

No-356

John L. Harris Deputy Surveyor.
T. *20* North R. *16* East
W. Salt River Meridian.

FIELD NOTES

OF BOOK 356

THE SUBDIVISION LINES OF

Township *20* North Range *16* East
W. Salt River Meridian.

BY

John L. Harris Deputy Surveyor.

under his Contract of *April 28* 18*79*

Survey Commenced *August 9, 1879.*

Survey Completed *August 14, 1879*

~~No-356~~

Platted,
Copied for Washington, *J.P.F.*
Copied for Register, *a, b,*

356

copy 79 C.

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John L. Harris Deputy Surveyor.

T. 20 North R. 16 East

W. & S. Salt River Meridian.

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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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BOOK 356

John L. Harris Deputy Surveyor.
T. 20 North R. 16 East
1/4 Sec Salt River Meridian.

No-356

FIELD NOTES

OF

THE SUBDIVISION LINES OF

Township *20 North* Range *16 East*
1/4 Sec Salt River Meridian.

BY

John L. Harris Deputy Surveyor.

under his Contract of *April 28* 1879

Survey Commenced *August 9, 1879,*

Survey Completed *August 14, 1879.*

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Township 20 North Range 16 East

Wabash River Meridian.

BOOK 356

6	60	5	44	4	33	3	22	2	11	1
59		58		45		32		21		10
7	57	8	42	9	31	10	20	11	9	12
56		55		41		30		19		8
18	54	17	40	16	29	15	18	14	7	13
53		52		39		28		17		6
19	51	20	38	21	27	22	16	23	5	24
50		49		37		26		15		4
30	48	29	36	28	25	27	14	26	3	25
47		46		35		24		13		2
31	45	32	34	33	23	34	12	35	1	36

OK

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BOOK 356

BOOK 356

Preliminary Oaths of Assistants.

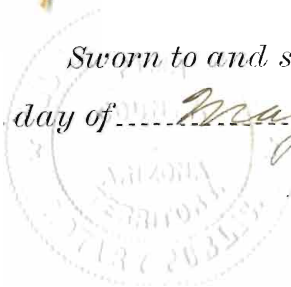
We, Richard Sharpe
and Geo. McNeal

do solemnly swear that we will faithfully execute the duties of Chain Carriers; that we will level the chain upon uneven ground, and plumb the tally pins, whether by sticking or dropping the same; that we will report the true distance to all notable objects, and the true length of all lines that we assist in measuring, to the best of our skill and ability.

Richard Sharpe
Geo Mc Neal

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

John R. Faull
Notary Public.



We, B. Palm, J. C. Lindsey
and Evaristo Saenz
do solemnly swear that we will well and truly per-
form the duties of Assessors and
Magistrate respectively
according to instructions given us, and to the best
of our skill and ability.

B. Palm
J. C. Lindsey
Evaristo Saenz

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

John R. Howell
Notary Public



10 Township 20 North BOOK 356 Range 16 East
Pila & Salt River Meridian.

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

Variation 15° 02' East.

As per East Boundary.

1.20 Dry wash, 100 yds. wide br. W.
4000 Set a post, marked "45", 4 ft long, flattened 3 in wide, 1 ft in the ground, drive charred stake and build mound of earth 2 ft high, with pit 1 ft deep, 2 ft long, 1 ft wide, as per instructions for 4 sec. cor.

No trees near.

8000 Set a post, marked & notched, 4 ft long, 3 in sqd, 1 ft in the ground, drive charred stake and build mound of earth 2 ft high, with pit 1 ft deep, 2 ft long, 1 ft wide, as per instructions for cor. to Secs 25, 26, 35 and 36.

No trees near.

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

Township 20 North Range 16 East
Pila & Salt River Meridian.

Chains East, on a random line between Sections 25 and 36.
 Variation 15° 02' East.

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

79.86 Intersect E. boundary 9 lns. N. of cor. to secs. 25 and 36. From which cor. I run

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

On true line between secs. 25 & 36. var. $15^{\circ} 02'$ East

39.93 Set a post, marked $\frac{1}{4}$ S. 4 ft. long, flattened 3 in wide, 1 ft. on 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.

No trees near

79.86 Cor. to secs. 25-26-35 & 36.

Land mostly level. Soil good. Grass. No timber.

Township

20 North

Range

16 East

Platte & Salt River

Meridian.

Chains

North, between Sections 25 and 26.

Variation

15° 02'

East.

4000 Setapost, marked 1/4 S. 4 ft. long, flattened 3 in wide, 1 ft. in the ground, drive charred stake and build mound of earth 2 ft high, with pits 1 ft deep, 2 ft long, 1 ft wide, as per instructions for 1/4 sec. cor.

