

No. 762

Field Notes

BOOK 762

OF THE SURVEY OF THE

SUBDIVISION LINES

- OF -

Township 12 S Range 18 E

Gila and Salt River Base and Meridian

ARIZONA.

By John L. Harris D. S.

under contract dated Aug 19 1879.

Survey commenced Nov. 25 1879.

Survey completed Nov. 28 1879.



a. b.

762

BOOK 762

Township 12 South Range 18 East.

Gila and Salt River Meridian.

6	5	4	33.	3	22.	2	11.	1	
				32.		21.		10.	
7	8	9	31.	10	20.	11	9.	12	
				30.		19.		8.	
18	17	16	29.	15	18.	14	7.	13	
			37.		28.		17.	6.	
19	20	36.	21	27.	22	16.	23	5.	24
		35.		34.		26.		15.	4.
30	29		28	25.	27	14.	26	3.	25
					24.		13.		2.
31	32	33	33	34	12.	35	1.	36	

Preliminary Oaths of Assistants.

We, George McNeal
 and J. P. Portiz
 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. Portiz

Sworn to and subscribed before me, this 28
 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 Agent and
Plaquee, 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

Township 12 S. Range 18 E

Gila and Salt River Meridian

November 25, 1879.

Sta. From the cor. to secs. 35 & 36, on the S. bound-
ary of the Township, Iron
North between secs. 35 & 36.

var. $14^{\circ}12'$ East

As per E. Boundary.

4000 Set a post, marked 4 S. 4 ft. long, flat-
tened 3 in. wide, 1 ft. in the ground, drive
chained stake and build mound of earth
2 ft high, with pits 1 ft. deep, 2 ft long,
1 ft wide, as per instructions for 1st
sec. cor. No trees near.

8000 Set a post, marked E notched, 4 ft long
3 in. sq. d. 1 ft. in the ground, drive
chained 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 & 36. No trees near.

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

Township 12 S. Range 18 E
 6th Salt River Meridian

Ch. Eastward on line bet sec. 25 & 36
 var. $14^{\circ}12'$ East

4000 Set temporary cor.

80.09 Intersect E. boundary 20 lbs. N.
 of cor. to sec's. 25 and 36. from
 which cor. Run
 $N. 89^{\circ}51' W.$

On true line bet sec. 25 & 36.
 var. $14^{\circ}12'$ East.

40.05 Set a post, marked 40.4 ft. long, flattened
 3 in wide, 1 ft. in the ground, drive chisel
 stake and 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. No trees near.

80.09 Cor. to sec's. 25, 26, 35 and 36.
 Land rolling and broken. Soil
 mostly poor. Grass.
 No timber.

Township 12 S. Range 18 E
 T14^e Salt River Meridian

Line North, between secs. 25 & 26.

var. $14^{\circ}12'$ East

4000 Set a post, marked T4 S. 4 ft. long
 flattened 3 in. wide, 1 ft. in the
 ground, and build mound of stones
 2 ft. high, as per instructions for
 T4 sec. cor. No trees near.

8000 Set a post, marked Enslotted,
 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. 23, 24, 25 and 26.
 No trees near.

Land rolling hills, Soil poor.
 Grass. No timber.

Township 12 S. Range 18 E
 T14^E Salt River Meridian

Tr. East on random line bet. sec. 24 & 25,
 var. 14° 12' East

4000 Set temporary cor.

80.06 Intersect E. boundary 15 hrs. N.
 of cor to sec. 24 & 25. from
 which cor. Draw
 N. 89° 54' W.

On true line bet. sec. 24 & 25.

var. 14° 12' East

40.03 Set a post, marked 14 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 1/4 sec. cor.

No trees near.

80.06 Cor to sec. 25, 24, 25 & 26.

Land rolling & broken. Soil poor.
 Grass. No timber.

Township 12 S. Range 18 E
Gila & Salt River Meridian

Line North between secs. 23 & 24
var. $114^{\circ} 12'$ East

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

5000 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 1 ft. high, with pit 1 ft. deep, 2
ft. long, 1 ft. wide, as per instructions
for cor. to secs. 13, 14, 23 and 24.
No trees near.

Sand rolling hills. Soil mostly
poor. Grass, some Palo Verde
and Mesquite trees.

