

No-321

BOOK 321

John L. Harris Deputy Surveyor.
T. 19 North R. 16 East
Main Salt River Meridian.

321

FIELD NOTES

OF BOOK 321

THE SUBDIVISION LINES OF

Township 19 North Range 16 East
Main Salt River Meridian.

BY

John L. Harris Deputy Surveyor.

under his Contract of April 28 1879

Survey Commenced August 4 1879

Survey Completed August 8 1879

No-321

Platted,
Copied for Washington, J. H. S.
Copied for Register, d. b.

Recd Oct 5 79

To 13
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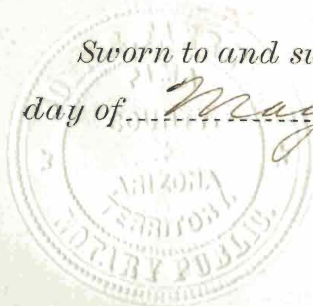
Preliminary Oaths of Assistants.

We, Richard Shreve
and Geo. McKeal
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 Shreve
Geo McKeal

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

John R. Faull,
Notary Public

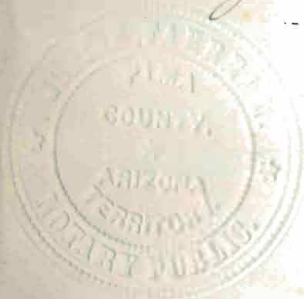


We, *B. Palm, J. C. Lindsay*
and Ernesto Saenz
do solemnly swear that we will well and truly per-
form the duties of *Assemen and*
Flagman respectively
according to instructions given us, and to the best
of our skill and ability.

B Palm
J. C. Lindsay
Ernesto Saenz

Sworn to and subscribed before me this *3rd*
day of *May* 1879

John R. Farrell,
Notary Public



Chains

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

Variation

14° 47'

East.

As per East Boundary.

4000 Set a post, marked 44 S. 4 ft. long, flat-
tened 3 in. wide, 1 ft. in the ground, two
charred stakes and built mound of
earth 4 ft. high, with pits 1 ft. deep,
2 ft. long, 1 ft. wide, as per in-
structions for 44 sec., cor. from which
a Cottonwood, 15 in. dia. br., N. 30° E. 386 br. dist.
No other tree near.

58.64 Cottonwood creek, dry, 150 br. wide, br. ft.
8000 Set a post, marked and notched, 4 ft.
long, 3 in. sq. d., 1 ft. in the ground,
two charred stakes and built mound
of earth 4 ft. high, with pits 1 ft. deep,
2 ft. long, 1 ft. wide, as per in-
structions for cor. to Secs. 25, 26, 35
and 36.

No trees near.

Sand level. Soil, 1st rate.

A few Cottonwood trees.

August 4, 1849.

Township 19 North Range 16 East
1/4 E Salt River Meridian.

Chains East, on a random line between Sections 25 and 36.
Variation 14° 24' East.

- 4000 Set temporary 1/4 sec. cor.
- 79.00 Cottonwood creek 80 lvs. wide, 60.
W. and S. W. dry.
- 80.04 Intersect E. boundary 6 lvs. S. of
cor. to secs. 25 and 36. from
which cor. Down

S. 89° 03' W.
On true line between sec. 25 & 36.
var. 14° 24' East

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

- 80.04 Cor. to secs. 25, 26, 35 and 36.
Sand level. Soil 1st Rate -
Some Cottonwood trees.

Chains

North, between Sections 25 and 26.

Variation

14 2/3'

East.

- 2.00 Leave low land br. N.E. x S.W. and run on higher and rolling ground
- 4000 Set a sandstone 19 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 4 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 4 ft deep. 2 ft long 1 ft wide, as per instructions for cor to sec. 23. 24. 25 and 26.
- No trees near.
Land mostly rolling
Soil 2^o rate. No timber.

Township 19 North Range 16 East
1st Salt River Meridian.

Chains East, on a random line between Sections 24 and 25.

Variation 14027' East.

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

79.88 Intersect E. boundary 25 Sec.
 S. of cor. to Secs. 24 and 25
 from which cor. drawn

S. 89° 49' W.

Run true line between sec. 24 & 25
 var. 14027' East

39.94 Set a post, marked 745. 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
 $\frac{1}{4}$ sec. cor.

No trees near.

79.88 Cor to Secs. 23, 24, 25 & 26.

Land rolling sand hills.
 Soil worthless. No timber.

Township 19 North Range 16 East
Pila & Salt River Meridian.

Chains North, between Sections 23 and 24.
Variation 14 2/4 East.

7000 Remate 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 Set a post, marked and
notched, 4 ft long, 3 in. sq. ft.
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. 13, 14, 23 and
24.

No trees near.

Sand rolling sand hills
soil worthless.

No timber.

Township 19 North Range 16 East
W 1/2 Salt River Meridian.

Chains East, on a random line between Sections 13 and 21.
Variation 147 1/2' East.

The land of secs. 13 and 21 is a barren sand waste, non-mineral, inaccessible to water and unsurveyable.

I do not see the line between secs. 13 & 21



Chains North, between Sections 13 and 14.
Variation 14° 47' East.

4000 Set a sandstone $12 \times 10 \times 5$ in.
3 in the ground, marked 14
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 14 sec.
cor.

No trees near.
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, 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 sec 11, 12, 13
and 14
Land rolling sandhills
Soil worthless
No timber.

Township

19 North

Range

16 East

34th & 35th Sec R. Meridian.

Meridian.

Chains

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

~~Variation~~

~~East~~

Sections 12 and 13 are wholly worthless and non-mineral.

The land is unsurveyable and I do not run the subdivision line between these secs.



Township 19 North Range 16 East
 1/4 Sec 11 Salt River Meridian.

Chains North, between Sections 11 and 12.

Variation 140° 45' East.

4000 Set apart, marked 4 in. 4 ft.
 long, flattened 3 in wide,
 1 ft. in the ground, drive chard
 stake and build mound
 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 Remote from stone & timber.
 Drive chard stake and build
 mound 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 & notched
 2 ft long, 2 in sq. d., 1 ft in the
 ground, as per instructions
 for cor. to sec. 1, 2, 11 and
 12. Land worthless Sand
 hills.

No timber.

Township

North Range 16 East
1/4 Salt River Meridian.