No trees near.

8000 Setapost, 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. 23, 24, 25 and 26.

No trees near.

Land level. Soil good.
Grass. No timber.

Township

20 North Range 16 East

1/4 E Salt River

Meridian.

Chains

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

Variation $15^{\circ}02'$ East.

How Set temporary 1/4 sec. cor.

79.89 Intersect E. boundary 7/8s.
N. a/cor. to Secs. 24 and 25,
from which cor. down

N. 89° 57' W.

On true line bet. Secs. 24 & 25.

var. $15^{\circ}02'$ East

39.94 Set apart, 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.

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

Land somewhat descend-
ing E. Some good soil.

Grass. No timber.

Township

24 North Range 16 East

1/4 Salt River

Meridian.

Chains

North, between Sections 23 and 24.

Variation 15° 02' East.

4000 Remate from stone & timber.
Deposit marked stone and
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.

8000 Set a sandstone 18 x 13 x 3 in.
3/4 in the ground, notched S.
and E. and on the N. 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 tree near.

Land level. Soil Good.
Grass. No timber.

Township

20 North

Range

16 East

Tula & Salt River

Meridian.

Chains

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

Variation $15^{\circ}02'$

East.

4000 Set temporary $\frac{1}{4}$ sec. cor.79.82 Intersect E. boundary 16 Sec.
N. of cor to Secs. 13 and 24,
from which cor. I runN. $89^{\circ}53'W$.A true line between Secs. 13 & 24.
var. $15^{\circ}02' E$.39.91 Set a sandstone $15 \times 12 \times 3$ in.
 $\frac{2}{3}$ in the ground, marked $\frac{1}{4}$ sec.
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 $\frac{1}{4}$ sec.
cor.

No trees near.

79.82 Cor to Secs. 13, 14, 23 and
24.Sand level. Some good
soil. Grass. No timber.

Township

20 North

Range

16 East

Gila Salt River

Meridian.

Chains

North, between Sections 13 and 14.

Variation

15° 02'

East.

4000 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 a pit S.E. of cor. drive a stake marked and notched, 2 ft long, 2 in. 2 ft 1 ft in the ground, as per instructions for cor. to Secs. 11, 12, 13 and 14

Remote from stone & timber.

Land level. Soil partly good.

Pass. No timber -

Township 20 North Range 16 East

T14 E Salt River Meridian.

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

Variation $15^{\circ}02'$ East.4000 Set temporary $\frac{1}{4}$ sec. cor.79.80 Intersect E. boundary 20 lvs.
N. of cor to Secs. 12 and 13. from
which cor. Is runN. $89^{\circ}51' W.$ Between line between Secs. 12 & 13.
var. $15^{\circ}02'$ East39.90 Remote from stone timber.
Dug 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.

79.80 Cor. to Secs. 11, 12, 13 & 14.

Land level. Some good soil

Trace No timber.

August 9, 1879.

Township

20 North

Range

16 East

34th E Salt River

Meridian.

Chains

North, between Sections 11 and 12.

Variation $15^{\circ} 02'$ East.

8000 Drive charred stake and build mound of earth 2 ft high with pits 1 ft deep, 2 ft long, 1 ft wide, as per instructions for $\frac{1}{4}$ sec. cor.

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. corner. Drive a stake marked and notched, 2 ft long, 2 in. sq. 1 ft in the ground, as per instructions for cor. to Secs. 1, 2, 11, and 12.

Remote from stone timber.

Sand level.

Soil Good.

Wass. No timber.

Township

24 North

Range

16 East

Meridian.

Chains

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

Variation $15^{\circ}02'$ East.

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

79.88 Intersect E. boundary 10 chs. N. of cor. to Secs. 1 and 12. from which cor. drawn

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

On true line between Secs. 1 & 12.

var. $15^{\circ}02'$ East

39.94 Set a sandstone $19 \times 14 \times 3$ 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.

Notrees near.

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

Land level. Soil Good.

Pass. No timber.

Township

20 North

Range

16 East

W & Salt River

Meridian.

Chains

North, on a ~~random~~ ^{TRUE} line between Sections 1 and 2.Variation $15^{\circ} 02'$ East.

Here Set a post, marked 14 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 14 sec. cor.

No trees near.

49.84 Intersect 5th Standard N., at a point 31.90 chs. N. of Standard cor. to Secs. 35 & 36. of Twp. 21 N. R. 16 E.

At point of intersection 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 closing cor. to Secs. 1 and 2. No trees near.

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

Township

20 North

Range

16 East

Meridian.

