

No-283

John L. Harris Deputy Surveyor.

T. 18 North R. 19 East
W & Salt River Meridian.

FIELD NOTES

OF BOOK 283

THE SUBDIVISION LINES OF

Township 18 North Range 19 East
W & Salt River Meridian.

BY

John L. Harris Deputy Surveyor.

under his Contract of April 28. 1879.

Survey Commenced July 16. 1879.

Survey Completed July 21. 1879.

No-283

Platted,

Copied for Washington,

Copied for Register, a. b.

J.L.H.

Recd Sept 30 70.

283

Table showing the difference of latitude and departure in running 80 chains at any course from 1 to 60 minutes.

Minutes.	Lks.	Minutes.	Lks.	Minutes.	Lks.
1.....	2 $\frac{1}{3}$	21.....	49	41.....	95 $\frac{2}{3}$
2.....	4 $\frac{2}{3}$	22.....	51 $\frac{1}{3}$	42.....	98
3.....	7	23.....	53 $\frac{2}{3}$	43.....	100 $\frac{1}{3}$
4.....	9 $\frac{1}{3}$	24.....	56	44.....	102 $\frac{2}{3}$
5.....	11 $\frac{2}{3}$	25.....	58 $\frac{1}{3}$	45.....	105
6.....	14	26.....	60 $\frac{2}{3}$	46.....	107 $\frac{1}{3}$
7.....	16 $\frac{1}{3}$	27.....	63	47.....	109 $\frac{2}{3}$
8.....	18 $\frac{2}{3}$	28.....	65 $\frac{1}{3}$	48.....	112
9.....	21	29.....	67 $\frac{2}{3}$	49.....	114 $\frac{1}{3}$
10.....	23 $\frac{1}{3}$	30.....	70	50.....	116 $\frac{2}{3}$
11.....	25 $\frac{2}{3}$	31.....	72 $\frac{1}{3}$	51.....	119
12.....	28	32.....	74 $\frac{2}{3}$	52.....	121 $\frac{1}{3}$
13.....	30 $\frac{1}{3}$	33.....	77	53.....	123 $\frac{2}{3}$
14.....	32 $\frac{2}{3}$	34.....	79 $\frac{1}{3}$	54.....	126
15.....	35	35.....	81 $\frac{2}{3}$	55.....	128 $\frac{1}{3}$
16.....	37 $\frac{1}{3}$	36.....	84	56.....	130 $\frac{2}{3}$
17.....	39 $\frac{2}{3}$	37.....	86 $\frac{1}{3}$	57.....	133
18.....	42	38.....	88 $\frac{2}{3}$	58.....	135 $\frac{1}{3}$
19.....	44 $\frac{1}{3}$	39.....	91	59.....	137 $\frac{2}{3}$
20.....	46 $\frac{2}{3}$	40.....	93 $\frac{1}{3}$	60.....	140

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Table for Running on Slopes.

In the following table the first column shows the angle, the second, the number of links to be added to a chain on the slopes, to make one chain. horizontal measurement.

Angle.	Cor. in links.	Angle.	Cor. in links.	Angle.	Cor. in links.	Angle.	Cor. in links.
0		0		0		0	
4	0.24	11	1.88	18	5.14	25	10.54
5	0.38	12	2.24	19	5.76	26	11.26
6	0.55	13	2.63	20	6.42	27	12.24
7	0.76	14	3.06	21	7.11	28	13.37
8	0.98	15	3.53	22	7.85	29	14.34
9	1.24	16	4.02	23	8.64	30	15.47
10	1.55	17	4.56	24	9.47	35	22.07

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John L. Harris Deputy Surveyor.
T. 18 North R. 19 East
3/4 E Salt River Meridian.

No. 283

FIELD NOTES

OF

THE SUBDIVISION LINES OF

Township *18 North* Range *19 East*
3/4 E Salt River Meridian.

BY

John L. Harris Deputy Surveyor.

under his Contract of *April 28* 1879.

Survey Commenced *July 16. 1879.*

Survey Completed *July 21. 1879.*



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Copied for Washington,

Copied for Register,

1B

Preliminary Oaths of Assistants.

We, Richard Shrope
 and G. A. Oldshue
 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.

Richard Shrope
G. A. Oldshue
~~Geo. Mc Neal~~

Sworn to and subscribed before me, this 21
 day of May, 1879



John R. Faull
 Notary Public

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

B. Palm
Geo. McNeal
Evaristo Saiz

Sworn to and subscribed before me this 31
day of May, 1879

John D. Russell
Notary Public



Chains From the corner to Sections 35, 36, 1 and 2 on the South boundary I run North, between Sections 35 and 36.

BOOK 283 Variation 142°45' East.
 As Per East Boundary.

- 13.72 Acquia Cr. S.W. & N.E.
- 31.94 Road Cr. E. all.
- 33.18 Little Caloans river 125 Cr. wide, flows N. of W. and chaini across.
- 4000 Set a post, marked 14 S. 4 ft long, flattened 3 in wide, 1 ft in the ground, drive charred stake and build mound of earth 2 ft high, with pits 1 ft deep, 2 ft long, 1 ft wide, as per instructions for 14 sec. cor. from which
 A Cottonwood 10 in dia. Cr. S. 70° E. 180 knots.
 No other 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 25, 26, 35 and 36.
 No trees near.
 Land level. Soil Good. Grass.
 Some cottonwood trees.

Township 18 North Range 19 East
 T18 N R19 E Salt River Meridian.

Chains East, on a random line between Sections 25 and 36.
 Variation $14^{\circ}45'$ East.

4000 Set temporary 1/4 sec. cor.
 49.28 Road br. S. E. & N. W.
 58.46 Acquia br. N. W.
 63.26 Road br. N. W. & S. E.
 79.10 Rise on little enoll br. N. & S.
 80.10 Intersect E. boundary 13 hrs. N. of cor.
 to secs. 25 & 36 from which cor. drawn
 N. $89^{\circ}54'$ W.
 Put true line between secs. 25 & 36.
 var. $14^{\circ}45'$ East

40.05 Set a post, marked 1/4 S. 4 ft long, flat-
 tened 3 in wide. 1 ft in the ground,
 two charred staves and build around
 of earth 2 ft high, with pits 1 ft deep,
 2 ft long, 1 ft wide, as per instruc-
 tions for 1/4 sec. cor. from which
 Cottonwood, 15 in. dia. br. N. 4° W. 134 hrs. dist.
 No. 16 " " N. 45° E. 276 " "

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

Land level. Soil 1st Rate. Some
 Cottonwood trees.

Township

18 North

Range

19 East

File & Salt River

Meridian.

Chains

North, between Sections 25 and 26.

Variation $14^{\circ} 45'$ East.