Chains

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

Variation ~~1/2 deg~~ East.

The land of sections 1 and 12 is wholly worthless for agriculture and non-mineral.

It is unsurvivable and I do not run the line between secs. 1 & 12.



Township

14 North

Range

16 East

1/4 Salt River

Meridian.

Chains

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

Variation

14° 47'

East.

Have Set temporary 1/4 sec. cor.
 48.00 Descend to lower ground
 br. SW. + NE.
 79.93 Intersect N. boundary 1/4 sec.
 N. of cor to secs. 1 and 2.
 from which cor. Draw
 S. 10° 47' W.

Outline line between secs. 1 & 2.

vari. 14° 47' East

39.95 Set an igneous rock 12 x 12
 x 5 in. 1/3 in the ground
 marked 14, and on the S
 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.
 No trees near.

79.93 Cor to secs. 1, 2, 11 and 12
 Land uneven. Soil poor.
 No timber.

Township 19 North Range 16 East
Pl & Salt River Meridian.

Chains

North, between Sections 34 and 35.

Variation 14 2/3 East.

2.50 4600 Mugate & Prescott Road Co. N. of W.
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 instruc-
tions for 74 sec cor.

No trees near.

41.74 Road to Sunset Co. N. W.

80.00 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 pit 1 ft deep. 2 ft
long. 1 ft wide, as per instruc-
tions for cor. to Secs. 26, 27, 34
and 35.

No trees near.

Land under Soil 1st Rate
Scattering cottonwood trees.

Township 19 North Range 16 East

Mad & Salt River

Meridian.

Chains

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

Variation

14° 44'

East.

- 45.00 Set temporary 1/4 sec. cor.
- 45.00 Cottonwood creek 90° across, dry,
br. N. W.
- 60.00 Rise on point of Sandy mesa
br. S.E. & N.W.
- 76.00 Descend to low land again br
N.E. & S.W.
- 80.15 Intersect N. & S. line & las. N. of cor to sec
25, 26, 35 & 36. from which cor. Run
N. 89° 57' W.
true line between sec. 26 & 35.
var. 14° 44' East
- 80.07 Set a post marked 1/4 S. 4 ft long,
flattened 3 in wide, 1 ft in the ground
drill charred stake & build mound
at base of high with pits 1 ft deep,
2 ft long. 2 ft wide, as per instruc-
tions for 1/4 sec. cor. No trees here.
- 80.15 Cor to Sec. 26-27, 34 & 35,
Land flat then rolling mesa,
soil largely 1st Rate some
Cottonwood trees.

Township 19 North Range 16 East

Plat 3 Salt River

Meridian.

Chains North, between Sections 26 and 27.

Variation 14° 24' East.

20.00 Cottonwood creek br. N. of W. 90 ft. wide
dry.

40.00 Set a sandstone 23 x 14 x 3 in.
3/4 in the ground, marked 74,
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 74 sec.
or. No trees near.

50.00 Leave lowland br. NW & SE
ascend on rolling & broken ground.

80.00 Set a sandstone 21 x 10 x 5 in.
3/4 in the ground, marked 8,
and 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 instructions
for cor to sec. 22, 23, 26
and 27.
No trees near.

Land level. Soil 1st rate; then
rolling & soil 2nd rate -
Some Cottonwood trees.

Township 19 North Range 16 East
Blk & Salt River Meridian.

Chains East, on a random line between Sections 23 and 26.
Variation 14° 47' East.

40.00 Set temporary 7/4 sec. cor.
80.04 Intersect N. & S. line 5 Chas. S.
of cor. to sec. 23, 24, 25 and
26, from which cor. I run
S. 89° 58' W.

On true line between sec. 23 & 26
var. 14° 47' East

40.02 Set a post, marked 7/4 S.
4 feet long, flattened 3 in.
wide, 1 ft. in the ground,
and charred state and build
mound of earth 1 ft high
with pits 1 ft deep, 2 ft long,
1 ft wide, as per instructions
for 7/4 sec. cor.

No trees near.

80.04 Co. to sec. 22, 23, 26 & 27.
Sand rolling. Soil 2 rate.
Grass. No timber.

Township

19 North Range 16 East

1/4 E Salt River

Meridian.

Chains

North, between Sections 22 and 23.

Variation

14° 44'

East.

4000 Drive charred stake and build mound a fourth 2 ft high, with pit 1 ft deep - 2 ft long, 1 ft wide, as per instructions for 14 sec. cor.

8000 Drive charred stake and build mound a fourth 2 ft high, with pit 1 ft deep - 2 ft long, 1 ft wide, and in center of pit S. E. a few drive a stake squared and notched, 2 ft long - 2 in sq d, 1 ft in the ground, as per instructions for cor to Secs. 14, 15, 22 and 23.

Remote from stone & timber.
Land rangeland. Soil 2nd rate. Grass. No timber.

Township 19 North Range 16 East
 Tla^e Salt River Meridian.

Chains

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

Variation 14°47' East.

- 4000 Set temporary 1/4 sec. cor.
 80.12 Intersect N. & S. line 20 lvs.
 S. of cor. to secs. 13, 14, 23 and
 24, from which cor. Run
 S. 89°51' W.
 On true line between secs. 14 & 23
 var. 14°47' E.
- 4006 Remote from stone & timber.
 Soil charred stone and mud.
 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.
- 80.12 Cor. to secs. 14, 15, 22 and 23.
 Sand rolling.
 Soil 2^d rate.
 Grass.
 No timber

Township

19 North

Range

321

16 East

18

1/2 Sec 4 Salt River Meridian.

Chains

North, between Sections 14 and 15.

Variation

140° 45'

East.

4000 Set a post marked 4000 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.

8000 Set an igneous rock 14 x 12 x 4 in. 2/3 in the ground, notched S. and 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 instructions for cor to secs. 10, 11, 14 and 15.

No trees near.

Sand rolling. Soil 2 Prate.
Was. No timber.

Township 19 North Range 16 East

Tla & Salt River

Meridian.

Chains

East, on a random line between Sections 11 and 14.

Variation $14^{\circ} 24'$ East.

H000 Set temporary 44 sec. cor.