Old Salt River

Chains

North, between Sections 34 and 35.

Variation $15^{\circ} 2'$ East.

4000 Remote from stone & timber,
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.

8000 Set a post, marked & notched,
4 ft long, 3 in. sqd. 1 ft in the
ground, drive charred stake
and build mound of earth
2 ft high with pits 1 ft deep,
2 ft long, 1 ft wide, as per
instructions for cor. to secs
26, 27, 34 and 35.
No trees near.

Land uneven;
Some good soil.
No timber.

Township 20 North Range 16 East

Gila & Salt River

Meridian.

Chains

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

Variation $15^{\circ}02'$ East.

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

80.10 Intersect N. & S. line 5 lns. N.
of cor. to Secs. 25, 26, 34 and
36, from which cor. I run

N. $89^{\circ}58'N$.

Put line bet. sec. 26 & 35.

var. $15^{\circ}02'$ East

40.05 Set a post, marked $\frac{1}{4}$ S. 4 ft.
long, flattened 3 in. wide, 4 ft.
in the ground, drive chanced
stone and build surround 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.

Notes near:

80.10 Conto sec. 26, 27, 34 and
35.

Land level, Salt Good,
Pass. No timber.

Township

20 North

Range

16 East

W & Salt River

Meridian.

Chains

North, between Sections 26 and 27.

Variation

15° 02'

East.

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

8000 Set a post, marked and notched,
 4 ft long, 3 in sq. 1 ft in the
 ground, drive charred stake
 and build mounds of earth
 2 ft high, with pits 1 ft deep, 2
 feet long, 1 ft wide, as per in-
 structions for cor to Secs 22,
 23, 26 and 27.

No trees near.

Sand level.

Soil Good.

Grass.

No timber.

Township

20 North

Range

16 East

Platte Salt River

Meridian.

Chains

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

Variation $15^{\circ}02'$ East.

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

80.13 Intersect N. & S. line of S. S. of cor. to secs. 23, 24, 25 and 26. from which cor. I run

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

On true line between secs. 23 & 26.

var. $15^{\circ}02'$ East

40.06 Remote from stone & timber.
Drove charred staves 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.

80.13 Cor. to secs 22, 23, 26 & 27.

Land level. Soil Good.

Grass. No timber.

BOOK 356
Township 20 North Range 16 East

16

W & Salt River Meridian.

Chains

North, between Sections 22 and 23.

Variation $15^{\circ} 12'$ 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 1 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 painted, 4 ft long, 3 in sqd., 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 and 23.
No trees near.

Sand level Soil Good.
Grass. No timber.

Township

20 North

Range

16 East

T14 E Salt River

Meridian.

Chains

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

Variation $15^{\circ}02'$ East.

4000 Set temporary 1/4 sec. cor.

80.15 Intersect N. & S. line 20 No.
S. of cor. to secs. 13, 14, 23 and
24, from which cor. I run

S. 89.51' W.

to true line bet. secs. 14 & 23

var. $15^{\circ}02'$ East40.08 Remote from stone & timber,
Dirt charred state and build
mounds 4 ft high, 1 ft long,
with pits 1 ft deep, 2 ft long,
1 ft wide, as per instructions
for 1/4 sec. cor.

80.15 Cor to secs. 14, 15, 22 & 23.

Land mostly level. Some good
soil. No timber.

Township 20 North Range 16 East

Wabash Salt River Meridian.

Chains

North, between Sections 14 and 15.

Variation 15° 02' East.

4000 Remote from stone & timber,
drive charred stake and build
mound of earth 2ft high with
pits 1ft deep, 2ft long, 1ft wide,
as per instruction for 74 sec.
cor.

8000 Set a post, marked & numbered,
4ft long, 3in sqd, 1ft in the
ground, drive charred stake
and build mound of earth
2ft high with pits 1ft deep, 2
ft long, 1ft wide, as per in-
structions for cor. to Secs.
10, 11, 14 and 15.

No trees near.

Sand level.

Soil good.

No timber.

Township

20 North

Range

16 East

W¹/₂ Salt River

Meridian.

Chains

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

Variation

15° 02'

East.

4000 Set temporary 1/4 sec. cor.

80.09 Intersect N. & S. line 25 chs.
S. a few to secs. 11, 12, 13 and
14, from which cor. I run

S. 89° 49' N.

Put true line bet secs. 11 & 14.

var. 15° 02' East

40.04 Remote from stone & timber,
Stone charred stake and build
around a earth 1 ft high,
with pit 1 ft deep, 2 ft long,
1 ft wide, as per instructions
for 1/4 sec. cor.

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

Sand level. Soil Good.

No timber.

