 36

var. $114^{\circ}17'$ East

40.05 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.

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

Land rolling, Soil poor.

Grass. No timber.

Township 10 S. Range 18 E
 7th & Salt River Meridian

Co. North between secs. 25 & 26.

var. $14^{\circ} 17'$ 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 in-
 structions for $\frac{1}{4}$ sec. cor. from which
 a Palo Verde, 4 in dia. br. N. $87\frac{1}{2}^{\circ}$ E. 29 land det.
 No other trees near.

8000 Set a post, marked E 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. 23, 24, 25
 and 26. No trees near.
 Land broken. Soil poor.
 A few Palo Verde trees.

Township 10 S. Range 18 E
 Tla & Salt River Meridian

Res. East, random line bet. sec. 24 & 25.
 var. $14^{\circ}17'$ East

40.06 Set temporary $\frac{1}{4}$ sec. cor.
 80.06 Intersect E. boundary 33
 Res. S. of cor. to Secs. 24 and
 25, from which cor. Drive
 $189^{\circ}46''$ N.

But true line bet. secs. 24 & 25
 var. $14^{\circ}17'$ East

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

80.06 Cor. to Secs. 23, 24, 25 and
 26.
 Land broken. Soil poor -
 Grass. No timber.

Township 10 S. Range 18 E
 6th & Salt River Meridian

Obs. In less than half a mile N. of cor.
 to sec. 23. 24. 25 and 26, the
 line intersects impassable canon
 and the country to the N. is
 impracticable and unsur-
 veyable.

Going to the standard cor. to Sec.
 34 & 35. I find that cor. standing
 as originally established, —
 a granite stone notched E. side and
 on the N. a mound of stones.

And I run thence

North between sec. 34 & 35.
 var. $14^{\circ} 17'$ East

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 in-
 structions for 14 sec. cor.

No trees near.

Township 10 S. Range 18 E

W. Salt River Meridian

Pr. Continued

8000 Set a post, marked and notched,
4 ft long, 3 in sq. d. 1 ft in the
ground, and build around
of stones 2 ft high, as per in-
structions for cor. to secs. 26,
27, 34 and 35. No trees near.
Land broken. Soil poor. Grass
No timber.

Eastern random line bet sec. 26 & 35
var. $14^{\circ} 17'$ East.

4000 Set temporary cor.

79.88 Intersect N. and S. line 12 lns.
N. of cor. to sec. 25, 26, 35
and 36, from which cor. In line
N. $89^{\circ} 55'$ W.

Put true line bet sec. 26 & 35.

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

39.94 Set a post, marked "45", 4 ft.

Township 10 S. Range 18 E
Gila & Salt River Meridian

As. 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.

74.88 Cor to Sec. 26. 27. 34 & 35.
Sand broken and rough.
Soil poor. No timber.

North between secs. 26 & 27
var. 14° 17' 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.

8000 Set a post marked and

Township 10 S. Range 18 E.
 T14 Salt River Meridian

Ths. 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. 22,
 23, 26, and 27. No trees near.
 Land barren and rough.
 Soil poor. No timber.

East on random line bet. secs. 23 and 26.
 var. $14^{\circ}17'$ East

4000 Set temporary cor.

79.82 Intersect N. + S. line 7 lks. N.
 of cor. to secs. 23, 24, 25 and
 26, from which cor. I run
 N. $89^{\circ}57'$ W.

But true line bet. secs. 23 & 26.

var. $14^{\circ}17'$ East

39.91 Set post, marked 14 S. 4 ft.
 long, flattened 3 in wide. 1 ft.

Township 10 S. Range 18 E
 6th & Salt River Meridian

79.82 In the ground, and build mound
 of stones 2 ft high, as per in-
 structions for $\frac{1}{4}$ sec. cor.
 No trees near.

79.82 Cor. to secs. 22, 23, 26, & 27.
 Sand broken. Soil poor.
 Some Palo Verde trees.

November 12, 1879.