80.18 Intersect N. & S. Line 16 East.
of cor to Secs. 11, 12, 13 and
14, from which cor. I run $S. 89^{\circ} 53' W.$

On true line between Secs. 11 & 14

cor. $14^{\circ} 24'$ East40.09 Set a post, marked 44 S. 24 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 44 sec. cor.

No trees near.

80.18 Cor to Secs. 10, 11, 14 and 15.

Land rolling. Some good soil
Grass. No timber.

Township

19 North Range 16 East
1/4 E Salt River Meridian.

Chains

North, between Sections 10 and 11.

Variation 14° 44' East.

- 14.00 Descend into low land b/s. E. & W.
- 40.00 Set a post, marked 745. 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.
- 60.00 Rise on higher ground b/s. N. & S. E.
- 74.00 Descend to lower ground b/s. N. & N. E.
- 80.00 Set a post, marked and numbered, 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. 2, 3, 10 and 11. No trees near.

Level & Rolling. Some good soil. Grass. No timber.

August 5. 1849.

Township 19 North Range 16 East

Tla & Salt River Meridian.

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

Variation $14^{\circ}27'$ East.

13.00 Rise on higher and rolling ground br. N.E. & S.W.

Hood Set temporary 1/4 sec. cor.

80.09 Intersect N. & S line 22 lns. S. of cor. to Secs. 1, 2, 11 and 12. from which cor. Run

 $S. 89^{\circ}51' N.$

On true line between Secs. 2 & 11.

var. $14^{\circ}27'$ East40.04 Set a sandstone $24 \times 12 \times 5$ 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.

Notes near

80.09 Cor. to Secs. 2, 3, 10 and 11.

Sand rolling & level. Soil partly good Grass. No timber.

Township

14 North Range 16 East

1/4 Salt River Meridian.

Chains

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

Variation

14° 47'

East.

79.94 Set temporary 1/4 sec. cor.

79.94 Intersect N. boundary 9 lns W
of cor to sec. 2 & 3. from
which cor. run

S. 0° 47' N.

on true line between sec. 2 & 3

var. 14° 47' East

39.94 Set a post, marked 1/4 S. 14 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.

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

Land level. Some good soil
grass. No timber.

Township

Range

16 East

Tla & Salt River

Meridian.

Chains

North, between Sections 33 and 34.

Variation

14 2/3'

East.

32.30

Little Colorado river 125 hrs. wide,
flows N. W. and Chamé across.

38.13

Wingate + Prescott Road W. N. of W.

40.00

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
4 sec. cor. No trees near.

80.00

Set a post marked E notched, 4
ft long, 3 in sq. d., 1 ft in the ground
drive charred stake and build a
mound of earth 2 ft high, with
pits 1 ft deep, 2 ft long, 1 ft wide
as per instructions for cor. to
secs. 27, 28, 33 and 34.
No trees near.

Land flat. Soil pt rate.
A few Cottonwood trees.

Township 19 North Range 16 East
1/4 Sec Salt River Meridian.

Chains East, on a random line between Sections 27 and 34.
Variation 14° 47' East.

19.50 Acquia bro. N. & S.
4600 Set temporary 1/4 sec. cor.
42.50 Road to Sunset bro. N.W.
79.96 Intersect N. & S. line 4 lvs N.
of cor to Secs 26. 27. 34 and
35. from which cor. Draw
N. 89° 58' W.

Outline line between sec. 27 & 34.
var. 14° 47' East

39.98 Set a post marked 1/4 S. 4 ft long
flattened 3 in wide 1 ft in the
ground. drive chanced stake &
build around a feet of the high
with pit 1 ft deep. 2 ft long. 1 ft wide
as per instructions for 1/4 sec.
cor. from which

A Cottonwood, 12 in dia. bro. S. 74° E. 345 lvs. dist.
No other trees near.

79.96 Cor. to Secs. 27. 28-33 & 34.

Land flat Soil 1st Rate -
Scattering Cottonwood trees.

Township T9 North Range 16 EastPlata Salt River Meridian.

Chains North, between Sections 27 and 28.

Variation 14 7/8 East.

- 44.72 Acacia br. E. & W.
- 45.50 Cottonwood creek, dry, 100 br. wide, br. N.
- 46.00 Branch of same creek, dry, 50 " " " S. of W
- 46.00 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 2 ft high
with pits 1 ft deep, 2 ft long, 1 ft wide,
as per instructions for 44 sec. cor.
from which
- A Cottonwood of air dia br. S. 75° W. 129 br. dist
do. 4 " " " N. 10° W. 225 " "
- 46.63 Branch of Cottonwood creek, dry, 50 br.
wide br. N. W., and branch road to
Sunset runs in bed of creek, crossing it to N. W.
- 49.03 Road to Sunset br. N. W.
- 50.00 Leave bottom, ascend on mesa br. N. W. & S. E.
- 50.00 Set a post, marked "Enchanted", 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. 21, 22, 27 & 28.

Notes near.

Land level, Salt & Rate. Then high ground
and Rate. Scattering Cottonwood trees.

Township 19 North Range 16 East
T14 E Salt River Meridian.

Chains East, on a random line between Sections 22 and 27.
Variation 14° 24' East.

4000 Set temporary 1/4 sec. cor.

79.80 Intersect N. & S. line 14 Chs. N. of
cor. to secs. 22, 23, 26, and 27.
from which cor. done
N. 89° 54' W.

Random line between secs. 22 & 27
var. 14° 24' East

39.90 Set a sandstone 24 x 13 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.

79.80 Cor to secs. 21, 22, 27 & 28.
Land rolling. Soil 2nd rate.
Grass. No timber.

Township

19 North Range 16 East

Gila & Salt River

Meridian.

Chains

North, between Sections 21 and 22.

Variation

14° 44'

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.

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. 15, 16, 21 and 22.

No trees near.

Sand rilling. Some gooseweed
grass. No timber.

Township 19 North Range 16 East
Gila & Salt River Meridian.

Chains East, on a random line between Sections 15 and 22.

Variation 14° 27' East.

4000 Set temporary 1/4 sec. cor.

79.90 Intersect N. & S. line 8 lns. N. of
cor. to secs. 14, 15, 22 and 23
from which cor. Draw

N. 89° 57' W.

On true line between secs. 15 & 22
var. 14° 27' East

39.95 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 in-
structions for 1/4 sec. cor.

No trees near.

79.90 Cor. to secs. 15, 16, 21 and 22.

Land rolling. Some good soil
Grass. No timber.