Township 20 North Range 16 East

1/4 E Salt River Meridian.

Chains North, between Sections 10 and 11.

Variation 15° 12' East.

4000 Set a post, marked 1/4 S. 4 ft long, flattened 3 in wide, 1 ft in the ground, two charred stave and build mound of earth 2 ft high with pits 1 ft deep, 2 ft long, 1 ft wide, as per instructions for 1/4 sec. cor.

No trees near.

8000 Set a sandstone 15 x 10 x 4 in. 2/3 in the ground, notched S. & E., and on the N. build mound of earth 2 ft high with pits 1 ft deep, 2 ft long, 1 ft wide, as per instructions for cor to Secs 2, 3, 10 and 11.

No trees near

Land level.

Soil 1st Rate.

No timber.

Township

24 North

Range

16 East

W⁴ Salt River

Meridian.

Chains

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

Variation $15^{\circ}02'$ East.4000 Set temporary $\frac{1}{4}$ sec. cor.80.06 Intersect N. S. line 19 hrs. S. of
cor to Secs. 1, 2, 11, and 12,
from which cor. Run $S. 89^{\circ}52' W.$

On true line between sec. 2 & 11.

var. $15^{\circ}02'$ East40.03 Remote from stone & timber.
Drove charred stake and build
mound of earth 2 ft high,
with pits 1 ft deep, 2 ft long,
1 ft wide, as per instructions
for $\frac{1}{4}$ sec. cor.

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

Land level. Soil good.
No timber.

Township

T^h 17ⁿ R^{ange} 16^{East}
N^o 1^W Salt River

Meridian.

Chains

North, on a ~~random~~^{True} line between Sections 2 and 3.

Variation 15° 02' East.

4000 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.

79.80 Intersect 5th Standard N. at a point 31.50 chs. W. of standard cor. secs. 34 & 35, T^h. 21 N. Range 16 E.

Drive charred stake and build mound of earth 2 ft high with pit 1 ft. deep, 2 ft long, 1 1/2 ft wide, and in center of pit 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 closing cor. to secs. 2 and 3.

Remote from stone & timber.
Land level. Some good soil.
No timber.

Township 20 North Range 16 EastPl⁴ Salt River Meridian

Chains North, between Sections 33 and 34.

Variation 15° 02' East.

26.00 Descend from broken hills to
N.E. and S.W.

40.00 Set a sandstone $29 \times 15 \times 3$ in.
 $\frac{3}{4}$ in the ground, marked $\frac{7}{4}$,
and on the N. build mound
afearth 2 ft high, with pits 4 ft
deep, 2 ft long, 1 ft wide, as per
instructions for $\frac{7}{4}$ sec. cor.

No trees near.

80.00 Set a post, marked and notched
4 ft long, 3 in sq d., 1 ft in the
ground, drive charred stake
and build mound afearth 1 ft
high, with pits 1 ft deep, 2 ft long,
1 ft wide, as per instructions for
the cor. to Secs. 27, 28, 33 and
34.

No trees near.

Land hilly & broken and poor.
Then level and some
good soil.

No timber.

Township

20 North

Range

16 East

Platte & Salt River

Meridian.

Chains

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

Variation $15^{\circ} 02'$ East.4000 Set temporary $\frac{1}{4}$ sec. cor.

8006 Intersect N. & S. line 14 lvs.
S. of cor. to secs. 26-27, 34
and 35. from which cor.
S. line

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

On true line between secs. 27 & 34.
var. $15^{\circ} 02'$ East

4003 Set a sandstone $26 \times 14 \times 3$ in.
 $\frac{3}{4}$ in. thick ground, marked $\frac{1}{4}$
and on the N. build mound
of earth 2 ft high, with pits 1 ft
deep, 2 ft long, 1 ft wide, as
per instructions for $\frac{1}{4}$ sec.
cor.

No trees near.

8006 Cor. to secs. 27, 28, 33 & 34.

Sand somewhat uneven.
Some good soil. Grass.
No timber.

Township

20 North

Range

16 East

Pike & Salt River

Meridian.

Chains

North, between Sections 27 and 28.

Variation

15° 02'

East.

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

Q Cottonwood, 20 in. dia. br. N. 70° W. 57' lead set
No other trees near.

8000 Set a post, marked 2 notched, 4 ft long, 3 in. sq. d., 1 ft. in the ground, drove 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. 21, 22, 27 and 28.

S No trees near.
Sand level on line. Some hills in center sec. 27. br. N. & S.

Some good soil. A few Cottonwoods on W.

BOOK 356 26
Township 20 North Range 16 East
T14 E Salt River Meridian.