North between secs. 22 & 23,

var. $14^{\circ} 17'$ East

18.00 Enter canon br. N. of ell.

38.50 Leave same br. N. of ell.

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

80.00 Set a post, marked E notched,

Township 10 S. Range 18 E
 T14 & Salt River Meridian

Sec. 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 sec.
 14, 15, 22 and 23. No trees near.
 Land broken. Soil poor.
 Mesquite & Palo verde trees.

East on true line bet sec. 14 & 23

var. 14° 17' East

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.

In a short distance E, the line
 becomes impracticable. I cannot
 run further on this course.
 Land broken. Soil poor. Palo Verde trees.

Township 10 S. Range 18 E

W. of Salt River Meridian

As North between secs. 14 & 15
var. 14° 14' East

4000 Setapost, 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 Setapost, marked and notched,
4 ft long, 3 in. sq. d. 4 ft. in the
ground, and build mound of
stones 2 ft high, as per in-
structions for cor. to secs.
10, 11, 14 and 15.

No trees near.

Land broken. Soil poor.

No timber.

Township 10 S. Range 18 E
 Tla & Salt River Meridian

Sec. East on true line bet sec. 11 & 14
 var. $140^{\circ}17'$ East

4000 Set a post, marked T & S
 4 ft long, flattened 3 in.
 wide. 4 ft in the ground,
 and build around a stone
 2 ft high, as per instruc-
 tions for T & S sec. cor.

No trees near.

Sand very rough and brown.
 Soil poor. No timber.

I cannot run any
 further on this line on ac-
 count of impracticable
 ground.

Township 10 S. Range 18 E
 1/4 Salt River Meridian

Sec. North, between secs. 10 & 11
 var. $14^{\circ} 17'$ East.

4000 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 instructions
 for 74 sec. cor.

No trees near.

Sand very rough, broken
 and precipitous. Soil poor.
 No timber.

I cannot run
 any further N. The land
 is wholly worthless and
 the ground unpracticable.

Township 10 S. Range 18 E
 Tla & Salt River Meridian

Co. North between secs. 33 & 34
 var. 14° 17' East.
 (Found the standard cor. to secs. 33 & 34
 as originally established, - a post, with
 mound of earth and pits and two Mes-
 quite bearing trees, on N. 51° W. 185 lbs. dist.,
 another N. 9 1/4° E. 180 lbs. dist.)
 In San Pedro valley 6m. N. of N.

4000 Set a post, marked 4 S. 4 ft long, flattened 3 in. wide,
 1/2 in. in the ground, drive channel stake & 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.

8000 Set a post, marked & notched, 4 ft long, 3 in. sq. in.
 1/2 in. in the ground, drive channel 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 Sec.
 27. 28. 33 & 34. No trees near.

Land level. Soil 1st rate. Some mesquite
 & Cottonwood trees. Fine grass.

Township 10 S. Range 18 E
T14 E Salt River Meridian

Ps. *Elsteraundoulini* bet sec. 27 & 34
var. 14° 14' East

- 1.50 San Pedro river, 50 lbs. wide, flows N. & N. of N.
18.88 San Pedro road, br. N. of N.
26.00 Lease valley, ascend brown hills, br. N. N. & S. E.
4000 Set temporary 1/4 sec. cor.

80.04 Intersect N. & line 10 lbs. S. of cor. to
secs. 26, 27, 34 & 35. from which cor. drawn
S. 89° 56' N. to true line bet sec. 27 & 34.
var. 14° 14' East

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

80.04 Cor. to Secs. 27, 28, 33 & 34.
Sand level. Soil 1st Rate. Then
broken and poor. Pine Grass.
Some Cottonwood, Mesquite & Palo
Verde trees.