4000 Set a post, marked $7\frac{1}{2}$ 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 $7\frac{1}{2}$ sec. cor. No trees near.

41.30 Acquia br. N.E. & S.W.

~~41.40~~ 40 Mangate & Prescott road br. NW & SE.

49.94 Same acquia as above, br. N. of N and S.E.

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

Sand flat. Soil st. Rate.
No timber.

Township 18 North Range 19 East
Platte & Salt River Meridian.

Chains East, on a random line between Sections 24 and 25.
Variation 14° 45' East.

40.00 Set temporary 1/4 sec. cor.

41.19 St. Joseph Acquia Co. N. then N.W. and N. of W.

43.50 Leave low land ascend and run on broken and rolling ground Co. N.W. + S.E.

80.15 Intersect E. boundary 10 hrs. N. of cor. to secs. 24 and 25. from which cor. Run N. 89° 56' W.

On true line between secs. 24 & 25. var. 14° 45' East

40.07 Set a sandstone 21 x 15 x 3 in. 3/4 in the ground, notched 1/4, and on the W. build mound of earth 2 ft high, with pits 4 ft deep. 2 ft long. 1 ft wide, as per instructions for 1/4 sec. cor.

No trees near.

80.15 Cor to Secs 23-24-25 & 26.

Land level and broken.
Soil 1st rate and Poor.
No timber. Grass on E. end.

Township

18 North

Range

19 East

The E Salt River

Meridian.

Chains

North, between Sections 23 and 24.

Variation

14° 45'

East.

1.90 St Joseph Acquia br. E. & W. E. then N. of p. r.
 3.00 Cross point of brown mesa, br. E.
 39.00 Leave same.

4.00 Set a sandstone $20 \times 11 \times 6$ in. $\frac{3}{4}$
 in the ground, marked '4, and
 on the N. build a mound of
 earth 2 ft high, with pits 1 ft deep,
 2 ft long, 1 ft wide, as per in-
 structions for '4 sec. cor.
 No trees near.

8.00 Set a sandstone $22 \times 14 \times 3$ in.
 $\frac{3}{4}$ in the ground, marked
 S. & E. and on the N. 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.
 13, 14, 23 and 24.
 No trees near.

Land level mostly. Some
 good soil. No timber.

Township

18 North

Range

19 East

Ma⁴ Salt River

Meridian.

Chains

East, on a random line between Sections 13 and 24.

Variation $14^{\circ}45'$ East.

2000 Leave low land and run on
Rolling & broken mesa, to N. & S.
4000 Set temporary $\frac{1}{4}$ sec. cor.
80.09 Intersect E. boundary 18 lns.
N. of cor. to Secs. 13 and 24,
from which cor. Run

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

On true line between Secs. 13 & 24.
var. $14^{\circ}45'$ East

40.02 Set a sandstone $18 \times 14 \times 2 \frac{1}{2}$ in.
 $\frac{3}{4}$ in the ground, marked $\frac{1}{4}$,
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 $\frac{1}{4}$ sec. cor.
No trees near.

80.09 Cor. to Secs. 13, 14, 23 & 24.

Land uneven. Some good soil
No timber.

Chains

North, between Sections 13 and 14.

Variation $14^{\circ} 45'$ East.

5.00 Ascend on barren and broken mesa and rolling ground, to S.E. cor. Horseshoe conglomerate rock $18 \times 12 \times 6$ in. $\frac{3}{4}$ in the ground, marked $\frac{3}{4}$, and on the N. build mound of earth 2 ft high, with pits 1 ft deep, 2 ft long, 1 ft wide, as per instructions for $\frac{3}{4}$ sec cor. No trees near.

8.00 Rimstone 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, and in center of pit S. E. of cor. Drive a stake marked and notched, 2 ft long, 2 in. sq. d. 1 ft in the ground, as per instructions for cor. to Secs 11, 12, 13 and 14.

Land mostly brown & rolling, soil worthless. Grass - No timber.

Township

18 North

Range

19 East

Kla & Salt River

Meridian.

Chains

East, on a random line between Sections 12 and 13.

Variation

~~14 7/8~~

East.

The land in secs. 12 & 13 is wholly worthless and un-surveyable. It is broken mesa and sandhills, inaccessible to water and non-mineral.

I do not extend the line between secs. 12 & 13.

Township 18 North Range 19 East
34th & Salt River Meridian.

Chains North, between Sections 11 and 12.

Variation 14° 45' East.

8000 Remove 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 Drive charred stake and
build mound of earth 2 ft
high, with pits 1 ft deep, 2 ft
long, 1 ft wide, and in center
of pit S. E. of cor. drive a
stake marked and notched,
2 ft long, 2 in sq. d, 1 ft in the
ground, as per instructions for
cor. to secs. 1, 2, 11 and 12.
Remove from stone & timber.

Sand rolling and broken.
Soil worthless. No timber.

Township

18 North Range 19 East
Blk E Salt River Meridian.

Chains

~~East, on a random line between Sections 1 and 12.~~

Variation

~~East~~

To the E. and N. of the cor. to Secs. 1, 2, 11 and 12, the land is utterly barren and worthless.

The greater part of it will not even produce grass.

It is inaccessible to water and non-mineral.

It should therefore be classed as unsurveyable and I do not extend subdivision lines between secs. 1 and 12 and 1 and 2.



Township

BOOK 283

Range

Meridian.

Chains

North, on a random line between Sections 1 and 2.

Variation

East.

See Page 10.

Township

18 North

Range

19 East

Tla E Salt River

Meridian.

Chains

North, between Sections 34 and 35.

Variation

14° 45'

East.

1000 Descend into lowland br. E. & W.
 18.65 Acquia br. N. of W.
 29.61 Road br. N. of W and S of E.
 4000 Set a post, marked 14 S. 4 ft.
 long, flattened 3 in wide, 1 ft. in
 the ground, drive charred stake
 and build mound of earth 2
 ft high, with pits 1 ft deep, 2 ft
 long, 1 ft wide, as per instruction
 for 14 sec. cor.
 No trees near.

8000 Set a post, marked and notched
 4 ft long, 3 in sq. 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. 26-27, 34
 and 35. No trees near.

Land level. Soil st. Rate.
 No timber.

Township

18 North

Range

19 East

Plata & Salt River

Meridian.

Chains

East, on a random line between Sections 26 and 35.

Variation $14^{\circ}45'$ East.