Chains East, on a random line between Sections 22 and 27.
Variation $15^{\circ}02'$ East.

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

79.89 Intersect N. & S. line 15 hrs S.
of cor. to Secs. 22, 23, 26 and
27, from which cor. I run

S. 89° 54' W.

On true line between Secs. 22 & 27
var. $15^{\circ}02'$ East

39.94 Set a post, marked $\frac{1}{4}$ S. 4 ft
long, flattened 3 in wide, 1 ft
in the ground, two charred
stake and build around
at each 1 ft high with pit 1 ft
deep, 2 ft long, 1 ft wide, as
per instructions for $\frac{1}{4}$ sec.
cor.

No trees near.

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

Land mostly level. Soil
poor. Grass. No timber.

Township 20 North Range 16 East

Plat & Salt River Meridian.

Chains North, between Sections 21 and 22.

Variation 15° 12' East.

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

No trees near.

8000 Set a post, marked '8 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.

Land level, Soil 1st Rate.
No timber.

Township

20 North

Range

16 East

Tla & Salt River

Meridian.

Chains

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

Variation

15° 02'

East.

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

79.86 Intersect N. Line 17 hrs S. of
cor. to Secs. 14, 15, 22 and 23
from which cor. Draw

S. 89° 53' W.

On true line between Secs. 15 & 22.

var. 15° 02' East

39.93 Set a post, marked $\frac{1}{4}$ S. 4 ft long,
flattened 3 in wide. 1 ft in the
ground. Draw 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 $\frac{1}{4}$ sec. cor.

No trees near.

79.86 Cor to Secs. 15, 16, 21 & 22.

Land level. Soil, 1st Rate.

Grass. No timber.

August 11, 1879.

Township

20 North

Range

16 East

N 1/2 Salt River

Meridian.

Chains

North, between Sections 15 and 16.

Variation

15° 12'

East.

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

No trees near.

5000 Set a post, marked '5 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 sec. 9, 10, 15 and 16.

No trees near.

Land level. Soil st. Rate.
No timber.

Township

20 North

Range

16 East

W⁴ & Salt River

Meridian.

Chains

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

Variation $15^{\circ}02'$ East.40.00 Set temporary $\frac{1}{4}$ sec. cor.

80.11 Intersect N. & S. line 20 chs.
 S. of cor to Secs. 10, 11, 14
 and 15, from which cor.
 Draw

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

On true line between Secs. 10 & 15.

var. $15^{\circ}02'$ East

40.05 Set a post, marked $\frac{1}{4}$ S. 4 ft.
 long, flattened 3 in wide, 1 ft.
 in the ground, drove charred
 stake and build mound of
 earth 4 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.

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

Land level Soil Good.
 Grass. No timber.

Township

20 North

Range

16 East

Pike & Salt River

Meridian.

Chains

North, between Sections 9 and 10.

Variation

15° 02'

East.

4000 Run a line from stone & timber.
Drive charred stake and build
mound of earth 2 ft high,
with pits 1 ft deep, 2 ft long,
1 ft wide, as per instructions
for 14 sec. cor.

8000 Set a post, marked & notched,
4 ft long, 3 in sq. d. 1 ft in the
ground, drive charred stake
and build mound of earth 2 ft
high, with pits 1 ft deep, 2 ft
long, 1 ft wide, as per instruc-
tions for cor. to Secs. 3, 4,
9 and 10. No trees near.

Land level. Soil 1st Rate.
No timber.

Township 20 North Range 16 East

Gla & Salt River Meridian.

Chains

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

Variation $15^{\circ}12'$ East.4000 Set temporary $\frac{1}{4}$ sec. cor.79.94 Intersect N. & S. line 10 sec.
S. of cor to Secs. 2, 3, 10 and
11, from which cor. I runS. $89^{\circ}56'$ W.

Between line bet sec. 3 & 10

var. $15^{\circ}12'$ East39.94 Set apart marked $\frac{1}{4}$ S. 4 ft.
long, flattened 3 in wide, 1 ft.
in the ground, drive charred
stake and build mound of
earth 2 ft high, with pits 1 ft
deep, 2 ft long, 1 ft wide, as
per instructions for $\frac{1}{4}$ sec. cor.
No trees near.

79.94 Cor to sec. 3, 4, 9 and 10.

Sand level. Soil Good.
No timber.

Township 20 North BOOK 356 Range 16 East

Gila & Salt River

Meridian.

Chains

North, on a ~~random~~ ^{True} line, between Sections 3 and 4.

Variation 15° 02' East.

4000 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.