Township 10 S. Range 18 E
 T14 E Salt River Meridian

Co. North between sec. 27 & 28.
 var. $14^{\circ} 17'$ East

- 8.20 San Pedro river, 50 lbs. wide, flows N. W.
- 9.10 San Pedro river, again, 50 lbs. wide, flows N. E.
- 11.03 San Pedro river, again, 48 lbs. wide, flows N. W.
- 40.00 Set a post, marked 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 4 sec. cor.
 No trees near.
- 63.00 San Pedro river, 51 lbs. wide, flows N. E.
- 72.93 Shell's House br. E. 18. 42 lbs. distant.
 A small canal immediately N. W. of the House.
- 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.
 21. 22. 27 and 28. from which
 a Mesquite 12 in. dia. br. S. 80 W. 200 lbs. dist.
 No other trees near.
- Land level. Soil 1st Rate. Fine Grass.
 Mesquite & Cottonwood trees.

Township 10 S. Range 18 E
 1/4th Salt River Meridian

Ch. East or random line bet sec. 22 & 27
 var. $14^{\circ} 17' E$.

7.50 San Pedro river, 60 lbs wide flow N. of N.

19.49 San Pedro road br. N. N. E S. E

23.00 Leave valley br. N. of N. and ascend broken bluff.

40.00 Set temporary 1/4 sec. cor.

79.90 Intersect N. S. line 14 lbs N. of cor.
 to sec. 22. 23. 26 & 27. from which cor. run
 N. 89° 54' W.

Actual line bet sec. 22 & 27

var. $14^{\circ} 17' East$

39.95 Set 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 1/4 sec. cor. No tree near

79.90 Cor. to sec. 21. 22. 27 & 28.

Land level. Soil 1st Rate. Then
 broken floor. Fine Grass. A few
 Mesquite trees.

Township 10 S. Range 18 E
 W. & Salt River Meridian

- Rs. North between sec. 21 & 22,
 var. 124° 17' East.
- 10.30 San Pedro river, 70 lbs. wide, flows N. W.
- 32.47 San Pedro road br. N. of N.
- 40.00 Set a post marked $\frac{1}{4}$ S. of long, flattened
 3 in wide, 1 ft. at the ground level charred
 stake & 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.
- 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 sec.
 15, 16, 21 & 22, from which
 a Mesquite, 10 in. dia. br. S. 59° E. 74 lbs. dist.
 No other trees near.
- Land level. Soil mostly 1st Rate.
 Cottonwood & Mesquite trees.
 Fine Grass.

Township 10 S. Range 18 E
 N. & S. Salt River Meridian

Rs. East on random line bet. sec. 15 & 22,
 var. $14^{\circ} 17'$ East.

20.00 Leave valley, ascend broken hills
 bear N. W. and S. E.

40.00 Set temporary cor.

79.86 Intersect N. and S. line 12 cas. N.
 of cor. to sec. 14, 15, 22 & 23. from
 which cor. I run
 $N. 89^{\circ} 55' W.$

On true line bet. sec. 15 & 22

var. $14^{\circ} 17'$ East

39.93 Set a post, marked $\frac{1}{4}$ S. $\frac{1}{4}$ ft. long
 flattened 3 in wide. 1 ft in the ground
 and built around a stone 2 ft high
 as per instructions for $\frac{1}{4}$ sec. cor.
 No trees near.

79.86 Cor to sec. 15, 16, 21 and 22,
 Land Level. Soil Good. Then
 broken + Poor. Mesquite trees.
 November 13, 1879.

Township 10 S. Range 18 E
 T1a & Salt River Meridian

Co. North between secs. 15 & 16
 var. $14^{\circ}17'$ East

4000 Set a post, marked $7/8$ ft. long, flat
 topped 3 in wide, 1 ft in the ground, drive
 charred stake & build mound of earth
 $2\frac{1}{2}$ ft high, with pits 1 ft deep, $2\frac{1}{2}$ ft long,
 1 ft wide, as per instructions for $7/8$
 sec. cor. from which

A Mesquite, 8 in dia. br. S. 45° W. 36 lbs. dia.
 No other trees near.

5000 Leave valley br. N. W. & S. E.

8000 Set a post, marked & notched, 4 ft
 long, 3 in wide, 1 ft in the ground, and
 build mound of stones $2\frac{1}{2}$ ft high, as
 per instructions for cor. to secs. 9,
 10, 15 and 16. from which

A Mesquite 10 in dia. br. N. 17° W. 67 lbs. dia.
 No other trees near.