Township 12 S. Range 18 E
 1/4 Sec. Salt River Meridian

hs. East on random line bet secs. 13 & 14
 var. $14^{\circ}12'$ East.

4000 Set temporary cor.

50.00 Second into Valley br. N. W. & S. E.

60.00 Enter cultivated ground on NW & S. E.

62.10 Juan Borquez' House br. S. S. 75 ch. dist.

71.70 San Pedro river 40 hrs. wide flows N. W.

78.20 Acequia br. N. W. & S. E. and leave
 cultivated ground.

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

79.97 Intersect E. boundary 7 hrs. N. of cor to Secs

$13^{\circ}12'$ from which cor. drawn

N. 89° 5' W. batone line bet secs. 13 & 14

var. $14^{\circ}12'$ East.

39.98 Set a post marked 14 S. 4 ft. long, flattened 3 in wide
 4 ft. in the ground, and a charred stick & build mound
 of earth 4 ft. high, with pile of debris 2 ft. long, 4 ft. wide,
 as per instructions for 1/4 sec. cor. from which
 a Mesquite 10 in. dia br. S. 15° E. 26 hrs. dist.
 No other trees near.

79.97 Cor to Secs. 13, 14, 23 and 24.

Land rolling hills & poor W. Level & 1st Rate E.
 Mesquite and Cottonwood trees.

Township 12 S. Range 18 E
 1/4th Salt River Meridian

- 4000 North between sec. 13 & 14
 var. 14° 12' East
- 4000 Set a post, marked 4 S. 4 ft. long, flat-
 topped 3 in. wide, 1 ft. in the ground and
 build mound of stones 2 ft. high, as per
 instructions for 7th sec. cor. No trees near
- 44.47 Bruno Ramirez House Co. E., 17.27 ch. dist
- 60.00 Descend into valley Co. N. W. and S. E.
- 8000 Set a post, marked Engraved, 4 ft. long,
 3 in. sq. d. 1 ft. in the ground. Drive chisel
 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. 11, 12,
 13 & 14. from which
 a Mesquite, 4 in. dia. Co. S. 5th N. 26. lks. dist
 No other trees near.
 Land rolling then level. Soil 2nd then
 1st Rate. Grass. Mesquite and
 Palo Verde trees.

Township 12 S Range 18 E
 T14 E Salt River Meridian

Chs. East on random line bet secs. 12 & 13
 var. 14° 12' East

5.04 Fence br. N. and S.

10.00 San Pedro river, 50 lbs. wide, flows N.

36.00 Wheaton's House br. N., 20.39 chs. dist.

36.52 San Pedro road br. N. of N.

40.00 Set temporary cor.

43.95 Antonio Comoluran's house br. S., 25.25 chs. dist.

56.00 Leave valley br. N. & S., ascend on rolling hills.

79.90 Intersect E. boundary, 14 lbs. N. of cor. to
 secs. 12 & 13, from which cor. I run

N. 89° 54' W. on true line bet. secs. 12 & 13

var. 14° 12' East

39.95 Set a post marked 14 S. 4 ft. long, flattened 3 in wide
 1 ft. in the ground, driven chert stone & built mound
 a foot off high, with pile of chert. 2 ft. long, 1 ft.
 wide, no per instructions for 14 sec. cor. from which
 a mesquite, 10 in. dia. br. North 22 lbs. dist.
 do. 6 " " " S. 75° E. 19 " "

79.90 Cor. to sec. 11, 12, 13 and 14.

Land mostly level. Soil 1st Rate
 Fine Grass. Some heavy mesquite timber

Township 12 S. Range 18 E
 6th & Salt River Meridian

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

11.05 Fence cr. N. W.

40.00 Set a post, marked $\frac{1}{4}$ S. 4 ft. long, flat-
 tened 3 in. wide, 1 ft. in the ground, drive
 charred stake & build mound of earth 2
 ft. high, with pits 1 ft. deep, 2 ft. long, 1 ft.
 wide, as per instructions for $\frac{1}{4}$ sec. cor.

No trees near.