79.45 Intersect the 3rd Standard N. at a point 31.48 ch. N. of Standard cor. to Sec. 33 and 34. Twp. 21 N. Range 16 E.

Drive charred stake and build mound of earth 2 ft high, with pits 1 ft. deep, 2 ft long, 1 1/2 ft wide, and in center of pit 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 closing cor. to Sec. 3 & 4.

Remote from stone & timber.
Sand level. Soil good.

No timber.

Township

20 North Range 16 East
W & Salt River Meridian.

BOOK 356

34

Chains

North, between Sections 32 and 33.

Variation 15° 02' East.

40.00 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.

No trees near

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 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.
Cottonwood trees in places.

Township 20 North Range 16 East

Gila & Salt River Meridian.

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

Variation $15^{\circ}02'$ East.4000 Set temporary $\frac{1}{4}$ sec. cor.

79.85 Intersect N. & S. line 17 lns.
S. of cor. to Secs. 27, 28, 33
and 34, from which cor.
run

S. $89^{\circ}53'N$.

Put true line bet. Secs. 28 & 33

var. $15^{\circ}02'$ East

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

No trees near.

79.85 Cor. to Secs. 28, 29, 32 & 33.

Sand level Soil 1st Rate.
Some cottonwood trees.

Township 20 North Range 16 East

Plat E Salt River Meridian.

Chains North, between Sections 28 and 29.

Variation 15° 12' East.

4000 Set a post, marked 1/4 S. 4 ft long, flattened 3 in wide 1 ft in the ground. Two charred stakes 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.

53.97 Little Colorado river, 100 hrs. wide, flows S. E. and chain across.

64.30 Little Colorado river, 100 hrs. wide, flows N. of N. and chain across.

74.49 Little Colorado river, 90 hrs. wide, flows N. E. and E. and chain across.

8000 Set a post, marked & notated, 4 ft long, 3 in sq ft, 1 ft in the ground, two charred stakes 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. 20-21, 28 and 29, from which

- A Cottonwood, 10 in. dia. hrs. N. 20° W. 46 hrs. dist.
- do. " " " " N. 62° W. 155 " "

No other trees near.

Sand, uneven. Some good soil. Cottonwood trees.

Township

20 North

Range

16 East

W. & Salt River

Meridian.

Chains

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

Variation $15^{\circ} 12'$ East.

- 6.60 Little Colorado river 90 ft wide,
flows N. and chain across
- 40.00 Set temporary $\frac{1}{4}$ sec. cor.
- 80.18 Intersect N. & S. line 28. lks.
S. of cor. to Secs 21, 22, 27
and 28, from which cor. run
S. $89^{\circ} 48'$ N.
- On true line between sec. 21 & 28.
var. $15^{\circ} 12'$ East
- 40.09 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 in-
structions for $\frac{1}{4}$ sec cor.
No trees near.
- 80.18 Cor. to Secs 20, 21, 28 and 29.
- Land level mostly. Soil 1st Rate.
Some Cottonwood trees.

Township

22 North Range 16 East

Plat E Salt River Meridian.

Chains

North, between Sections 20 and 21.

Variation $15^{\circ}12'$ East.

4000 Setapost, marked 14 S. 4 ft long flattened 3 in wide 1 ft in the ground. Saw 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, 29 in. dia. 62 N. 68° E. 93 lns. dist.

do. 18 " " " N. 17° W. 199 " "

52.90 The Little Colorado river flowing from the S. E. touches the line and immediately turns N. E. The line running along the N. edge of the river bend.

73.45 Little Colorado river, 100 lns wide, flows N. W., and chain across.

8000 Setapost, marked E notched, 4 ft long, 3 in sq. d. 1 ft in the ground. Saw charred stake & build mound of earth 4 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, 26 in. dia. 62 S. 89° W. 81 lns. dist.

do. 30 " " " N. 45° W. 117 " "

No other trees near.

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

Township

20 North Range 16 East

Tla & Salt River

Meridian.

Chains

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

Variation $15^{\circ}02'$ East.

40.00 Set temporary 1/4 sec. cor.

80.12 Intersect N. & S. line 23 lks.
S. of cor. to Secs. 15, 16, 21
and 22, from which cor. Draw $S. 89^{\circ}50' W.$

Outline line between secs. 16 & 21.

var. $15^{\circ}02'$ East40.06 Set a post, marked 1/4 S. 4 ft
long, flattened 3 in. wide, 1 ft.
in the ground. Drive charred
stake and build mound of
earth 2 ft high, with pits 1 ft.
deep, 2 ft long, 1 ft wide, as per
instructions for 1/4 sec. cor.

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

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

Township 20 North Range 16 East

Gila & Salt River

Meridian.

Chains North, between Sections 16 and 17.