Land level. Soil good. Then broken
 and poor. Mesquite trees.

Township 10 S Range 18 E
 4th Salt River Meridian

Ch. East on random line bet sees. 10 & 15
 var. $14^{\circ}17'$ East

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

80.09 Intersect N. S. line 22 hrs. N.
 of cor. to sees. 10, 11, 14 and 15,
 from which cor. Duce
 $N. 89^{\circ}51' W.$

On true line bet sees. 10 & 15.

var. $14^{\circ}17'$ East

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 instruc-
 tions for $\frac{1}{4}$ sec. cor. No trees near.

80.09 Cor. to sees. 9, 10, 15 & 16.

Land broken and rough.

Soil poor. Grass.

Scattering Palo Verde.

Township 10 S. Range 18 E
 W. & Salt River Meridian

Chs. North, between Secs. 9 & 10.

Var. 144° in East

- 2500 Dry creek, with some cottonwoods
 on it and a little water in places,
 20 lbs. wide, br. N. W.
- 4000 Set a post, marked 14 S. 4 ft long,
 flattened 3 in wide, 1 ft. in the
 ground, and build mound of stone
 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 stone 2 ft.
 high, as per instructions for cor. to
 Secs. 3, 4, 9 and 10.
 No trees near.

Land broken. Soil poor.

Grass. Some Mesquite and
 Palo Verde.

Township 10 S. Range 18 E
 1/4 E Salt River Meridian

Sec. Tuckatula bet. sec. 3 & 10.

var. 14° 17' 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 instructions for 1st
 sec. cor. No trees near.

Land very rough & broken.
 Soil poor. No timber.

I cannot run fur-
 ther E. The ground is
 impracticable and the
 land worthless and un-
 surveyable.

Township 10 S Range 18 E
 N. 1/4 Salt River Meridian

Rs. North on random line bet. sec. 3 & 4.

var. 114° 17' East

4000 Set temporary 1/4 sec. cor.

79.89 Intersect N. boundary 18 lks. E.
 a/cor to sec. 3 & 4, from which
 cor. from
 S. 0° 8' E.

On true line bet. sec. 3 & 4.

var. 114° 17' East

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

79.89 Cor. to Secs. 3, 4, 9 and 10.
 Land broken. Soil poor.
 No timber.

Township 10 S. Range 18 E
 7th & Salt River Meridian

No. 1. Go to standard cor. to Sec. 32 & 33, on the S. boundary of the T^h. I find it standing as originally established, - A granite stone, notched E. & W., with mound of stones and a Palo Verde tree marked, standing N. 10° W. 36 ch. dist. And I run thence

North between sec. 32 & 33
 var. 114° 17' East

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

8000 Set a post, marked & notched, 4 ft long, 3 in. sq. 1 ft. in the ground, and build mound of stones 2 ft high, as per instructions for cor. to Secs. 28, 29, 32 and 33. No trees near.

Land broken. Soil poor. Some mesquite & Palo Verde trees.

Township 10 S Range 18 E
 N. & Salt River Meridian

Ch. East. on random line bet. secs. 28 & 33.

var. $14^{\circ}17'$ East

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

5000 Enter valley br. N. W. & S E.

79.82 Intersect N. & S. line 15' W. S.
 of cor. to secs. 27, 28, 33 & 34,
 from which cor. from
 $S. 89^{\circ}54' W.$

On true line bet. sec. 28 & 33.

var. $14^{\circ}17'$ East

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

79.82 Cor. to secs. 28, 29, 32 & 33.

Land broken then level & st. watered.
 Grass, Mesquite and
 Palo Verde trees.

Township 10 S. Range 18 E
 6th E Salt River Meridian

To North, between secs. 28 & 29.
 var. 14° 17' East

19.00 Enter cañon br. N. of E.

30.00 Leave same br. N. of E.

4000 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
 instructions for 74 sec. cor.

No trees near.

5000 Set a post, marked 20 21 28
 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. 20, 21, 28
 and 29. No trees near.

Sand brown. Soil poor.