53.40 San Pedro river 39 ft. wide, flows N. W.

62.84 San Pedro road cr. N. W. and S. E.

70.00 Leave valley cr. N. W. & S. E. rise on rolling hills

76.00 Enter corner of valley, cr. S. W.

80.00 Set a post, marked & notched, 4 ft. long, 3 in. sq. 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. 1, 2, 11 & 12.

from which
 a Mesquite 12 in. dia. cr. N. 25° W. 68 ft. dist.

No other trees near.

Land mostly level. Soil, pt. Rader. Grass,
 Cottonwood and Mesquite timber. Nov. 25, 1879.

Township 12 S. Range 18 E
 Gila & Salt River Meridian

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

4.00 Leave corner of valley and rise on rolling
 hills br. S.W. & N.

4000 Set temporary cor.

79.88 Intersect E. boundary 10 lns. S of
 cor. to Secs. 1 & 12, from which
 cor. I run

$S 89^{\circ}56' N$. On true line bet. sec. 1 & 12.
 var. $14^{\circ}12'$ East

39.94 Set a post, marked $\frac{1}{4}$ S. of fl. long, flat-
 tined 3 in wide, 1 ft. in the ground down
 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.

79.88 Cor. to Secs. 1, 2, 11 and 12.

Land rolling, Some good soil.
 Grass, Mesquite trees

Township 12 S. Range 18 E
 6thth Salt River Meridian

Rs. North on random line bet. sec. 1 & 2.
 var. $14^{\circ}12'$ East.

1.00 Leave corner of valley crs. E. W. and descend on rolling hills.

40.00 Set temporary cor.

68.00 Descend into E. side valley crs. S. of W.

80.04 Intersect N. boundary 13 lns. E. of
 cor. to sec. 1 & 2, from which cor. run
 $S. 0^{\circ}6' E.$ on true line bet. sec. 1 & 2.
 var. $14^{\circ}12'$ East

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

80.04 Cor. to sec. 1, 2, 11 and 12.

Land mostly rolling. Some good soil.
 Grass. Mesquite trees.

Township 12 S. Range 18 E
 6th & Salt River Meridian

Ths. North, between secs. 34 & 35
 var. $140^{\circ}12'$ East

4000 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 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 & notched 4
 ft long, 3 in. sq. 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. 26,
 27, 34 and 35. No trees near.
 Land rolling. Some good soil
 Grass. No timber.

Township 12 S. Range 18 E
Tola & Salt River Meridian

Chs Euskurandouline bet. secs. 26 & 35.
var. $14^{\circ}12'$ East

4000 ft temporary cor.

79.89 Intersect N. Line 16 hrs S. of
cor. to secs 25-26-35 & 36. from
which cor. done
 $S. 89^{\circ}53'$ N.

Put in line bet. secs. 26 & 35.

var. $14^{\circ}12'$ East

39.94 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.

79.89 Cor. to secs. 26-27-34 & 35.
Sand rolling. Some good soil.
Grass. No timber.

Township 12 S. Range 18 E.
 7th & Salt River Meridian

No. North between sec. 26 & 27
 var. 14^o 12' 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
 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 instruc-
 tions for cor. to secs 22, 23
 26 and 27. No trees near.
 Land rolling. Some good soil,
 Grass. No timber.

Township 12 S. Range 18 E
 T14th Salt River Meridian

On East or random line bet. secs. 23 & 26,
 var. $14^{\circ}12'$ East

40.00 Set temporary cor.

79.85 Intersect N. & S. line 12 hrs. S. of
 cor. to secs. 23, 24, 25 and 26.
 from which cor. I run
 S. 89^o 55' W.

On true line bet. secs. 23 & 26,
 var. $14^{\circ}12'$ East.

39.92 Set a post, marked 74 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 74 sec. cor.

No trees near.

79.85 Cor. to secs. 22, 23, 26, and 27.
 Land rolling. Some good soil
 Grass. No timber.

Township 12 S. Range 18 E
 W. & Salt River Meridian

Chs. North between sec. 22 & 23

2 mi. 14° 12' East

4000 Set a post, marked 4 S. 4 ft. long,
 flattened 3 in wide, 1 ft in the ground,
 dug a charred stake and build mound
 a foot high, with pits 1 ft deep,
 2 ft long, 1 ft wide, as per instru-
 tions for 1/4 sec. cor. No trees near.