- 11.46 Fake channel of the Little Colorado river in N.W. & S.E. and descend into miry flat subject to overflow.
- 4000 Set temporary $\frac{1}{4}$ sec. cor.
- 48.08 Little Colorado river 125 lbs. wide flows N.W. and S.E. and chain across.
- 5000 Rise in firm ground N.W. & S.E.
- 79.89 Intersect N. & S. line 6 lbs. N. of cor. to secs. 25, 26, 35 and 36. from which cor. Diverge $N. 89^{\circ} 57' W.$
 A true line between secs. 26 & 35, var. $14^{\circ}45'$ East
- 39.94 Cor. falls in miry place. Set cor. S. $18^{\circ} W.$, 196 lbs. dist. from true point. Set a post, marked $\frac{1}{4}$ S. 4 ft. long, flattened 3 in wide, 1 ft in the ground, drive chisel stake & build a mound of earth 4 ft high, with pits 4 ft deep, 2 ft long, 1 ft wide, as per instruction for $\frac{1}{4}$ sec. cor. from which Cottonwood 5 in dia. in. East, 11 lbs dist. No other trees near.
- 79.89 Cor. to Secs. 26, 27, 34 & 35.
 Land uneven. Much good soil. Some Cottonwood trees.

Township

18 North

Range

19 East

Blk 9 Salt River

Meridian.

Chains

North, between Sections 26 and 27.

Variation 1475' East.

- 26.30 Acquia bro. E. W.
- 31.41 Little Colorado river 100 ft wide flows N. of W. and chain across 4000 Set a post, marked 14 S. 4 ft long, flattened 3 in wide, 1 ft in the ground drive charr'd 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. from which Cottonwood, 3 in. dia. bro. East 140 lbs dist No other trees near.
- 75.00 Enter cultivated ground bro E. N. of W.
- 8000 Set a post, marked & notched, 4 ft long, 3 in sq. d. 1 ft in the ground, drive charr'd stake and build a mound of earth 1 ft high, with pits 1 ft deep, 2 ft long, 1 ft wide, as per instructions for cor. to Secs. 22, 23, 26 & 27. No trees near. Land level. Soil, strata. A few Cottonwood trees.

Township

18 North

Range

19 East

Tola & Salt River

Meridian,

Chains

East, on a random line between Sections 23 and 26.

Variation

14° 45'

East.

In cultivated ground, -

40.00 Set temporary 1/4 sec. cor.

43.91 St Joseph acequia br. N. from S.E.

50.38 Wingate & Prescott road br. N. & S.

78.10 Same acequia br. S. of ell.

80.05 Intersect N. & S. line 12 brs. S. of
cor. to secs. 23, 24, 25 and 26.
from which cor. I am
S. 89° 05' 5" W.

Put true line between sec. 23 & 26.

var. 14° 45' East

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

80.05 Cor. to sec. 22, 23, 26 and

27.

Land flat. Soil, st Rate.
No timber.

Township

18 North

Range

19 East

Plata & Salt River

Meridian.

Chains

North, between Sections 22 and 23.

Variation

14° 45'

East.

Incultivated ground -

34.80 Acquia bro. E. & W.

40.00 Set a post, marked 74 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 in-
structions for 74 sec. cor. No trees near.

48.12 St. Joseph Acquia bro. N. W., and
leave cultivated ground bro. N. W. & S. E.

50.30 Wingate & Prescott road bro. N. W. & S. E.

80.00 Set a post, marked and notched
4 ft long, 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 14, 15, 22 & 23.
No trees near.

Land level Soil 1st rate.

No timber. July 16, 1879.

Township

18 North

Range

19 East

Pia and Salt River Meridian.

Chains

East, on a random line between Sections 14 and 23.

Variation $14^{\circ}45'$ East.

- 20.00 Ascend on rolling & broken ground br. N. & S.
- 40.00 Set temporary 14 sec. cor.
- 80.11 Intersect N. & S. line 22 lbs
N. a few to sec. 13. 14. 23
and pt. from which cor. Run
N. $89^{\circ}51'W$.
On true line between sec. 14 & 23
var. $14^{\circ}45'$ East
- 40.05 Set a post, marked 14 S 4 ft
long, flattened 3 in. wide, 1 ft
in the ground, drive charred
stake and build mound of
Earth 2 ft high, with pits 1 ft deep
2 ft long, 1 ft wide, as per in-
structions for 14 sec. cor.
No trees near.
- 80.11 Cor. to sec. 14. 15. 22 & 23.
Land rolling & broken Soil
poor. No timber.

Township

18 North

Range

19 East

1/4 Sec 4 Salt River

Meridian.

Chains

North, between Sections 14 and 15.

Variation

147 1/2'

East.

8.00 Ascend on rolling & broken ground
 Cr. E. W.

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

8.00 Set a post, marked E notched,
 4 ft long, 3 in sq. d. 1 ft. in the
 ground, drive charred stake
 and build mound of earth 2 ft
 high, with pits 1 ft deep, 2 ft long,
 1 ft wide, as per instructions
 for cor. to Secs. 10, 11, 14 and
 15.

No trees near.

Land broken & shilly.

Soil poor. No timber.

Township 18 North Range 19 East
Tla & Salt River Meridian.

Chains East, on a random line between Sections 11 and 14.
Variation 14° 45' East.

How Set temporary 1/4 sec. cor.

79.86 Intersect N. & S line 17 chas. S.
of cor. to secs. 11, 12, 13 and 14,
from which cor. drawn

S. 89° 53' W.

On true line between secs. 11 & 14.
var. 14° 45' East

39.93 Remote from stone & timber,
Soil charred stone and build
mounds of earth 2 ft high with
pits 1 ft deep, 2 ft long, 1 ft wide,
as per instructions for 1/4 sec. cor.

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

Land rolling & broken.

Soil poor. No timber.

Township 18 North Range 19 East
T14 S21 E21 Meridian.

Chains North, between Sections 10 and 11.

Variation 14°45' East.

30.00 Descend to lower ground to N.E. & S.W.

4000 Remove 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 1/4 sec. cor.

8000 Drive charred stake and build mound of earth 2 ft high with pits 1 ft deep, 2 ft long, 1 ft wide, and in center of pit S.E. of cor. drive a stake, marked and notched, 2 ft long 2 in. sq. d. 1 ft in the ground, as per instructions for cor. to Secs. 2, 3, 10 and 11. Remove from stone & timber

Land rolling & uneven. Soil poor. No timber.

Township

18 North

Range

19 East

W. Salt River

Meridian.

Chains

East, on a random line between Sections 2 and 11.

Variation $14^{\circ}45'$ East.

How Set temporary $1/4$ sec. cor.

79.80 Intersect N. & S. line 19 hrs. S. of
cor. to Secs. 1, 2, 11 and 12
from which cor. drawn

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

Patent line between Secs. 2 & 11.

var. $14^{\circ}45'$ East

39.90 Remote from stone & timber.
Soil charred stave and build
mounds of earth 2 ft high,
with pits 1 ft deep 2 ft long, 1 ft
wide, as per instructions for
 $1/4$ sec. cor.