Palo verde trees.

Township 10 S. Range 18 E
 1/4th E Salt River Meridian

Ths. East on random line between sec. 21 & 28
 var. 140° 17' East

4000 Set temporary cor.

65.00 Second into valley on N. W. & S. E.

79.88 Intersect N. & S. line 19 lbs. S. of
 cor to sec. 21. 22. 27 and 28.
 from which cor. Run
 S. 89° 52' W.

On true line between sec. 21 & 28.

var. 140° 17' East.

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

79.88 Cor to sec. 20. 21. 28 & 29.
 Land broken, poor: then level and
 stonate. Grass. Mesquite trees

Township 10 S. Range 18 E
 Pala & Salt River Meridian

No North between secs. 20 & 21.

var. $14^{\circ} 17'$ 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 pile
 1 ft deep, 2 ft long, 1 ft wide, as
 per instructions for $1/4$ sec cor.

No trees near.

8000 Set a post marked E marked,
 4 ft long, 3 in sq. 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 broken. Soil poor.
 Grass. Mesquite and
 Palo Verde trees.

Township 10 S. Range 18 E
Tla @ Salt River Meridian

Sec. East on random line bet sec. 16 & 21.
var. $14^{\circ} 17'$ East

- 11.00 Enter valley bro. N. W. and S. E.
38.80 San Pedro river 52 hrs. wide, flow
W. of N.
40.00 Set temporary cor.
57.72 San Pedro road bro. W. of N.
79.94 Intersect N. & S. line 8 hrs. S. of
cor. to sec. 15, 16, 21 and 22,
from which cor. I run
 $189^{\circ} 57'$ W. on true line bet sec. 16 & 21.
var. $14^{\circ} 17'$ East
- 39.97 Set a post, marked 148, 4 ft. long, flattened 3 in wide,
4 ft. in the ground, dew chained stake & built around
4 ft. high with pits 4 ft. deep, 2 ft. long, 1 ft.
wide, as per instructions for 14 sec. cor. from which
a Cottonwood, 23 in. dia. br. S. $60^{\circ} E. 199$
do. 25 " " N. $18^{\circ} W. 223$ hrs. dist.

79.94 Cor. to sec. 16, 17, 20 & 21.

Land mostly level. Soil 1st rate. Cottonwood & Mesquite trees.
November 14, 1879.

Township 10 Range 18 E
Tla E Salt River Meridian

Sec. North between secs. 16 & 17
var. 14° 17' East

4000 Set a post, marked 1/4 S. 4 ft. long,
flattened 3 in. wide 1 ft. in the ground,
and build mound a stone 2 ft. high
as per instructions for 1/4 sec. cor. from old
A Mesquite, 10 in. dia. br. S. 15° E. 111 Cor. dist.
do. 8 " " " S. 45° W. 79 " "

And into valley cor. N. W. E. S. E.

8000 Set a post, marked Enotated, 4 ft.
long, 3 in. sq. 1 ft. in the ground,
and charred stone & build mound
a foot 2 ft. high, with pits 1 ft.
deep, 2 ft. long, 1 ft. wide, as per in-
structions for cor. to Secs. 8, 9,
16, and 17. No trees near.
Land rolling. Soil poor.

Then level and 1st Rate.
Pine Grass. Mesquite trees.

Township 10 S. Range 18 E
Tla & Salt River Meridian

Cor. Eastward line bet. sec. 9 & 16.
Var. $14^{\circ}17'$ East.

31.00 San Pedro river, 25 hrs. wide, flows N.W.

39.82 San Pedro Road, br. N.W. & S.E.

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

60.00 Leave valley br. N.W. & S.E. and
rise on broken ridges.

79.92 Intersect N. & S. line 9 hrs. S. of
cor. to Secs. 9, 10, 15 and 16. from
which cor. from

S. 89°56' W. On true line bet. sec. 9 & 16.

var. $14^{\circ}17'$ East

39.96 Set a post, marked S. 4 ft. long, flattened

3 in wide, 1 ft. in the ground, drive a nail

stake & build mound of earth 2 ft high

with pits 1 ft. deep, 2 ft. long, 1 ft. wide, as per in-

struction for $\frac{1}{4}$ sec. cor. from which

A Mesquite 10 in dia. br. S. 21° E. 296 hrs. dist.