8000 Set a post, marked Enotched,
 4 ft long, 3 in sq. d. 1 ft in the
 ground, dug a charred stake
 and build mound a foot high
 with pits 1 ft deep, 2 ft
 long, 1 ft wide, as per instru-
 tions for cor. to Secs 14,
 15, 22 and 23. No trees near.
 Land rolling. Some good soil.
 Grass. No timber.

Township 12 S, Range 18 E
Tila & Salt River Meridian

Ch. East on random line bet. secs. 14 & 23
var. $14^{\circ}12'$ East

4000 Set temporary cor.

79.92 Intersect N. & Slave 13 less N. of
Cor. to Secs 13, 14, 23 and 24, from
which cor. Inm.

N. $89^{\circ}54'N$.

On true line bet. secs 14 & 23

var. $14^{\circ}12'$ East

39.96 Set a post, marked $\frac{1}{4}$ S. 4 ft. long,
flattened 3 in. wide. 4 ft. in the ground
driv. chared stake and build
mound of earth 2 ft. high, with pits
4 ft. deep, 2 ft. long, 1 ft. wide as per
instructions for $\frac{1}{4}$ sec. cor.

No trees near

79.92 Cor. to Secs 14, 15, 22 & 23.

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

Township 12 S. Range 18 E
Tila & Salt River Meridian

To North between Secs. 14 & 15

Var. $14^{\circ}12'$ 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 Enclotted,
 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 sec. 10, 11, 14 and 15.
No trees near.

Land rolling. Some good soil
Grass. No timber.

November 26, 1879

Township 12 S. Range 18 E
T14^E Salt River Meridian

To Eastern random line bet sec. 11 E 14.
var. 14° 12' East

38.00 Little ravine bro. N. E.

40.00 Set temporary cor.

43.50 Leave little ravine bro. N. E.

76.00 Enter San Pedro valley bro. N. W. E. S.

79.85 Intersect N. & S. line 10 hrs. N. of
cor. to sec. 11. 12. 13 E 14. from which on down
N. 89° 5' to N. true line bet sec. 11 E 14.
var. 14° 12' East

39.92 Set a post, marked 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 74 sec. cor. Notice near

79.85 Cor. to Secs. 10. 11. 14 E 15.

Land rolling. Some good soil.
Grass. Some mesquite trees.

Township 12 S. Range 18 E
 Tila & Salt River Meridian

No. North between secs. 10 & 11.

var. 14° 12' East.

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

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

8000 Setapost, marked E. notched, 4 ft long,
 3 in sq. d. 1 ft in the ground, drive
 charred stake and build mound of
 earth 1 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,
 from which

A Mesquite, 10 in dia. bet. N. 30° E. 12 in dia. bet.

do. 12 " " S. 50° E. 59 " "

No other trees near.

Land rolling hills and poor S.

Soil and good N. Palo Verde and
 Mesquite trees.

Township 12 S. Range 18 E
Gila & Salt River Meridian

Pro E. & S. boundary line bet. sec. 2 & 11.
var. $14^{\circ}12'$ East.

40.00 Set temporary cor.

43.83 San Pedro river, 40 hrs. wide flows N. E. & N. W.

51.22 Acequia bro. N. W.

52.78 Acequia bro. N. W.

57.14 San Pedro Road, bro. N. W. E. S. E.

58.00 Leave valley bro. N. W. E. S. E.

78.00 Enter corner of valley bro. S. W.

79.94 Intersect N. & S. line 7 hrs. N. of
cor. to sec. 1, 2, 11 & 12. from which cor. run

N. 89° 57' W. true line bet. sec. 2 & 11.

var. $14^{\circ}12'$ East

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

74.94 Cor. to sec. 2, 3, 10 & 11.

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

Township 12 S. Range 18 E
 Pila & Salt River Meridian

Sec. North on random line between 2 & 3

var. $144^{\circ}12'$ East

30.00 San Pedro river 43 ft wide flow N. W.

46.00 Set temporary cor.

65.00 Acquia br. N. W.

69.17 Road to Redfield's br. N. W.

71.92 San Pedro Road br. N. of N.

79.91 Intersect. N. boundary 11 br. N. of cor.

to sec. 2 & 3. from which cor. I run

$80^{\circ}5'$ W. on true line between 2 & 3.

var. $144^{\circ}12'$ East

79.91 Set post, marked 4 S. 4 ft long, flattened 3 in.

wide, 1 ft. in the ground, drive charred stake &

build mound of earth 2 ft high, with pits 1 ft

deep, 2 ft long, 1 ft wide, as per instructions for

14 sec. cor. from which

at Cottonwood, 30 in dia. br. West of lns. set

do. 29 " " East 43 " "

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

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

Township 12 S. Range 18 E
T14 E Salt River Meridian

No. North between secs. 33 & 34.
Var. $14^{\circ}12'$ East.