Township

9 North

Range

16 East

Kla & Salt River

Meridian.

Chains

North, between Sections 15 and 16.

Variation 14° 27' East.

4000 Set a post, marked 4 S. 4 ft long
flattened 3 in wide, 1 ft in the ground
drill 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 4 sec. cor.

No trees near.

5000 Descend into low lands. E. all
8000 Set a post, marked and notched,
4 ft long, 3 in. sq. d., 1 ft in
the ground, drill 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 tree near.

Land rolling then level.

Soil mostly good.

Grass. No timber.

Township 19 North Range 16 East
via Salt River Meridian.

Chains East, on a random line between Sections 10 and 15.
Variation 14° 24' East.

4000 Set temporary 1/4 sec. cor.
6200 Rise on higher ground to N.E. & S.W.
79.86 Intersect N. & S. line 17/160. N.
of cor. 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° 24' East

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

79.86 Cor. to secs. 9, 10, 15 and 16.
Land mostly level Soil Good.
Grass. No timber.

Township

19 North

Range

16 East

1st & 2nd Salt River

Meridian.

Chains

North, between Sections 9 and 10.

Variation

14° 42' East.

4000 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 74 sec. cor.

No trees near.

5000 Ascend on rolling ground
br. E. & N. W.

8000 Set a post, marked & notched, 4 ft long, 3 in sq. d. 1 ft in the ground, and build mound of stones 2 ft high, as per instructions for cor. to Secs. 3, 4, 9 and 10.

No trees near.

Land level and rolling -
Some 1st Rate soil.
Grass. No timber.

Township

North Range 16 East
1/4 Salt River Meridian.

Chains

East, on a random line between Sections 3 and 10.

Variation 14° 44' East.

23.00 Descend to lower land br. N. & S.E.
Hors Set temporary 1/4 sec. cor

79.92 Intersect N. & Blue 15 Chs.
N. of cor. to secs. 2, 3, 10 and
11. from which cor. June

N. 89° 54' W.

On true line between secs. 3 & 10.

var. 14° 44' East

39.96 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.

Notes near.

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

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

Township

19 North Range 16 East

Tla & Salt River

Meridian.

Chains

North, on a random line, between Sections 3 and 4.

Variation $14^{\circ} 47'$ East.

3.00 Descend into lowland b. E. c. w.

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

64.09 Road to quarry b. SW & NE.

70.00 Ascend on broken hills b. E. & N. W.

79.86 Intersect N. boundary 12 b. s.

N. of cor. to secs. 3 & 4. from
which cor. I run $S. 0^{\circ} 5' N.$

On true line between secs. 3 & 4.

var. $14^{\circ} 47'$ East

79.86 Set a post, marked $\frac{1}{4}$ S. of long,
flattened 3 in wide, 1 ft in the ground,
bore 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.

79.86 Cor. to secs. 3, 4, 9 and 10.
Land mostly level. Soil 1st Rate.
Grass. No timber.

Township

19 North Range 16 East

Platte Salt River

Meridian.

Chains

North, between Sections 32 and 33.

Variation

14° 47'

East.

28.00 Wingate & Prescott Roadbrs. SW. & NE.

39.82 Roadbrs. S. E. & N. W.

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.

No trees near.

8000 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. 28, 29, 32 and 33.

No trees near.

Land level. Soil 1st Rate.
Grass. No timber.

Township

19 North

Range

16 East

T19 N & Salt River

Meridian.

Chains

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

Variation

14° 44'

East.

- 21.00 The Wingate & Prescott Road bns. N.E.
& S. of W.
- 30.50 Little Colorado river, 125 ft. wide, flows N. W.
and chain across.
- 43.23 The Wingate & Prescott Road bns. N. W.
- 40.00 Set temporary 1/4 sec. cor.
- 80.10 Intersect N. line 10 bns. S. of cor.
to secs. 27, 28, 33 and 34, from
which cor. Issue
S. 89° 56' W.
- Return line between secs. 28 & 33
var. 14° 44' East
- 40.05 Set apart, marked 1/4 S. 4 ft. long,
flattened 3 in. wide, 1 ft. in the ground
dug & charred state 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.
- 80.10 Cor. to secs. 28, 29, 32 & 33,
Sand level soil at rate.
Some Cottonwood trees.

Township 19 North Range 16 East
Gila & Salt River Meridian.

Chains North, between Sections 28 and 29.

Variation 140 1/2 y' East.

- 7.51 Road to Brigham Co. N. W.
- 40.00 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. from which a Cottonwood, 12 in. dia. br. S. 30° W. 91 lvs. dist.
- do. 18 " " " N. 40° W. 138 " "
- 60.00 Intersect a bend in the Little Colorado river flows N. W. Offset N. 300 lvs. and continue N. and at
- 69.00 Set back E. 300 lvs. to the line at its intersection with N. bank of the river flows N. E.
- 80.00 Set a post, marked Enolsted, 4 ft long, 3 in. dia. 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 cont. sec. 20, 21, 28 and 29. from which a Cottonwood, 20 in. dia. br. S. 89° E. 7 lvs. dist.
- do. 21 " " " N. 45° E. 19 " "
- do. 12 " " " S. 20° W. 41 " "
- do. 11 " " " N. 56° W. 40 " "

Land level Soil 1st Rate Some Cottonwood trees.
August 6. 1879.

Township 19 North Range 16 East
Platte & Salt River Meridian.

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

Variation 14° 47' East.

8.18 The Little Colorado river, 125-150 yds wide flows N. and chain across.

13.10 Acquia br. E. of N.

13.62 Road br. N.E. & S.W.

35.12 Road to Sunset br. N.W. & S.E.

40.00 Set temporary cor. And leave bot tom br. N.W. & S.E.

80.22 Intersect N. bline 16 hrs S. of cor. to sec. 21. 22. 24 and 28. from which cor. I run S. 89° 53' W.

On true line between sec. 21 & 28.

var. 14° 47' East

40.11 Set a post, marked 1/4 S. 4 ft long, flattened 3 in wide, 1 ft in the ground, two chared stave & build mound of earth of ft high with pits 1 ft. deep. 2 ft long. 1 ft wide, as per instructions for 1/4 sec. cor. No trees near.