Variation 15° 12' 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 mounds of earth 2 ft high, with pits 1 ft deep, 2 ft long, 1 ft wide, as per instructions for 14 sec. cor.

No trees near.

8000 Set a post, marked E noletted, 4 ft long, 3 in sq, 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 cor to Secs.

8, 9, 16 and 17.

No trees near.

Sand level Soil 1st Rate.
Some Cottonwood trees.

Township 20 North Range 16 East

Gila & Salt River Meridian.

Chains

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

Variation $15^{\circ}02'$ East.4000 Set temporary $\frac{1}{4}$ sec. cor.79.82 Intersect N. & S. line 16 sec.
S. of cor. to secs. 9, 10, 15
and 16. from which cor.
Dunn.S. $89^{\circ}53'N$.On true line bet. secs. 9 & 16,
var. $15^{\circ}02'$ East39.91 Set a post, marked 4484
along, flattened 3 in. wide,
1 ft in the ground. Sec's chisel
stone and build mound of
earth 4 ft high, with pits 4 ft
deep, 2 ft long, 4 ft wide, as
per instructions for $\frac{1}{4}$ sec.
cor.

No trees near.

79.82 Cor. to secs. 8, 9, 16, & 17.
Sand level. Soil 1st Rate.
No timber.

Township 20 North Range 16 East
W & Salt River Meridian.

BOOK 356

Chains North, between Sections 8 and 9.

Variation 15° 12' East.

4000 Set a post, marked $\frac{1}{4}$ S. 4 ft. long, flattened 3 in wide, 1 ft in the ground. drive charred stake and build mounds of earth 2 ft high, with pits 1 ft deep, 2 ft long, as per instructions for $\frac{1}{4}$ sec. cor.

No trees near.

8000 Set a post, marked and notched, 4 ft long, 3 in sq. 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 cor. to secs. 4, 5, 8 and 9.

No trees near.

Sand level.

Soil st Rate -

No timber.

Township

20 North

Range

16 East

N 1/2 Salt River

Meridian.

Chains

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

Variation

15° 02' East.

40.00 Set temporary 1/4 sec cor.

80.04 Intersect N. & S. line 15 Chs.
S. of cor. to Secs. 3, 4, 9 and 10.
from which cor. Run

S 89° 54' W.

On true line between sec. 4 & 9.

var. 15° 02' East

40.03 Set a post, marked 1/4 S. 4 ft.
long, flattened 3 in wide, 1 ft.
in the ground, driven charred
stake and build mound
of earth of the high with pit
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 4, 5, 8 and 9.

Land level, Soil Good.

No timber.

Township

20th North Range 16 East

Tla E Salt River

Meridian.

Chains

North, on a ~~range~~^{True} line between Sections 4 and 5.

Variation 15° 02' East.

4000 Set a post, marked N. S. 4 ft long, flattened 3 in. wide, 1 ft. in the ground, drive chared stake & build mound a foot 2 ft high with pits 1 ft deep - 2 ft long, 1 ft wide, as per instructions for 4 sec. cor. No trees near.

79.20

Datasect 5th Standard N., at a point 31.59 chs. W. of Standard cor. to Secs. 32 and 33. Tp. 21 N. Range 16 E.

Set a post, marked and notched 4 ft long, 3 in. sq. 1 ft. in the ground, drive chared stake and build mound a foot 2 ft high with pits 1 ft deep - 2 ft long, 1 ft wide, as per instructions for closing cor. to Secs. 4 and 5. No trees near.

Land level. Soil Good.

Some Cottonwoods on the W.

August 12. 1879

Township 20 North Range 16 East
W & Salt River Meridian.

Chains North, between Sections 31 and 32.

Variation $15^{\circ} 12'$ East.

1.50 Little Colorado river 100 lbs. wide,
 flows S.E. and chain across.

40.00 Set a post, marked $\frac{1}{4}$ S. 4 ft
 long, flattened 3 in. wide, 1 ft
 in the ground, drive charred
 stake and build 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. from which
 a Cottonwood, 12 in. dia. br. N. 74° E. 289 lbs. dit
 No other trees near.

80.00 Set a post, marked $\frac{1}{2}$ notched,
 4 ft long, 3 in. sq. d. 1 ft in the
 ground, drive charred stake $\frac{1}{2}$
 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.
 Sand level. Soil 1st Rate.
 Some Cottonwood trees.

Township

20 North

Range

16 East

W & Salt River

Meridian.

Chains

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

Variation

 $15^{\circ}02'$

East.