In cañon bearing E.

0.50 Leave cañon E.W. Ascend broken hills.

40.00 Set a granite stone $16 \times 12 \times 9$ in. $\frac{2}{3}$ in
the ground, marked $\frac{1}{4}$, 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 $\frac{1}{4}$ sec. cor.
No trees near.

8000 Set a post, marked Enotched, 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.
27, 28, 33 and 34. No trees near.

Land Broken Soil poor.

No timber. Grass.

Township 12 S. Range 18 E
Gila & Salt River Meridian

No. East on random line bet. secs. 27 & 34
var. $14^{\circ}12'$ East

4000 Set temporary cor.

79.87 Intersect N. S. line 8 lns. N. of
cor. to secs. 26, 27, 34 and 35,
from which cor. Run
N. $89^{\circ}57'$ W.

On true line between secs. 27 & 34.
var. $14^{\circ}12'$ East

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

79.87 Cor. to secs. 27, 28, 33 and 34.
Sand rolling hills & brown on
N. Soil poor. Grass.
No timber.

Township 12 S. Range 18 E

Gila & Salt River Meridian

hr. North between secs. 24 & 28.

var. $14^{\circ}12'$ East

4000 Set a post, marked $\frac{1}{4}$ S. of $\frac{1}{4}$ long. flattened 3 in. wide, 1 ft. in the ground, drive chanced 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 E notched, 4 ft long, 3 in. sq. 1 ft. in the ground, drive chanced 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, 24 and 28.

No trees near.

Land rolling. Some good soil
Grass. No timber.

Township 12 S. Range 18 E
Gila Salt River Meridian

No. East or random line bet. Secs. 22 & 27
var. $14^{\circ}12'$ East

4000 Set temporary cor.

79.84 Intersect N. & S. line 13 hrs N.
of cor. to Secs. 22, 23, 26 and 27
from which cor. Draw
N. $89^{\circ}54'$ W.

On true line bet. Secs. 22 & 27
var. $14^{\circ}12'$ East

39.92 Set a granite stone $12 \times 11 \times 5$ in,
 $\frac{2}{3}$ in the ground, marked $\frac{1}{4}$
and on the W. build mound of
stones 2 ft high as per instru-
tions for 1/4 sec. cor. No trees near

79.84 Cor. to Secs 21, 22, 27 & 28.

Land rolling. Some good soil
Grass. No timber.

Township 12 S. Range 18 E
Gila and Salt River Meridian

No. North between secs. 21 & 22.
var. $14^{\circ}12'$ East.

4000 Remote from stone & timber.
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 14 sec. cor.

8000 Set a post, marked & notched
4 ft long, 3 in. sq. 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 22.

Notes near.

Land rolling. Soil poor.

Grass. No timber.

Township 12 S. Range 18 E
 6th & Salt River Meridian

No. East on random line bet secs. 15 & 22

var. 14° 12' East

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

79.89 Intersect N. S. line $\frac{1}{4}$ hrs. S. of
 cor to secs 14. 15. 22 & 23. from
 which cor. Drawn
 S. 89° 57' W.

On true line bet secs. 15 & 22.

var. 14° 12' East.

39.94 Set apart marked $\frac{1}{4}$ S. 4 ft long
 flattened 3 in wide. 1 ft in the
 ground. Drive charred stove and
 build mound a peak 2 ft high,
 with pit 1 ft deep, 2 ft long, 1 ft
 wide, as per instructions for $\frac{1}{4}$
 sec. cor. Notice near.

79.89 Cor to Secs. 15. 16. 21 & 22.

Land rolling. Soil pretty good.
 Grass. No timber.