80.22 Cor to sec. 20. 21. 28 & 29.

Land level. Soil 1st Rate. Then higher ground and good soil. Some cottonwood trees.

Township

19 North

Range

16 East

Pila & Salt River

Meridian.

Chains

North, between Sections 20 and 21.

Variation

140° 24'

East.

- 13.00 Little Colorado river, 125 lbs wide
flows W. and SW. and chain across.
- 38.18 Slough from the Little Colorado river,
brs. N.E. 50 lbs wide, with water in it.
- 40.00 Set a post, marked 14 S. 4 ft long, flattened
3 in wide. 1 ft in the ground, drive charred
stave & build mound of earth 1 ft high with
pits 1 ft deep, 2 ft long, 1 ft wide, as per instruc-
tions for 14 sec. cor. from which
A Cottonwood, 2 in. dia. brs. N. 82° E. 19 lbs. dist
do. 2 " " " S. 50° W. 36 " "
- 55.83 Same slough, as before, brs. NW. 50 lbs wide.
- 62.31 Acquia brs. N. W.
- 64.74 Road to Sunset brs. N. W. & S. E.
- 70.00 Ascend on point of mesa brs. NW & S. E.
- 80.00 Set a post, marked & painted, 4 ft long,
3 in. sq. d. 1 ft in the ground, drive charred
stave 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 sec-
16, 17, 20 and 21. No trees near.
Land mostly flat. Soil, 1st Rate
Considerable Cottonwood growth.

Township

19 North Range 16 East

Platte Salt River

Meridian.

Chains

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

Variation $14^{\circ}24'$ East.

Have set temporary 74 sec. cor.

80.25 Intersect N. & S. line 12 ch. S.
of cor. to secs. 15, 16, 21 and
22, from which cor. I run $S. 89^{\circ}55' W.$

to true line between secs. 16 & 21.

var. $14^{\circ}24'$ East40.12 Set a post marked 74 S. 4 ft long,
flattened 3 in wide, 1 ft in the
ground. Two charred staves $2 \frac{1}{2}$
built around a post 2 ft high
with pits 1 ft deep, 2 ft long, 1 ft
wide, as per instructions for 74
sec. cor.

No trees near.

80.25 Cor. to secs. 16, 17, 20 & 21.

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

Township 19 North Range 16 East

1/4 Sec. Salt River

Meridian.

Chains

North, between Sections 16 and 17.

Variation 142° 44' East.

- 1.00 Descend from mesa to bottom land
brs. NE. & SW.
- 4000 Set a post, marked 1/4 S. 4 ft long, of flattened
3 in wide. 1 ft in the ground. Drive chanced stone
and build mound of earth of height with
pits 1 ft deep, 2 ft long, 1 ft wide, as per instructions
turn for 1/4 sec. cor. No trees near
- 40.75 Road to Sunset brs. E. of N.
- 49.00 Deep dry wash, 100 lbs wide, brs. S. W.
- 50.00 Enter Cultivated ground brs. NE. & SW.
- 54.39 Acequia brs. N.E. & S.W.
- 62.08 Same acequia brs. NW. & S.E. and leave
cultivated ground brs. NW. & S.E.
- 63.82 Same deep dry wash 100 lbs. wide, brs. S.E.
- 65.56 Road to Sunset brs. N. W.
- 8000 Set a post, marked & notched, 4 ft long,
6 in sq. dr. 1 ft in the ground. Drive chanced
stone and build mound of earth of height
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. Soil, st. rate. No timber.

Township 19 North Range 16 East
 N. & S. Salt River Meridian.

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

Variation $14^{\circ} 44'$ East.

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

80.34 Intersect N. and S. line 23 chs.
 S. of cor to secs. 9, 10, 15 and
 16, from which cor. I run

S. $89^{\circ} 50' N.$

Between line between secs. 9 & 16.

var. $14^{\circ} 44'$ East

40.17 Set a post, marked $\frac{1}{4}$ S. $\frac{1}{4}$ N.
 long, flattened 3 in wide, 1 ft in
 the ground, drive charred stake
 and build mound of earth 1 ft
 high with pile 1 ft deep, 2 ft long,
 1 ft wide, as per instruction
 for $\frac{1}{4}$ sec. cor.

No trees near

80.34 Cor. to sec. 8, 9, 16, and 17.

Land level Soil strata.
 No timber.

Township 19 North Range 16 East
T14 E Salt River Meridian.

Chains	North, between Sections 8 and 9.
	Variation 142 1/2' East.
0.69	Acacia br. E & W and enter cultivated ground br. E & W. & N.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 for 1/4 sec. cor. No trees near.
53.50	Wide ditch with waste water in it, br E & W. 50 lns. wide. And leave cultivated ground br. E & W.
58.93	Road br. N.E. & S.W.
80.00	Set a post, marked & notched, 4 ft long, 3 in sq d. 1 ft in the ground, drive charred stake 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. 4, 5, 8 and 9, from which a Cottonwood, 20 in. dia. br. N. 29° E. 13 lns. dist. do. 22 " " " N. 42° W. 227 " " No other trees near. Land level. Soil 1st Rate. Some Cottonwood trees.

Township

19 North

Range

16 East

1/4 Sec Salt River

Meridian.

Chains

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

Variation

142 1/2'

East.

- 26.18 Deep Wash with waste water in it,
brs. SW & NE. 50 lns. wide.
- 29.52 Road brs. NE, & SW.
- 40.00 Set temporary 1/4 sec. cor.
- 79.00 Leave low land ascend high ground
brs. N. & S.
- 80.13 Intersect N. & S. line 7 lns. S. of
C. to Secs. 3, 4, 9 and 10. from
which cor. I run
S 89° 54' W.
Continue line between sec. 4 & 9
var. 142 1/2' East
- 40.06 Set a post, marked 1/4 S. 4 ft long,
flattened 3 in wide. 1 ft in the ground
drive charred stake and build a
mound of earth 2 ft high with pit
1 ft deep, 2 ft long, 1 ft wide as per
instructions for 1/4 sec. cor.
No trees near.
- 80.13 C. to Secs - 4, 5, 8 & 9.
Land mostly level. Soil 1 st. Rate
Some Cottonwood trees.

Township

19 North

Range

16 East

T19 N R16 E Salt River

Meridian.

Chains

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

Variation $14^{\circ}27'$ East.