No other trees near.

79.92 Cor. to Secs. 9, 16, and 17.

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

Township 10 S. Range 18 E
 Tla & Salt River Meridian

As North between secs. 8 & 9.

var. 140° 17' East

- 25.70 San Pedro river, 50 lbs. wide, flows N.W.
 27.17 Road to Shell's br. S. of rd. E.W.
 28.60 Shell's House br. W. 11. 18 chs. dist
 40.00 Set a post marked 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
 pits 1 ft. deep, 2 ft long, 1 ft wide, as per in-
 structions for 1/4 sec. - cor. from which
 a willow, 12 in. dia. br. N. 80° W. 21 lbs. dist.
 do. 13 " " " N. 75° E. 46 " "
 49.37 San Pedro road, br. N. W. & S. E.
 70.00 Leave valley br. NW & S. E.
 80.00 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 cont. secs.
 4.5.8 & 9. No trees near.

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

Township 10 S. Range 18 E
Gila & Salt River Meridian

Chs. East, on random line bet. secs. 4 & 9.
var. $14^{\circ} 17'$ East

4000 Set temporary cor.

79.89 Intersect N. & S. line 4. lns. S. of
cor. to secs. 3, 4, 9 and 10. from
which cor. run
S. $89^{\circ} 58'$ W.

Outline line bet. secs. 4 & 9

var. $14^{\circ} 17'$ East

39.94 Set a post, marked $7/4$ 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 $7/4$ sec. cor.
No tree near.

79.89 Cor. to Secs. 4, 5, 8 & 9.

Land broken. Soil poor.
No timber.

Township 10 S. Range 18 E
 Tla & Salt River Meridian

Sec. North or random line bet sec. 4 & 5.

var. $14^{\circ}17'$ East

40.00 Set temporary cor.

79.96 Intersect N. boundary 15 Secs.
 E. of cor. to sec. 4 and 5.

from which cor. Run
 $S. 0^{\circ}6' E.$

On true line bet sec. 4 & 5.

var. $14^{\circ}17'$ East

39.96 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.

79.96 Cor. to sec. 4, 5, 8 & 9.
 Sand broken soil poor.
 No timber.

Township 10 S. Range 18 E
 T1a & Salt River Meridian

As going to standard cor. to sec. 31 & 32, on S. boundary of the T₁, I find that cor. standing as established originally, - a granite stone, notched E. and W., and a mound of stones on the N.

And from this cor. I run North between sec. 31 & 32.

Var. 124° 17' 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 1/4 sec. cor. No trees near.

72.00 Enter flat canon on N. of E. and S. W.

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 sec.

29, 30, 31 and 32. No trees near. Land barren. Soil poor.

Palo Verde trees.

Township 10 S. Range 18 E

Pl⁴ & Salt River Meridian

- Chs. East on random line bet. sec. 29 & 32.
 var. $14^{\circ}17'$ East
 In flat cañon bearing N. of E.
 20.00 Enter deeper depression of cañon.
 31.00 Rise out of cañon to N. of E.
 40.00 Set temporary cor.
 80.20 Intersect N. of S. line 11 Chs. N. of cor.
 to sec. 28, 29, 32 & 33. from which cor. drawn
 N. 89° 55' W. on true line bet. sec. 29 & 32.
 var. $14^{\circ}17'$ East
 40.10 Set a post, marked $\frac{1}{4}$ S. of $\frac{1}{4}$ long,
 flattened 3 in wide, 4 ft in the
 ground, and build mound of stone
 2 ft high, as per instructions for
 $\frac{1}{4}$ sec. cor. No trees near.
 80.20 Cor. to sec. 29, 30, 31 & 32.
 Sand broken. Some good dirt
 in cañon. Mesquite and
 Palo Verde trees.