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

Land uneven. Soil poor.

No timber.

Township

T8 North

Range

19 East

W 1/2 Salt River

Meridian.

Chains

~~North, on a random line between Sections 2 and 3.~~~~Variation~~~~East~~

The land of sections 2 and 3
is worthless for agriculture
and mineral.

It should be classed
as unmeasurable. I do not
run the line between sec-
2 & 3.



Township

T8 North

Range

19 East

W & Salt River

Meridian.

Chains

North, between Sections 33 and 34.

Variation

14° 45'

East.

- 38.25 Intersect the S. wall (near the S. W. cor.) of an enclosure br. E & N. offset 30 lks W. to S. W. cor. of the enclosure (which br. thence E. about 400 lks. long and N. about 360 lks. wide) and thence run N. along W. wall and at
- 40.00 Set back E. 30 lks., - passing through a gateway in W. wall; - and on the line set apart, marked 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. The inside of this enclosure is lined with rooms for dwelling, and the settlement is known as Obed.
- 40.90 From the 4 sec. cor. set back W. on the offset, 30 lks and thence N. and on this offset at Spring br. W. about 75 lks. dist; commencing at this Spring a beautiful Cienega extends about as follows: N. 100 lks., thence W. 40.00 chs., thence S. 20.00 chs., thence E. 40.00 chs., thence N. to the Spring.
- 41.80 Set back E. 30 lks. to the line on N. wall of enclosure br. E. & S.
- 80.00 Set apart, marked & isolated, 4 ft long, 3 in gth, 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 instructions for cor. to Secs 27, 28, 33 and 34. No trees near.
- Sand level. Soil 1st rate. No timber.

Township 18 North Range 19 East
1/4 E Salt River Meridian.

Chains East, on a random line between Sections 27 and 34.

Variation 14° 45' East.

6.84 Road br. N. & S.

4000 Set temporary 1/4 sec. cor.

79.97 Intersect N. & S. line 20 hrs. S. of cor
to sees. 26, 27, 34 and 35 from
which cor. Run
S. 89° 51' W.

Actual line between sees. 27 & 34
var. 14° 45' East

39.98 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 in-
struction for 1/4 sec. cor.

No trees near.

79.97 Cor to sees. 27, 28, 33 & 34.

Sand level.
Soil 1st rate.
A few cottonwoods.

Township

18 North

Range

19 East

Plat ⁴ Salt River

Meridian.

Chains

North, between Sections 27 and 28.

Variation 147° 5' East.

4000 Set a post, marked 14 S. 4 ft long, flattened 3 in wide. 1 ft in the ground, two charred staves and built 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.

52.21 Acquia Co. S.W. & N.E.

56.91 Another acquia Co. NW & SE.

80.00 Set a post, marked Enotched, 4 ft long, 3 in. sq. d. 1 ft in the ground, two charred staves and built 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 and 28. No trees near.

Land level.

Soil 1st Rate.

Some Cottonwood trees.

Township

18 North

Range

19 East

Tla & Salt River

Meridian.

Chains

East, on a random line between Sections 22 and 27.

Variation $14^{\circ}45'$ East.

- 14.54 Little Colorado river 125 lbs. wide
br. N. of W. and run along the bed of
the river.
- 20.00 Road crosses the river N. & S.
- 38.00 The river br. S. E. - the line leaving it.
- 40.00 Set temporary $1/4$ sec. cor.
- 75.00 Cultivated ground br. S. & E.
- 79.84 Intersect N. & S. line 15 lbs.
S. of cor. to secs. 22. 23. 26 and
27. from which cor. I run
S. $89^{\circ}54'N$.
Put true line between sec. 22 & 27
var. $14^{\circ}45'$ East
- 39.92 Set a post, marked $1/4$ S. 4 ft long,
flattened 3 in wide. 1 ft in the
ground. drive charred stake
and build mounds 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 tree near.
- 79.84 Cor. to secs. 21. 22. 27 & 28
Land flat. Soil Good.
Scattering Cottonwood trees.

Township

18 North

Range

19 East

Via E Salt River

Meridian.

Chains

North, between Sections 21 and 22.

Variation 14°45' East.

- 7.60 Little Colorado river, 100 lbs. wide,
flows N. W.
- 20.00 Enter cultivated ground 60. NW + S.E.
4000 Set a post, marked 1/4 S. 4 ft long, flat-
tined 3 in wide, 1 ft in the ground,
dove 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.
- 8000 Set a post, marked and notched,
4 ft long, 3 in sq. d. 1 ft in the
ground, dove 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.
No trees near.

Land level.

Soil 1st Rate.

Some Cottonwood trees.

Township 18 North Range 19 East
W 1/2 Salt River Meridian.

Chains East, on a random line between Sections 15 and 22.
Variation 14°45' East.

- In cultivated ground
- 40.00 Set temporary 1/4 sec. cor.
- 41.38 St. Joseph acquia br. N. W.
- 41.90 Wingate and Prescott road brs.
N. W. & S. E. and lease cultivated
ground brs. N. W. & S. E.
- 60.00 Ascend on broken mesa br. N. & S.
- 72.00 Descend into low ground again.
- 79.90 Intersect N. & S line 12 hrs. S.
after to secs. 14. 15. 22 & 23,
from which cor. down
S. 89° 55' W.
- On true line between secs. 15 & 22.
var. 14°45' East
- 39.95 Set a post, marked 74 S. 4 ft.
long, flattened 3 in wide, 1 ft in the
ground. drive charred stake & build
mound of earth 2 ft high, with pits
1 ft deep, 2 ft long, 1 ft wide, as per
instructions for 1/4 sec. cor.
No trees near.
- 79.90 Cor to secs. 15. 16. 21 & 22.
Land mostly level. Soil 1st rate.
No timber.

Township

18 North

Range

19 East

Plat E Salt River

Meridian,

Chains

North, between Sections 15 and 16.

Variation

14° 45'

East.

Incultivated ground

- 9.00 St Joseph acquia br. S. of W. and leave cultivated ground br. E. W.
- 10.00 Rise on higher ground br. E. W.
- 19.10 Branch to main road br. E. W.
- 20.00 W. end of the S. line of Houses at the Settlement of St. Joseph br. E. about 13.00 chs. dist. The Houses extend thence in rectangular shape, E. about 10.00 chs, thence N. about 10.00 chs, thence W. about 10.00 chs, thence S. to point of beginning: houses built in barrack style, adjoining each other, with an open square in the center; main road passing through the enclosure on the W. side.
- 20.75 Wagon & Prescott road br. E. W.
- 40.00 Set a post, marked 44 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 44 sec. cor. No trees near.
- 80.00 Set a post, marked 5 scotched, 4 ft long, 3 in sq. d. 1 ft in the ground, and build mound of stones 2 ft high, as per instructions for cor. to Secs. 9, 10, 15 & 16. No trees near. Land level 1st rate; then ascending N. and soil 2^d rate. No timber.