20.00 Dry wash, 50 lns wide brs. S.W.

40.00 Set temporary 1/4 sec. cor.

41.30 Same dry wash, 50 lns wide brs. S. E.

48.16 Same dry wash, 75 lns wide brs. S.W.

79.84 Intersect N. boundary 13 lns. N.

refer to sec. 4 and 5. from which
cor. June $S. 0^{\circ}6' W.$

On true line between sec. 4 & 5.

var. $14^{\circ}27'$ East

39.84 Set a post, marked 1/4 S. 2 ft long, flat-

tened 3 in wide, 1 ft in the ground.

drill 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. from which

a Cottonwood, 12 in dia brs. S. $15^{\circ} W.$ 219 lns dist

No other trees near.

79.84 Cor to sec. 4, 5, 8 and 9.

Land level. Soil 1st Rate.

Some Cottonwood trees.

Township

19 North Range 16 East

1/4 Salt River

Meridian.

Chains

North, between Sections 31 and 32.

Variation

14° 44'

East.

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 Set a post, marked Enatched,
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 in-
structions for cor to sec -
29, 30, 31 and 32.
No trees near.

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

19 North
1st & Salt River

Meridian.

Chains

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

Variation 14 7/8' East.

- 31.89 Road br. N.W. & S.E.
 40.00 Set temporary 1/4 sec. cor.
 44.00 Descend to lower ground
 br. N.W. & S.E.
 79.89 Intersect N. Line 13 lns. N.
 of cor to Secs. 28, 29, 32 and
 33, from which cor. Run

N. 89° 52' W.

Ante line between sec. 29 & 32,

var. 14 7/8' East

- 39.94 Set apart, marked 1/4 S. 4 ft long,
 flattened 3 in wide, (ft in the ground
 driven charred stake & build mound
 of earth 2 ft high - with pit 1 ft
 deep, 2 ft long, 1 ft wide, as per
 instructions for 1/4 sec. cor.

No trees near.

- 79.89 Cor to Secs. 29, 30, 31 & 32.

Land descending E. Since
 1st Rate Soil. Grass.
 No timber.

Township

19 North Range 16 East
Pl & Salt River Meridian.

Chains

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

Variation $14^{\circ}27'$ East.

4000 Set temporary $\frac{1}{4}$ sec. cor.
79.20 Intersect W. boundary 9 lns.
N. of cor. to secs. 30 and 31
from which cor. I run

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

Continue line between secs. 30 & 31.

var. $14^{\circ}27'E$.

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

No trees near.

79.20 Cor to secs. 29-30, 31 & 32.

Land slightly rolling
Some good soil
Grass. No timber

Township

19 North Range 16 East

1/4 E Salt River

Meridian.

Chains

North, between Sections 29 and 30.

Variation

N 77° E

East.

10.00 Descend to low land bro. N. of W.
 40.00 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.

65.00 Road bro. N. W. E. S. E.

80.00 Set a post, marked and notched,
 4 ft long, 3 in sq. d. 1 ft in the ground
 Drive charred stake & build mound of
 earth 2 ft high, with pits 1 ft deep, 2 ft
 long, 1 ft wide, as per instructions
 for cor to secs. 19, 20, 29 & 30.

No trees near.

Land mostly level.

Soil Good.

Grass.

No timber.

Township 19 North Range 16 East

T14 S Salt River Meridian.

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

Variation $14^{\circ} 24'$ East.

26.88 Road to Brigham Co. N.W.

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

80.08 Intersect N. and S. line 10 chs.

S. of cor. to secs. 20, 21, 28 and
29. from which cor. I run $S. 89^{\circ} 56' W.$

Between line between secs. 20 & 29.

var. $14^{\circ} 24'$ East40.04 Set a post, marked $\frac{1}{4}$ S. $\frac{1}{4}$ block
flattened 3 in wide. 1 ft in the ground,
drill 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.

80.08 Cor to secs 19, 20, 29 and 30

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

Township

19 North

Range

16 East

1/4 E Salt River

Meridian.

Chains

West, on a random line between Sections 19 and 30.

Variation

14° 24'

East.

4000 Set temporary 1/4 sec. cor.

64.46 Road br. N. & S and SE.

78.78 Intersect N. boundary 18 lno.

S. of cor to secs. 19 & 30.

from which cor. Run

S. 89° 52' E.

Random line between secs. 19 & 30.

var. 14° 24' East

38.78 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, 1/4 wide, a fence struc-

ture for 1/4 sec. cor.

No trees near

78.78 Cor to secs. 19, 20, 29 and 30.

Land slightly ascending W.

Don't 1st Rate. Grass. No timber.

Township

19 North Range 16 East

1/4 E Salt River

Meridian.

Chains

North, between Sections 19 and 20.

Variation 14° 42' East.

40.00 Set apart, marked 4 S. 4 ft long, flattened 3 in wide, 1 ft in the ground. Drive chared stakes 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.

50.88 Road to Brigham Co. N. W.

77.00 Acquia Co. N.

80.00 Set apart, marked & notched 4 ft long, 3 in wide, 1 ft in the ground. Drive chared stakes and build mounds 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 and 20.

No trees near.

Sand flat. Soil at Rate.

No timber.

August 7, 1879.

Township 19 North Range 16 East
plus Salt River Meridian.

Chains	East, on a random line between Sections 17 and 20.
	Variation $144^{\circ} 47'$ East.
2.00	Little Colorado river 125 lbs. wide, flows N. W. and chain across.
40.00	Set temporary $1/4$ sec. cor.
41.00	Slough with water in it br. N. & S. 150 lbs. wide.
73.67	Acacia br. N. & S.
77.00	Road to Sunset br. N. & S.
78.50	Rise on mesa br. N. & S.
80.10	Intersect N. & S. line 15 lbs. S. of cor. to secs. 16, 17, 20 and 21. from which cor. drawn $S. 89^{\circ} 54' W.$
	Bearing line between secs. 17 & 20 was $144^{\circ} 47'$ East
40.05	Set a post, measured $1/4$ S. 4 ft long, flattened 3 in wide. $1/2$ ft in the ground, drive charred stake & build mound of earth $1/2$ ft high, with pits $1/2$ ft deep, 2 ft long, $1/2$ ft wide, as per instructions for $1/4$ sec. cor. from which a Cottonwood 2 1/2 in. dia. br. $S. 20^{\circ} E.$ 85 lbs. dist do. 20 " " " $S. 10^{\circ} E.$ 90 " "
80.10	Cor. to Secs. 17, 18, 19 and 20. Land flat. Soil 1st Rate. Cottonwood trees.