Township 10 S. Range 18 E
 Gila & Salt River Meridian

Ans. The line between secs. 30 & 31, is un-
 practicable and the land worthless
 inaccessible and unsurveyable.

North between secs 29 & 30
 var. $14^{\circ}17'$ East.

5.00 Leave flat cañon cr. N. of E. & S. of.

40.00 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.

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 instruc-
 tions for cor. to secs. 19. 20. 29 & 30.

No trees near.

Land broken Soil poor.

Mesquite & Palo Verde trees.

Township 10 S. Range 18 E
 Tla & Salt River Meridian

Rs. East on random line bet sec. 20 & 29
 var. $14^{\circ}17'$ East

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

80.15 Intersect N. & S line 20 hrs. N. of cor.
 to secs. 20. 21. 28 and 29, from
 which cor. Draw
 $N. 89^{\circ}51' W.$

Outline line between secs. 20 & 29,
 var. $14^{\circ}17'$ 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. 19. 20. 29 & 30.

Sand broken. Soil poor.

No timber.

November 15, 1879.

Township 10 S. Range 18 E
 T1a & Salt River Meridian

No. The line $\frac{1}{2}$ mi. between sec. 19 & 30 is im-
 practicable, and the ground unaccess-
 ible and unsurveyable.

North between sec. 19 & 20.

var. 140 1/4 East.

4000 Set a post, marked T4 S. 4 ft. long,
 flattened 3 in wide, 6 in the ground
 and build mounds of stones 2 ft. high
 as per instructions for T4 sec. cor. No trees near.

8000 Set a post, marked E no letch, 4 ft.
 long, 3 in sq. d. 6 in the ground, and
 build mounds of stones 2 ft. high, as
 per instructions for cor. to secs. 17,
 18, 19 and 20.

No trees near.

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

Township 10 S. Range 18 E
 Pala & Salt River Meridian

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

40.00 Set temporary cor.

80.05 Intersect N. & S. line 16 hrs. N. of
 cor. to secs. 16, 17, 20 & 21. from
 which cor. I run
 $N. 89^{\circ} 53' W.$

On true line bet secs. 17 & 20.

var. $14^{\circ} 17'$ East

40.03 Set a post, marked $\frac{1}{4}$ S. 4 ft. 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 trees near.

80.05 Cor. to secs. 17, 18, 19 & 20.

Land barren. Soil poor. Grass
 Palo Verde trees.

Township 10 S. Range 18 E
Gila & Salt River Meridian

Sec. The line W. between secs. 18 & 19, is imprac-
ticable, and the land worthless, in-
accessible & unmovable.

North between secs 17 & 18.

var. 14° 17' East

4000 Set a post, marked 4 S. 4 ft long, flat-
tired 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.

5000 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
7, 8, 17 and 18.

No trees near.

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

Township 10 S. Range 18 E
 Pl. & Salt River Mercedean

Rs. East on random line bet. secs. 8 & 17.

var. $14^{\circ} 17'$ East

40.00 Set temporary cor.

65.50 Descend to valley bet. N. W. & S. E.

80.11 Intersect N. & S. line 15 hrs. S. of cor.
 to secs. 8, 9, 16, & 17, from which
 cor. drawn

S. $89^{\circ} 54'$ W.

On true line between secs. 8 & 17.

var. $14^{\circ} 17'$ East

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

80.11 Cor. to Secs. 7, 8, 17 and 18.

Land broken. Soil poor. Then
 level and good. Grass.
 Mesquite & Palo Verde trees.

Township 10 S. Range 18 E
 Gila & Salt River Meridian

Ths. The line W. between secs. 7 & 18, is imprac-
 ticable, and the land worthless, in-
 accessible and unmeasurable.

North between secs. 7 & 8.

var. $144^{\circ} 17'$ East

40.00 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.

50.00 Set a post, marked Enalated, 4 ft. long,
 3 in. sq. d. 1 ft. in the ground, drive channel
 2 in. & 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. 5, 6,
 7 and 8, from which

A Mesquite, 5 in. dia. brs. N. 82° E. 143 bladedist
 No other trees near.