Township

18 North

Range

19 East

W & Salt River

Meridian.

Chains

East, on a random line between Sections 10 and 15.

Variation 14° 45' East.

1000 Reced on broken shelly ground
br. N. & S. and SE.

4000 Set temporary 7/4 sec. cor.

80.20 Intersect N. & S. line 16 br. N.
afcor to secs. 10, 11, 14 and 15.
from which cor. I run
N. 89° 53' W.

On true line between secs. 10 & 15
var. 14° 45' East

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

80.20 Cor to Secs. 9, 10, 15 & 16.

Land broken. Soil poor.

No timber.

July 17. 1879.

Township

18 North Range 19 East

1/4 E Salt River

Meridian.

Chains

North, between Sections 9 and 10.

Variation 14° 45' 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.

4800 Dry wash 100 lbs. wide to S.W.
 8000 Remote from stone & timber. Drive charred stake and build a mound of earth 2 ft high with pits 1 ft deep, 2 ft long, 1 ft wide, and in center of pit S. E. of cor. drive a stake marked and notched 2 ft long, 2 in sq. d. 1 ft in the ground, as per instructions for cor. to Secs. 3, 4, 9 and 10.
 Land uneven. Some good soil on the S., barren and worthless on the N.
 No timber.

Township 18 North Range 19 East
Tla & Salt River Meridian.

Chains East, on a random line between Sections 3 and 10.
Variation 14°45' East.

40.00 Set temporary 1/4 sec. cor.
46.00 Dry wash 100 lbs. wide br. Sec.
80.06 Intersect N. & S. line 24 lbs.
N. of cor. to secs. 2, 3, 10 and
11, from which cor. I run

N. 89° 50' W.
Random line between secs. 3 & 10.
var. 14°45' East

40.03 Set a sandstone 15 x 10 x 24 in.
2/3 in the ground, marked 1/4,
and on the W. build second
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 secs. 3, 4, 9 and 10.
Sand uneven. Soil poor.
No timber.

Township

18 North

Range

19 East

1/4 E Salt River

Meridian.

Chains

~~North, on a random line between Sections 8 and 4.~~~~Variation~~~~East~~

The land N. of the cor. to sec. 3, 4, 9 and 10 is wholly barren and worthless and inaccessible to water.

It is waste land and unsurveyable.

I do not extend the line between sec. 3 & 4.

Township

18 North Range 19 East

N¹/₂ E Salt River

Meridian.

Chains

North, between Sections 32 and 33.

Variation

14° 45'

East.

4000 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 pits 1 ft deep, 2 ft long, 1 ft wide, as per instructions for 74 sec. cor.

No trees near.

5500 Descend into bottom land on ^S E. N. W.

8000 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, and in center of pit S. E. a fec. drive a stake marked and notched, 2 ft long, 2 in. sq. d. 1 ft in the ground as per instructions for cor. to Secs.

28, 29, 32 and 33.

Land slightly rolling. Soil 2^d rate.

Then level & soil 1st rate.

Some grass on the S. No timber.

Township 18 North Range 19 East

Tla & Salt River

Meridian.

Chains

East, on a random line between Sections 28 and 33.

Variation $14^{\circ}45'$ East.4000 Set temporary $1/4$ sec. cor.79.86 Intersect N. & S line 12 chs. S.
of cor. to secs. 27, 28, 32 and 34
from which cor. Run

S. 89° 55' W.

Run true line between secs. 28 & 33

var. $14^{\circ}45'$ East39.93 Set a post, marked $1/4$ S. 4 ft long
flattened 3 in wide, 1 ft in the
ground, drive charred stake
and build mounds 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.

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

Land flat. Soil 1st rate.

No timber.

Township 18 North Range 19 East
Plat 4 Salt River Meridian.

Chains North, between Sections 28 and 29.
Variation 14° 45' East.

4000 Set a post, marked 145. 4 ft long, flat-topped 3 in wide, 1 ft in the ground, drive charred stake & build mound of earth 1 ft high, with pits 1 ft deep, 2 ft long, 1 ft wide, as per instructions for 14 sec. cor.
No trees near.

68.00 Rise on hill br. E. & W.

73.00 Top and descend on N. side

75.00 Bottom and run on level ground br. E. & W.

79.48 Road br. E. & W.

8000 Set a post, marked and notched 4 ft long, 3 in sq. 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 the cor. to secs. 20, 21, 28 and 29. No trees near.

Land mostly flat. Soil 1st Rate.
No timber.

Township

18 North

Range

19 East

N. & Salt River

Meridian.

Chains

East, on a random line between Sections 21 and 28.

Variation $14^{\circ}45'$ East.

- 2.00 Road br. N. E and S. a few.
- 34.00 Acquia br. N. & S. and enter cultivated ground br. N. & S.
- 40.00 Set temporary $1/4$ sec. cor.
- 70.00 Leave cultivated ground br. N. & S.
- 79.78 Intersect N. & S. line 19 lns. S. of cor. to sees. 21. 22. 24 and 28, from which cor. Inm $S. 89^{\circ}52' W.$
 Return line between sec. 21 & 28
 var. $14^{\circ}45'$ East
- 39.89 Set a post, marked $1/4$ S. of blong, 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 $1/4$ sec. cor. from which a Cottonwood, 18 in. dia. br. North 17 lns. dist do. 20 " " " N. $85^{\circ} E. 153.$
- 79.78 Cor. to sees. 20. 21. 28 and 29.
 Land flat. Soil 1st Rate.
 Some Cottonwood trees.

Township

18 North Range 19 East

Pl & Salt River

Meridian.

Chains

North, between Sections 20 and 21.

Variation 14° 45' East.

4000 Set a post marked 14 S. 4 ft long,
 flattened 3 in wide, 1 ft in the ground,
 drive charred stake and build mound
 of earth 1 ft high with pits 1 ft deep
 2 ft long, 1 ft wide, as per in-
 structions for 14 sec. cor.
 from which

- A Cottonwood, 9 in. dia. br. S. 26 1/2° E. 91 lbs. dist
- do. 8 " " " West. 83 " "

56.69 Little Colorado river 100 lbs. wide,
 flows N. and S. W. and chain across.

8000 Set a post, marked & notched, 4 ft
 long, 3 in sq. d. 1 ft in the ground,
 drive charred stake & 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. 16, 17, 20 & 21.
 from which

- A Cottonwood, 25 in. dia. br. S. 45° E. 119 lbs. dist
- do. 24 " " " S. 63° W. 375 " "
- do. 12 " " " N. 69° E. 279 " "

No other tree near.
 Sand mesquite. Some 1st Rate Soris.
 Scattering Cottonwood trees.