November 27. 1879.

Township 12 S. Range 18 E
 Gila & Salt River Meridian

Co. North. between sec. 15 & 16.

var. $14^{\circ}12'$ East

4000 Set a granite stone $22 \times 13 \times 10$ in.
 $\frac{3}{4}$ in the ground, marked $\frac{1}{4}$,
 and on the N. build mound of
 earth 2 ft high, with pits 1 ft deep
 2 ft long, 1 ft wide, as per instruc-
 tions for $\frac{1}{4}$ sec cor. No trees near.

8000 Set a post, marked & notched,
 4 ft long, 3 in. sq. 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 sec. 9, 10, 15 and 16.

No trees near.

Land rolling. Some good soil
 Grass. No timber.

Township 12 S. Range 18 E
 W. & Salt River Meridian

No. East on random line bet sec. 10 & 15.
 var. $14^{\circ}12'$ East.

4000 Set temporary cor.

79.96 Intersect N. of line 5 hrs. S. of cor.
 to sec. 10. 11. 14 & 15. from which
 cor. Run
 $S. 89^{\circ}58' W.$

On true line bet sec. 10 & 15.
 var. $14^{\circ}12'$ East.

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

79.96 Cor to sec. 9. 10. 15 & 16.
 Land rolling & brown soil prev.
 Grass. Palo Verde trees.

Township 12 S. Range 18 E
T14th & Salt River Meridian

Sec. North between secs. 9 & 10.

var. $14^{\circ}12'$ 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 4 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.

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. 3, 4, 9 and 10. No trees near. Land rolling & broken. Soil poor. Grass. Mesquite & Palo Verde trees.

Township 12 S. Range 18 E.
T₁₄ & Salt River Meridian

Trs. East on random line bet sec. 3 & 10
var. 14° 12' East

4000 Set temporary cor.

70.00 Descend to valley brs. N. N^o E. S. E.

79.86 Intersect N. & S. line 11 hrs. N. of
cor. to Secs. 2, 3, 10 E. 11. from
which cor. I run
N. 89° 55' W.

Put true line bet sec. 3 & 10.

var. 14° 12' East

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

79.86 Cor. to Secs. 3, 4, 9 & 10.

Land broken. Soil poor for most part.
Grass. Mesquite & Palo Verde trees.

Township 12 S. Range 18 E
 Tla^e Salt River Meridian

- Rs. North on random line bet secs. 3 & 4.
 var. $14^{\circ}12'$ East
- 40.00 Set temporary $\frac{1}{4}$ sec. cor.
- 49.00 Proceed into corner of San Pedro valley
 Co. N.E.
- 51.00 Dry stream, 15 lns. wide, Co. N.E.
- 79.89 Intersect N. boundary 8 lns. N.
 of cor. to secs. 3 & 4. from which
 cor. drawn
 S. $0^{\circ}3'N$. On true line bet secs. 3 & 4.
 var. $14^{\circ}12'$ East
- 39.89 Set post, marked $\frac{1}{4}$ S. 4 ft. long, flat-
 topped 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
- 79.89 Cor. to secs. 3, 4, 9 & 10.
 Land broken & poor S. Level & Good
 N. Mesquite & Palo Verde trees.

Township 12 S. Range 18 E
 7th & Salt River Meridian

Ch₁ From the cor. to secs. 21, 22, 27 & 28. Run
 West on true line bet secs 21 & 28
 var. $14^{\circ}12'$ East

4000 Set a post marked 4 S. 4 ft long, flat-
 tened 3 in sq d. 1 ft in the ground,
 drive chared stake & build mound
 of earth 2 ft high, with pits 1 ft deep,
 2 ft long, 1 ft wide, as per instruc-
 tions for 4 sec. cor. No trees near.

8000 Set a granite stone $17 \times 12 \times 8$ in.
 $\frac{2}{3}$ in the ground, notched S. & E.
 and on the N. build mound
 of earth 2 ft high, with pits 1 ft deep,
 2 ft long, 1 ft wide, as per instruc-
 tions for cor. to secs. 20, 21, 28,
 and 29. No trees near.

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

Township 12 S. Range 18 E
Tla & Salt River Meridian

Ch. West on true line to sec. 20 & 29.
var. $14^{\circ}12'$ East.