Land broken. Soil poor. Grass -
 Mesquite & Palo Verde tree.

Township 10 S. Range 18 E
T^h & Salt River Meridian

- Pr. East on random line bet. secs. 5 & 8.
var. $14^{\circ} 17'$ East
- 10.00 Enter valley bet. N. W. and S. E.
- 40.00 Set temporary cor.
- 46.75 San Pedro river, 500 ft. wide, flows N. W.
- 66.25 San Pedro Road, bet. N. W. & S. E.
- 74.00 Leave valley bet. N. W. & S. E.
- 80.07 Distance to N. & S. line 10 hrs. S. of cor.
to secs. 4, 5, 8 and 9, from which cor. drawn
S. $89^{\circ} 56'$ W. On true line between 5 & 8.
var. $14^{\circ} 17'$ East
- 40.03 Set a post, marked 44 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 44 sec. cor.
No trees near.
- 80.07 Cor. to Secs. 5, 6, 7 and 8.
Land mostly level. Soil 1st Rate.
Pine Yucca Mesquite, Cottonwood and
Palo Verde trees in places.

Township 10 S. Range 18 E
 T14 Salt River Meridian

Sec. West on random line bet. secs. 6 & 7.
 var. $14^{\circ}..17^{\circ}$ East

4000 Set temporary cor.

79.62 Set at sect W. boundary 30 las. S. of
 cor. to secs. 6 & 7. This cor. I find
 standing as originally established,
 a granite stone, notched N. + S, with
 mound of stones on the S, and a Palo
 Verde tree marked, bearing S. 48° E,
 62 las. dist., - and I run thence
 S. $89^{\circ} 47'$ E. to true line bet. secs. 6 & 7.
 var. $14^{\circ} 17'$ East

39.62 Set apart, marked 14 S. + fl. 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.

79.62 Cor. to secs. 5, 6, 7 and 8.
 Land barren. Soil poor. Palo Verde tree.

Township 10 S. Range 18 E
 Tla & Salt River Meridian

Sec. North. Random line bet sec. 5 & 6

var. $14^{\circ} 17'$ East

35.00 Enter valley bet. N. W. and S. E.

40.00 Set temporary cor.

64.00 San Pedro river, 52 hrs wide, flows N. W.

79.00 Enter cultivated ground bet. N. W. & S. E.

79.94 Intersect N. boundary 10 hrs E. a few
 to sec. 5 E. from which cor. from
 S. $0^{\circ} 4'$ E. bet true line bet sec. 5 & 6.

var. $14^{\circ} 17'$ East

39.94 Set a post, marked $\frac{1}{4}$ 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. ft wide, as per instructions
 for $\frac{1}{4}$ sec. cor. from which

A Mesquite, 10 in dia. bet. S. 45° E. 60 hrs. dist.
 No other trees near.

79.94 Cor. to Secs. 5, 6, 7 and 8.

Land barren. Soil poor. Then level and
 1st Rate. Fine grass. Mesquite & Palo Verde trees.
 November 17, 1879.

Township 10 S. Range 18 E
T10 E Salt River Meridian

Ps. General Description.

The portion of Township 10 S. Range 18 E., surveyed, embraces a portion of the rich San Pedro valley with bordering grazing and upland. The valley has a deep rich soil watered by the San Pedro river. There is sufficient water for irrigation of the valley lands. There are Cottonwood, mesquite and Palo Verde trees scattered along the valley and borders. The grass in parts is very fine luxuriant and heavy on the ground.

The unsurveyed portion of the Township is hilly rough and broken. It is cut by frequent cañons with

Township 10 S. Range 18 E
Gila & Salt River Meridian

Chs. precipitous sides impracticable
of ascent or descent. The soil
is worthless and the land
waterless and inaccessible
to water. It is unsurveyable.

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 10 S. Range
18 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. Mansuel Flagman.

43

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 R. Faull
Notary Public



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

The foregoing Field Notes of the survey of the
Subdivision Lines of
Township 10 South
Range 18 East

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

John Massm.
Surveyor General.