Township

18 North

Range

19 East

Platte & Salt River

Meridian.

Chains

East, on a random line between Sections 16 and 21.

Variation $14^{\circ}45'$ East.

- 32.80 Little Colorado river 100 lns. wide,
flows N. of S. & S. W. and chain across
4000 Set temporary $1/4$ sec. cor.
- 42.77 Little Colorado river 100 lns. wide, flows
N. of N. & N. W. and chain across.
- 62.10 Fence br. N. & S. and enter cultivated
ground br. N. & S.
- 71.30 St. Joseph acequia br. N. & S.
- 79.75 Intersect N. & S. line 40 lns. S.
of cor. to secs. 15, 16, 21 and 22
from which cor. I run
 $S. 89^{\circ}43' W.$
On true line between secs. 16 & 21
var. $14^{\circ}45'$ East
- 39.87 Set a post, marked $1/4$ S. 4 ft long, flat-
tened 3 in wide. Run the ground,
drive charred stake & build mound
of earth 1 ft high, with pits 1 ft deep,
4 ft long, 1 ft wide, as per instructions
for $1/4$ sec. cor. No trees near.
- 79.75 Cor. to secs. 16, 17, 20 & 21.
Sand uneven. Some strata cal.
Some Cottonwood trees.

Township 18 North Range 19 East
Tla & Salt River Meridian.

Chains North, between Sections 16 and 17.
Variation 1475' East.

38.27 Wingate & Prescott road brs. S. E. & N. W.
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 1st
sec. cor. No trees near.

79.64 Enter ^{dry} wash which bends from
N. E. to S. to S. E.

8000 Cor. falls in dry wash. At 56 lbs.
S. set a post, marked and 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. 8, 9, 16, and 17.
No trees near.

Land level & slightly ascending N.
Soil good. Grass. No timber

Township

18 North

Range

19 East

Mile E Salt River

Meridian.

Chains

East, on a random line between Sections 9 and 16.

Variation

147° 45'

East.

- 5.21 Leave ^{dry} wash br. S.
- 33.27 Branch dry wash 25 br. wide, br. S. W.
- 40.00 Set temporary 1/4 sec. cor.
- 49.00 Branch wash br. W and run out
- 51.70 Leave the dry wash coming down from the N. E.
- 79.84 Intersect N. & S. line 37 br. S. of cor. to secs. 9, 10, 15 and 16, from which cor. I run S. 89° 44' W. true line between secs. 9 & 16. var. 147° 45' East
- 39.92 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 a feather of high, with pits 1 ft deep, 2 ft long, 1 ft wide, as per instructions for 1/4 sec. cor. No tree near.
- 79.84 Cor. to secs. 8, 9, 16 and 17.
- Land uneven. Soil sandy and mostly poor. Grass. No timber.

Township 18 North Range 19 East
Platte Salt River Meridian.

Chains North, between Sections 8 and 9.

Variation 14 7/8 East.

1.20 Leave dry wash bn. S.W. & S. from E.

4000 Drive chared stake and build mound of earth 2 ft. high with pits 1 ft. deep, 2 ft. long, 1 ft. wide, as per instructions for 1/4 sec. cor.

8000 Drive chared stake and build mound of earth 2 ft. high with pits 1 ft. deep, 2 ft. long, 1 ft. wide, and in center a pit S.E. of cor. drive a stake marked and notched, 2 ft. long - 2 in sq. d. 1 ft. in the ground, as per instructions for cor. to Secs. 4, 5, 8 and 9. Remote from stone & timber.

Land ascending N.
Soil poor.
No timber.

Township 18 North Range 19 East
 N. & Salt River Meridian.

Chains East, on a random line between Sections 4 and 9.

Variation $14^{\circ}45'$ East.

32.94 Dry wash 100 lbs. wide, on N. of S.

79.88 Set temporary $\frac{1}{4}$ sec. cor.
 Intersect N. & S. line 20 lbs. S.
 of cor. to secs. 3, 4, 9 and 10.
 from which cor. is run

S. 89° 51' W.

On true line between secs. 4 & 9.
 var. $14^{\circ}45'$ East

39.94 Set a sandstone $18 \times 11 \times 6$ in.
 $\frac{3}{4}$ in the ground, marked $\frac{1}{4}$,
 and on the N. build mound
 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.

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

Land uneven and somewhat
 broken. Soil poor.
 No timber.

Township

18 North Range 19 East
W & Salt River Meridian.

Chains

~~North, on a random line between Sections 4 and 5.~~

~~Variation~~

~~East~~

Sections 4 and 5 are wholly composed of a sandy barren waste, inaccessible to water and non-mineral.

The land is not surveyable and I do not extend the subdivision line between Secs. 4 and 5.

Chains

North, between Sections 31 and 32.

Variation

14° 45'

East.

4000 Set a sandstone 18 x 12 x 3 in.
 3/4 in the ground, marked 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 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 instructions for cor to Secs
 29, 30, 31 and 32.
 No trees near.

Land slightly rolling.
 Some good soil.
 Grass.

No timber.
 July 18. 1849.

Township

18 North Range 19 East
pl. E Salt River Meridian.

Chains

East, on a random line between Sections 29 and 32.

Variation $14^{\circ}45'$ East.

4000 Set temporary $\frac{1}{4}$ sec. cor.
80.16 Intersect N. & S. line 5 lks N.
of cor. to Secs. 28, 29, 32 & 33.
from which cor. Run
N. $89^{\circ}58'W$.

But true line between Secs. 29 & 32
var. $14^{\circ}45'$ East

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

80.16 Cor. to Secs. 29, 30, 31 & 32.

Land descending E. Some
good soil. Grass.
No timber.

Township 18 North Range 19 East

Plat E Salt River

Meridian.

Chains West, on a random line between Sections 30 and 31.

Variation 14° 45' East.

4000 Set temporary 1/4 sec. cor.
79.57 Intersect N. boundary 12 chs.
S. of cor. to Secs. 30 and 31.
from which cor. I run

S. 89° 55' E.

On true line between secs. 30 & 31.

var. 14° 45' East

39.57 Run to from stone and timber.
Drive charred stake and build
mound a fourth of high, with
pit 1 ft. deep, 2 ft. long, 1 ft. wide,
as per instructions for 1/4 sec.
cor.

79.57 Cor. to Secs. 29, 30, 31 & 32.

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

Township

18 North Range 19 East

1/4 E Salt River Meridian.

Chains

North, between Sections 29 and 30.

Variation 14° 45' East.

4000 Set a sandstone 19 x 12 x 6 in.
 3/4 in the ground, marked T4,
 and on the N. 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

8000 Set a post, marked G 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 19, 20, 29 and 30.

No trees near.