30.00 Ascend on broken mountains to N.S.

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 air-

Structure for $\frac{1}{4}$ sec. cor.

No trees near.

Land rolling then broken and
mountainous. Grass. No timber.

I cannot run any further N.

on this line. In a short distance

the line becomes impractical

and the land un-
surveyable.

Township 12 S. Range 18 E
 N. & Salt River Meridian

- Sec. North between secs. 20 & 21,
 var. $14^{\circ}12'$ East
- 40.00 Set a granite stone $18 \times 10 \times 9$ in.
 $\frac{3}{4}$ in the ground, marked $\frac{1}{4}$,
 and on the N. build mound
 of stones 2 ft high, as per in-
 structions for $\frac{1}{4}$ sec. cor. No trees near.
- 63.00 Recend on mountainous & broken ground.
 on N.E. and S.E. of S.
- 80.00 Set a granite stone $24 \times 14 \times 6$ in.
 $\frac{3}{4}$ in the ground, notched S. & E.,
 and on the N. build mound of stones
 2 ft high as per instructions for
 cor. to secs 16, 17, 20 and 21.
 No trees near.
 Land rolling and broken.
 Some good soil. Grass.
 No timber.

Township 12 S. Range 18 E
 Fla. & Salt River Meridian

18.00 East on random line bet. secs. 16 & 21
 var. $14^{\circ}12'$ East

18.00 Descend to lower and rolling ground
 br. N. & S.

40.00 Set temporary cor.

80.10 Intersect N. line 9 lvs. S. of
 cor. to Secs. 15, 16, 21 and 22.

from which cor. I run

S. 89.5 to W. on line bet. secs. 16 & 21
 var. $14^{\circ}12'$ East.

40.05 Set a granite stone $16 \times 12 \times 10$ in.
 $\frac{2}{3}$ in the ground, marked $\frac{1}{4}$,
 and on the W. build mound of
 stones 2 ft. high, as per custom -
 trail for $\frac{1}{4}$ sec. cor. No trees near

80.10 Cor. to Secs. 16, 17, 20 & 21.

Land broken W. Rolling E. Some
 good soil. Grass. No timber.

November 28, 1879.

General Description

The unsurveyed portion of Township 12 S. Range 18 E is wholly impracticable. N. of the range line running N. between secs. 33 & 34, a low range of broken mountains br. N. + S. shutting in close to said range line, bowing out a little only at the W. side of sec. 21.

I could not extend the lines to the N. of said range line except around sec. 21, as in a short distance they became impracticable from mountains and cañons.

The Surveyed portion of the Township embraces a portion of the San Pedro valley. The river runs through or across the N.E.

portion of the Township and contains sufficient water for the irrigation of the agricultural land. The soil is rich and deep.

The lands bordering the valley are fine grazing lands and in many places have good soil. There is some mesquite, Palo Verde and Cottonwood timber in the Township.

John L. Harris.

List of Names.

A List of the Names of Individuals employed
to assist in running, measuring, or marking the
lines and corners described in the foregoing Field
Notes of the survey of -----

Subdivision Lines of
Township 12 S. Range
18 E., of the Gila and
Salt River Meridians
Arizona

Showing the respective capacities in which they
acted.

- George McNeal Chainman.
Y. P. Ortiz Chainman,
Frank Carpenter Axeman.
Jose M. Mansuel Flagman.

Final Oath of Assistants.

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

Subdivision Luis of
Township 12 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 McNeal Chainman.

A. P. Ortiz Chainman,
Frank Carpenter Axeman.

Jose M. Mariscal Flagman.

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

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

Final Oath of Deputy Surveyor.

I, John L. Harris

U. S. Deputy Surveyor, do solemnly swear that in pursuance of a contract with John Wasson, United States Surveyor-General for Arizona, bearing

date the 19th day of August

1879. I have well, faithfully and truly, in my own proper person, and in strict conformity with the instructions furnished by the Surveyor-General, the Surveying Manual, and the laws of the United States, surveyed all those portions of

Subdivision Lines of

Township 12 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-

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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 P. Farrell

Notary Public.



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

The foregoing Field Notes of the survey of the
Subdivision Lines of
Township 12 South
Range 18 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.