Township

19 North

Range

16 East

T⁴ & Salt River

Meridian.

Chains

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

- Variation $14^{\circ}47'$ East.
- 2.50 Cross little knoll Crs. N. & S.
- 7.00 Leave same Crs. N. & S.
- 12.42 Road past the Mill to Sunset Crs. N. E.
- 15.70 Road to Brigham Crs. N.
- 18.00 The S.W. House of the town of Brigham Crs. N. 10.63 chs. dist. The Houses bear thence E. and N., built adjoining each other, and the following lines would enclose the town: Commencing at the S.W. House, thence E. 10.00 chs., thence N. 9.00 chs., thence W. 10.00 chs., thence S. 9.00 to point of beginning.
- 19.88 Road from Brigham to Saw Mill Crs. S. $^{\circ}$ & W. $^{\circ}$ 48.
- 40.00 Set temporary $\frac{1}{4}$ sec. cor.
- 78.90 Intersect N. boundary 21 Crs. S. a few to Secs. 18 & 19. from which cor. true S. $89^{\circ}51' E$.
- On true line between Secs. 18 & 19
cor. $14^{\circ}47'$ East
- 38.90 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 mounds 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.
- 78.90 Cor. to Secs. 17, 18, 19 and 20.
Sand flat. Soil strata.
No timber.

Township 19 North Range 16 East
Tla & Salt River Meridian.

- Chains North, between Sections 17 and 18.
Variation 14° 42' East.
- 5.00 Little Colorado river flows N. & W. of N. and runs in it.
 - 8.25 Leave river; Rise on Dam brs E & W. And Grist Mill brs. W. 2.47 chs. dist.
 - 8.35 Road on Dam brs E. to Sunset.
 - 8.46 Leave dam and river turns N. W. and enters cultivated ground, brs. E & W.
 - 13.11 Dry wash 75 lns. wide, br. W. and N. W.
 - 31.65 Little Colorado river, 85 lns. wide flows E. & N. E.
 - 34.75 Acequia br. E & W.
 - 40.00 Set a post, marked 14 S. 4 ft long, flat-tined 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 14 sec. cor. No trees near.
 - 46.23 Acequia br. N. of W. and E.
 - 46.63 Little Colorado river 90 lns. wide flows N. W. and chain across.
 - 80.00 Set a post, marked and notched, 4 ft long, 3 in. sq. d. 1 ft. in the ground, drive charred stake and build a mound of earth 2 ft high, with pile 1 ft deep, 2 ft long, 1 ft wide, as per instructions for cor. to secs. 7, 8, 17 and 18. No trees near.
Land level. Soil strata.
Cottonwood trees in places.

Township

19 North

Range

16 East

Plata & Salt River

Meridian.

Chains

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

Variation $14^{\circ}47'$ East.

- 25.70 Dry wash 75 lbs. wide, br. N. W.
- 40.00 Road br. N. of W. And set temporary cor.
- 48.00 Intersect N. line of Houses of Sunset bearing N. and S. Offset S. along N. line of Houses and at 2.90 chs. the road from Sunset towards Brigham br. S. W., and at 6.50 chs. turn E., and run along the S. line of houses, bearing E. W. and on this offset at
- 51.00 Acequia br. N. & S.
- 51.25 Dry wash 50 lbs. wide br. S. & S. E.
- 57.57 Turn back N. along E. line of houses, bearing N. & S., and on this set back, at 50 lbs. the road down the E. side of the river into Sunset br. N. W. and leave cultivated ground bearing S. and S. W. And at 6.50 chs. the intersection of the line with the E. line of houses, which continues to bear thence N. about 400 lbs. and thence turn N. being described in a figure 10.50 chs. long N & S., and 9.50 chs. wide E & W. House built continuously around the outside of the figure, with an open space in center. - And being on line, at
- 79.97 Intersect N. & S. line 6 lbs. S. of cor. to sec. 8, 9, 16 and 17, from which cor. draw $S. 89^{\circ}57' N.$ on true line bet. secs. 8 & 17.
- var. $14^{\circ}47'$ East.
- 39.98 Set a post, marked $\frac{1}{4}$ S. of blong. flattened 3 in. wide, 1 ft. in the ground. Drive charred stake and build mound of earth 2 ft high, with pits 1 ft deep. 2 ft long. 1 ft wide, as per instructions for 74 sec. cor. No trees near.
- 79.97 Cor to secs. 7, 8, 17 and 18.
Sand level. Soil 1st Rate. Some Cat-
tawood trees.

Township

19 North Range 16 East

Gila & Salt River

Meridian.

Chains

West, on a random line between Sections 7 and 18.

Variation

14° 47'

East.

- 27.00 Little Colorado river 125 lbs. wide,
flow N. W. and chain across.
- 29.00 Acquia bro. N. W. & S. E.
40.00 Set temporary 1/4 sec. cor.
- 45.66 Acquia bro. N. W. and S. E.
- 46.00 Leave cultivated ground bro. N. W. of
N. and E. of S.
- 79.09 Intersect N. boundary 24 lbs. S. of
cor. to sec. 7 and 18. from which
cor. I run
S. 89° 50' E.
Continue line between sec. 7 & 18,
var. 14° 47' East
- 39.09 Set a post, marked 1/4 S. 4 ft long,
flattened 3 in wide, 1 ft in the ground
and charred stake and build a
mound of earth 2 ft high, with pits 1 ft
deep, 2 ft long, 1 ft wide, as per in-
structions for 1/4 sec. cor.
No trees near.
- 79.09 Cor. to sec. 7, 8, 17 and 18.
Sand flat, Soil, 10 Rate.
A few Cottonwood trees.

Township 19 North Range 16 East

Plat 4 Salt River

Meridian.

Chains North, between Sections 7 and 8.

Variation $14^{\circ} 27'$ East.