Sand descending N.
 Soil good.

Grass.

No timber.

Township

18 North

Range

19 East

Plat E Salt River

Meridian.

Chains

East, on a random line between Sections 20 and 29.

Variation

14245'

East.

27.00 Descend to bottom land brs. S.E.
and N.W.

28.10 Road brs. S.E. and N.W.

4000 Set temporary 1/4 sec. cor.

80.12 Intersect N. and S line 19 Secs.
N. of cor. to Secs. 20, 21, 28 and
29, from which cor. I run

N. 89° 52' W.

On true line between Secs. 20 & 29

var. 14245' East

40.06 Set a post, marked 1/4 S. 4 ft 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 1/4 sec. cor.

No trees near.

80.12 Cor. to Secs. 19, 20, 29 & 30

Land mostly level. Soil 1st rate.
No timber.

Township 18 North Range 19 East
1st & 2nd Range Meridian.

Chains West, on a random line between Sections 19 and 30.
Variation 14° 45' East.

4000 Set temporary 1/4 sec. cor.
79.40 Intersect N. boundary 16 lns.
N. of cor. to Secs. 19 and 30
from which cor. Run

N. 89° 53' E.

On true line between Secs. 19 & 30.
var. 14° 45' East

39.40 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.

79.40 Cor. to Secs. 19, 20, 29 & 30.

Land slightly rolling.
Some good soil.
No timber.

Township

18 North Range 19 East

Plat $\frac{1}{2}$ Salt River

Meridian.

Chains

North, between Sections 19 and 20.

Variation

14° 45'

East.

- 10.00 Descend into bottom brs. E. & W.
- 28.00 Road br. N. of W. & S. of E.
- 40.00 Set a post, marked 14 S. 4 ft. long, flattened 3 in wide. 1 ft. in the ground, drive charred stake & build mound of earth 2 ft high, with pits 1 ft. deep. 2 ft long. 1 ft wide as per instructions 14 sec. cor. No trees near
- 70.00 Enter wide sandy wash of the Little Colorado river, br. E. & W.
- 78.50 Little Colorado river, 100 brs. wide flows N. of W. and chain across
- 80.00 Set a post, marked E. & watched, 4 ft long. 3 in. sq. d. 1 ft in the ground drive charred stake & build mound of earth 2 ft high, with pits 1 ft deep. 2 ft long. 1 ft wide, as per instructions for cor. to Secs 17, 18, 19 & 20. No trees near.
- Note: This cor. is not perfectly safe, nor is there any entirely safe ground near. I shall put a witness cor. on the line between Secs. 17 & 18, on some higher ground I see to the N.
- Land uneven. Some State Soil. A few Cottonwood trees.

Township

18 North
19 East
1/4 E Salt River

Meridian.

Chains

East, on a random line between Sections 17 and 20.

Variation 14° 45' East.

In wash of river, on the N. side of the stream.

8.00 Enter higher ground br. S. of E.

25.75 Little Colorado river 100 lbs. wide, flows S.W. from N.E. and chain across.

33.50 Little Colorado river, 90 lbs. wide, flows N.W. from S.E. and chain across.

40.00 Set temporary 1/4 sec. cor.

80.18 Intersect N. & S. line 22 lbs. N. of cor. to Secs. 16, 17, 20 & 21. from which cor. Run N. 89° 51' W.

On true line between secs. 17 & 20.

var. 14° 45' East

40.09 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 1 ft high, with pits 1 ft deep, 2 ft long, 1 ft wide, as per instructions for 1/4 sec. cor. from which a Cottonwood 13 in diameter East 80 lbs. dist

do. 18 " " " S. 49° N. 143 " "

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

Sandstone. Some strata soil. Scattered Cottonwood trees.

Township

18 North

Range

19 East

Pila & Salt River

Meridian.

Chains

West, on a random line between Sections 18 and 19.

Variation $14^{\circ}45'$ East.

- In wash of river on N. side of stream.
- 1.50 Little Colorado river 100 hrs. wide, flows N. of fl. and chain across
- 27.50 Little Colorado river 95 hrs. wide, flows S. W. and chain across.
- 40.00 Set temporary $1/4$ sec. cor.
- 49.00 Little Colorado river, 100 hrs. wide, flows N. W. and chain across.
- 79.25 Intersect N. boundary 18 hrs N. of cor. to Secs. 18 & 19. from which cor. runs N. $89^{\circ}52'$ E.
- Actual line between secs. 18 & 19.
var. $14^{\circ}45'$ East
- 39.25 Set a post marked $1/4$ S. of fl. 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 $1/4$ sec. cor. from which
- A Cottonwood, 3 in dia. br. N. 49° E. 130 hrs. dist
do. 3 " " S. 60° W. 80 " "
- 79.25 Cor. to secs. 17, 18, 19 and 20.
Land flat. Some strata soil.
Scattering Cottonwood trees.

Township

18 North Range 19 East

Plat $\frac{1}{2}$ Salt River Meridian.

Chains

North, between Sections 17 and 18.

Variation $14^{\circ}45'$ East.

In wash of river

10.10

River on bank bro. E. & W. and as the cor. to
secs. 17, 18, 19 & 20 is not considered by me
entirely safe. I set here a post, marked & notched,
4 ft long, 3 in sq. d. 1 ft in ground, drive charred
stave & build mound of earth 2 ft high with
pits 1 ft deep, 2 ft long, 1 ft wide, as per in-
structions for witnesses cor. to secs. 17, 18,

19 & 20. Post marked W. C. from which
a Cottonwood, 10 in. dia. bro. S. 20° E. 27 lbs. dist
do. 3 " " " S. 40° N. 73 " "

No other trees near.

and enter on higher ground bro. E. & W.

29.25

Road to river bro. E. & W.

40.00

Set a post, marked 14 S. 4 ft long, flattened
3 in wide, 1 ft in the ground, drive charred stave
and build mound of earth 2 ft high, with
pits 1 ft deep, 2 ft long, 1 ft wide, as per in-
structions for witnesses cor. from which

a Cottonwood, 15 in. dia. bro. S. 62° N. 114 lbs. dist

No other tree near.

80.00

Set a post, marked & notched, 4 ft long, 3 in.
sq. d. 1 ft in the ground, drive charred stave
and build mound of earth 2 ft high, with
pits 1 ft deep, 2 ft long, 1 ft wide, as per in-
structions for cor. to secs. 7, 8, 17 & 18. No trees near.
Sand level. Soil 1st rate. No timber.

Township

18 North

Range

19 East

Tola & Salt River

Meridian.

Chains

East, on a random line between Sections 8 and 17.

Variation

14° 45'

East.