- 14.00 Dry wash 45 hrs. wide br. S. E.
- 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 1 ft high with pits 1 ft deep, 2 ft long, 1 ft wide, as per instructions for Sec 14 Sec. cor. No trees near.
- 60.00 Dry wash 75 hrs. wide br. SW.
65.50 Leave south end of ground gr. E. cor.
80.00 On S. of Little Colorado river flows N. E. then immediately turns N. W. 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 cor. to Secs 5, 6, 7 and 8. From which
- A Cottonwood, 15 in. dia. br. S. 30° E. 111 hrs. dist.
do. 14 " " N. 52° E. 111 " "
- No other trees near.
- Sand level. Soil 1st Rate
Cottonwood trees.

Township

19 North Range 16 East

Platte Salt River

Meridian.

Chains

East, on a random line between Sections 5 and 8.

Variation $14^{\circ}47'$ East.

4000 Set temporary 74 sec. cor.
 57.40 Dry wash 80 lns. wide br. S.W.
 79.95 Intersect N. & S. line 9 lns. N. of
 cor. to Secs. 4, 5, 8 and 9. from
 which cor. down

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

On true line between secs. 5 & 8.

var. $14^{\circ}47'$ East

39.97 Set a post, marked 74 S. 4 ft.
 long, flattened 3 in wide, 1 ft.
 in the ground. Above charred stake
 and build mound of earth 2 ft
 high, with pits 1 ft deep, 2 ft.
 long, 1 ft wide, as per instru-
 tions for 74 sec. cor.

From which

A Cottonwood, 24 in. dia. br. West, 175 lns. dist.

No other trees near.

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

Land level Soil st Rate. Some
 Cottonwood trees.

Township

19 North

Range

16 East

N. & Salt River

Meridian.

Chains

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

Variation $14^{\circ}47'$ East.

- 0.50 Little Colorado river 130 lbs. wide,
flows N.E. And chain across
- 40.00 Set temporary $\frac{1}{4}$ sec. cor.
- 41.00 Dry wash 50 lbs. wide, br. N.E.
- 48.96 Intersect N. boundary 17 lbs. S.
of cor. to secs. 6 and 7. from
which cor. drawn
 $S. 89^{\circ} 53' E.$
But true line bet. sec. 6 & 7
var. $14^{\circ}47'$ East
- 38.96 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 1 ft high,
with pits 1 ft deep, 2 ft long, 1 ft
wide, as per instructions for $\frac{1}{4}$
sec. cor.
- 78.96 Cor. to Secs. 5, 6, 7 and 8.
No trees near.
Land flat Soil st Rate,
Some Cottonwood trees.

Township 19 North Range 16 East
W. & Salt River Meridian.

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

Variation 14 1/2° East.

0.16 Little Colorado river 125 lns. wide, flows N.E., and chain across.

3.50 Little Colorado river 125 lns. wide, flows N.W., and chain across.

4000 Set temporary 1/4 sec. cor.

79.80 Intersect N. boundary 15 lns N. of cor to Secs. 5 & 6. from which cor. Run S. 0° 6' W.

Ante line between sec. 5 & 6.

var. 14 1/2° East

39.80 Set a post, marked 1/4 S. of flony. flat land 3 in wide, 1 ft in the ground, some charred stave and build mound of earth of high, with pits 1 ft deep, 2 ft long, 1 ft wide, as per instructions for 1/4 sec. cor. from which

a Cottonwood, 24 in. dia. br. S. 30° E. 51 lns. dist.

do. 10 " " " N. 41° E. 38 "

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

Land flat. Soil st. Rate. Cottonwood trees.

August 8, 1849.

GENERAL DESCRIPTION.

In Township 19 N. Range 16 E., is a large body of some of the finest agricultural land on the Little Colorado, lying low and flat and easily to be irrigated from the river flowing through its entire length from South to North and containing abundance of water.

There are two considerable settlements in the Township. The one at the town of Brigham is in the S. E. 1/4 of section 18, ^{and} contains from 125 to 150 people wholly engaged in agriculture. The one at the town of Sunset is on the E. side of the river, in the S. E. 1/4 of sec. 8, and the N. E. 1/4 of sec. 17, and contains probably 100 people. All these people are engaged in agriculture and will as time progresses spread out and bring under cultivation all the farming land of this and the township to the North.

There is a good grist mill

in the S. E. $\frac{1}{4}$ of sec. 18. and a fine and costly dam adjoining. From Brigham a road leads out to the S. W., made by the local inhabitants, to the Saw Mill in the Pinerias, some 50 miles to the W., (and which I shall shortly cover with lines of survey.) From Brigham also runs the road northerly and northwesterly to and through the Pinerias. In the S. W. $\frac{1}{4}$ of sec. 28 is the well known "Sunset Crossing" of the Little Colorado.

There is no mineral in the township. The eastern portion of the township is poor and some of it I did not feel justified in subdividing.

There is considerable Cotton-wood growth on the river.

Jno. L. Harris
U.S. Dep. Surveyor.

ISS BOOK 321
List of Names.

BOOK 321

63

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

Submission Lines of
Township 19 North
Range 16 East of the
1st 2^d & 3^d Salt River
Meridian Arizona

showing the respective capacities in which they
acted.

Richard Shrope Chainman.

Geo. McNeal Chainman,

B. Palm } Axeman.

J. G. Lindsay }
Ernesto Sainz Flagman.

64

BOOK 321

Final Oath of Assistants.

We hereby certify that we assisted John
L. Harris U. S. Deputy Surveyor, in
 surveying The Subdivision
Lines of Township 19 N.
Range 16 East of the
Gila and Salt River Me-
ridian 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.

Richard Shupe Chainman.

Geo Mc Neal Chainman.

B. Palmer Axeman.

J. B. Lindsey Axeman
 Flagman.

Guaristo J. King Flagman

Sworn to and subscribed before me, this 19th

day of September, 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 28th day of April

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

The Subdivision Lines of
Township 19 North
Range 16 East of the
1st Salt River Mer-
idian 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-

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.

Geo. L. Harris

Deputy Surveyor.

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

John R. Tanell
Notary Public



U. S. Surveyor General's Office.

Tucson, A. T.

November 8, 1879

The foregoing Field Notes of the surveys of
the Subdivision Lines of
Township 19 North
Range 16 East,
Gila and Salt River Meridian

in the Territory of Arizona executed by

John L. Heavis,

U. S. Deputy Surveyor, under his contract dated

April 28, 1879,

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

John Wasson.

U. S. Surveyor General for the District of Arizona.