- 7.85 Wargate & Prescott road Co. S.E. & N.W.
 40.00 Set temporary 1/4 sec. cor.
 78.00 Descend into dry wash Co. S. from N.E.
 79.98 Intersect N. & S. line 9 lks. N. of
 true point of
 Cor. to Secs. 8, 9, 16 and 17 from
 which point I run
 N. 89° 56' W.

On true line between Secs. 8 & 17.

var. 14° 45' East

- 39.99 Set a post, marked 1/4 S. 4 ft long,
 flattened 3 in wide, 1 ft in the ground
 drive charr'd stake and build a
 mound beneath it high with pits
 1 ft deep, 2 ft long, 1 ft wide, as per
 instructions for 1/4 sec cor.
 No trees near.
- 79.98 Cor. to Secs. 4, 8, 17 & 18.

Land level. Soil good.
 Grass. No timber.

BOOK 283
Township 18 North Range 19 East
6th & Salt River Meridian.

Chains West on a random line between Sections 7 and 18.
Variation 14°45' East.

4000 Set temporary 1/4 sec. cor.

78.90 Intersect N. boundary of Sec. 7
of cor. to Secs. 7 and 18. from
which cor. I run
S. 89° 50' E.

On true line between Secs. 7 & 18,
var. 14°45' East

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

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

Land level. Soil Good.
Grass. No timber.

Township

18 North

Range

19 East

W. & Salt River

Meridian.

Chains

North, between Sections 7 and 8.

Variation

14°45'

East.

4000 Waugate Prescott road br. NW & SE
 4000 Set a post, marked 14 S. 4, 1 ft long,
 flattened 3 in wide, 1 ft in the
 ground, two charred staves &
 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 and notched
 4 ft long, 3 in sq. 1 ft in the
 ground, two charred staves
 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. 5, 6, 7
 and 8.

No trees near.

Land slightly rolling.

Soil mostly poor.

Pass on the S. end.

No timber.

July 19, 1849.

Township 18 North Range 19 East
Old & Salt River Meridian.

Chains East, on a random line between Sections 5 and 8.
Variation $14^{\circ}45'$ East.

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

79.85 Intersect N. & S. line 12 chs. S.
of cor to secs. 4, 5, 8 and 9.
from which cor. Draw
 $S. 89^{\circ}55' W.$

On true line between sec. 5 & 8.
var. $14^{\circ}45'$ East

39.92 Set an igneous rock $19 \times 12 \times 3$ in.
 $\frac{3}{4}$ in the ground, marked $\frac{1}{4}$,
and on the N. 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.

79.85 Cor to Secs. 5, 6, 7 & 8.

Land uneven;
Soil poor.
No timber.

Township

18 North

Range

19 East

Plat $\frac{1}{4}$ Salt River

Meridian.

Chains

West, on a random line between Sections 6 and 7.

Variation

 $14^{\circ}45'$ East.4000 Set temporary $\frac{1}{4}$ sec. cor.78.75 Intersect N. boundary 20 lns
N. of cor to sec. 6 & 7, from
which cor. DrawN. $89^{\circ}51' E.$

On true line between sec. 6 & 7

var. $14^{\circ}45'$ East78.75 Set a post, marked $\frac{1}{4}$ S. 4 ft.
long, flattened 3 in. wide, 1 ft.
in the ground, drive charred
stakes & 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.

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

Land uneven & some broken.

Soil poor.

No timber.

July 21, 1879.

Township

18 North

Range

19 E

1/4 Sec 5 Salt River

Meridian.

Chains

North, on a random line between Sections 5 and 6.

~~Variation~~

~~East~~

There is no surveyable land
 N. of the cor. to Secs. 5, 6, 7 and
 8. The soil is utterly worthless
 and the land non-mineral.
 It is inaccessible to water.

I cannot extend the line
 between Secs. 5 and 6, therefore.



GENERAL DESCRIPTION.

Township 18 N. Range 19 E., contains some of the best agricultural land to be found on the Little Colorado river.

There are two settlements in the Township, - one at Obed on the S. side of the river, and St Joseph, on the N. side of the river. St Joseph is a settlement of from 125 to 150 people, exclusively engaged in agriculture. What they have accomplished has been done in less than a year. They have an acquia 9 miles long, and which will yet irrigate an extensive area of land.

Obed, on the S. side of the river is in the best land in the township but it is unhealthy and there are but few people there. In course of time they will drain the water from the land and it will then become a thriving settlement.

The extreme N. & N.E. portions of the township are worthless and I did not feel authorized under

present instructions to extend
subdivision lines thereon.

With the exception of scattering
cottonwood trees along the river
there is no timber in the township.

I found no evidence of
mineral in the township.

Geo. L. Harris
U. S. Dep. Surveyor.

BOOK 283 65
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 18 North
Range 19 East, of the
Gila and Salt River
Meridian Arizona

Showing the respective capacities in which they acted.

Richard Hoops Chainman.

G. A. Oldshaw Chainman,

Geo. McNeal Axeman.

B. Palm
Evaristo Saenz Flagman.

Final Oath of Assistants.

We hereby certify that we assisted

James U. S. Deputy Surveyor, in

surveying

*The Subdivision
Lines of Township 18
N Range 19 E of the
4th & 5th Ranges We-
stern Oregon*

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.

Richard Shepard Chainman.

G. A. Ochsner Chainman,

Geo. McNeal Axeman.

B. Palmer Axeman
Flagman.

Evaresto Sainz Flagman

Sworn to and subscribed before me, this *19th*

day of *September*, 187*9*

Jos. 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, bear-
 ing date the 28th day of April

1870. I have well, faithfully and truly, in my
 own proper person, and in strict conformity with
 the instructions furnished by the Surveyor-Gener-
 al, the Surveying Manual, and the laws of the
 United States, surveyed all those portions of

The Subdivision Lines
of Township 18 N
Range 19 E of the
1st & 2nd Salt River
Mendocino Arizona

as are repre-
 sented 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 perpet-
 uated in strict accordance with the Surveying
 Manual and printed instructions, and also in ac-
 cordance with the additional requirements con-

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.

I. L. Harris

BOOK 283

Deputy Surveyor.

Sworn to and subscribed before me, this 25th day of September, 1879

John R. Farrell
Notary Public



U. S. Surveyor General's Office,
Meson, Arizona,
~~San Francisco, Cal.~~

November 5, 1879

The foregoing Field Notes of the surveys of
the Subdivision Lines of
Township 18 North
Range 9 East.

Gila and Salt River Meridian
~~Survey of Arizona~~
in the State of California executed by

John L. Harris

U. S. Deputy Surveyor, under his contract dated

April 28, 1879.

having been critically examined, the necessary cor-
rections and explanations made, the said Field Notes
and the surveys they describe are hereby approved.

John Masson.

U. S. Surveyor General for California.

Arizona.