4000 Set temporary $\frac{1}{4}$ sec. cor.63.84 Little Colorado river 90 yds wide,
flows from S. E. to N. E. and chain across80.08 Intersect N. & S. line 10 yds. S. of
cor. to Secs. 28, 29, 32 and 33.
from which cor. Run
S. $89^{\circ}56' W$.On true line between Secs. 29 & 32.
var. $15^{\circ}02'$ East40.04 Set a post, marked $\frac{1}{4}$ S. of fl. along
flattened 3 in. wide, 1 ft. in the
ground. Saw 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.
from whichA Cottonwood, 14 in. dia. trs. S. $78^{\circ} E$. 180 lbs. dia.

No other trees near.

80.08 Cor. to Secs. 29, 30, 31 and 32.

Land level. Soil 1st Rate.

Some Cottonwood trees.

Township 20 North Range 16 East

Gila & Salt River Meridian.

Chains

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

Variation $15^{\circ}02'$ East.

17.54 Road to San Francisco Mts. Co. N. & S.W.
 40.00 Set temporary $\frac{1}{4}$ sec. cor.
 78.94 Intersect N. boundary 12 chs.
 N. of cor. to secs. 30 and 31.
 from which cor. I run
 $N. 89^{\circ}55' E.$

Put true line between secs. 30 & 31.

var. $15^{\circ}02'$ East

38.94 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 instructions for $\frac{1}{4}$ sec. cor.

Notes near.

78.94 Cor. to secs. 29, 30, 31 & 32.

Land slightly ascending N.
 Soil good. Grass.
 Some Cottonwood trees.

Township

20 North

Range

16 East

Tla & Salt River

Meridian.

Chains

North, between Sections 29 and 30.

Variation

15° 02'

East.

4000 Set a post, marked $\frac{1}{4}$ S. $\frac{1}{4}$ E
long, flattened 3 in wide, 1 ft. in
the ground, drive chandel 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.

No trees near.

4500 Road to San Francisco Mts. br. N.E. & S.W.

8000 Set a post, marked and notched,
4 ft long, 3 in sq. d., 1 ft in the
ground, drive chandel 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 level soil 1st rate.
Some Cottonwoods on the E.

Township

20 North

Range

16 East

W & Salt River

Meridian.

Chains

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

Variation

15° 12' East.

- 15.00 Road to San Francisco Mts. on E. of N.
- 40.00 Set temporary 1/4 sec. cor.
- 51.34 Little Colorado river 100 yds wide,
flows N. E. and chain across
- 56.42 Little Colorado river 90 yds wide,
flows S. E. and chain across
- 79.94 Intersect N. & S. line 19 yds. S. of
cor. to secs. 20, 21, 28 and 29
from which cor. Dune
S. 89° 52' W.
- Run true line between secs. 20 & 29
var. 15° 02' East
- 39.97 Set a post, marked 1/4 S. 4 ft long
flattened 3 in wide. 1 ft in the ground,
dune 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.
- 79.94 Cor to Secs. 19, 20, 29 & 30.

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

Township 20 North Range 16 East
W & Salt River Meridian.

Chains West, on a random line between Sections 19 and 30.
Variation 15° 12' East.

4000 Set temporary 1/4 sec. cor.

4500 Leave low land, ascend on broken mesa to N.E. & S.W.

79.10 Intersect W. boundary 16 lns N. of cor to Secs. 19 and 30. from which cor. Run N. 89° 53' E. Put true line between Secs. 19 & 30. var. 15° 12' East

79.10 Set a sandstone 24 x 13 x 4 in 3/4 in the ground, marked 1/4, and on the E. 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.

79.10 Cor to Secs 19, 20, 29 & 30. Land level. Soil good then high mesa and poor. Grass. No timber.

Township 20 North Range 16 East

Gla & Salt River Meridian.

Chains North, between Sections 19 and 20.

Variation $15^{\circ} 02'$ East.

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.

No trees near.

80.00 Set a post, marked Enclosed, 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 17, 18, 19, and 20.

No trees near.

Sand level.

Soil 1st Rate.

Grass. No timber.

Township 20 North Range 16 East
W. & Salt River Meridian.

Chains

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

Variation 15° 02' East.

- 35.00 Road to San Francisco Mts. bro. N. & S.
 40.00 Set temporary $\frac{1}{4}$ sec. cor.
 64.56 Little Colorado river 100 ft wide,
 flows N. of N. then N.E. And chain across.
 79.88 Intersect N. & S. line 7 hrs. S. of
 cor. to Secs. 16, 17, 20 and 21,
 from which cor. Run
 S. 89° 57' W.

Outline line between Secs. 17 & 20.

var. 15° 02' East

- 39.94 Set a post, marked $\frac{1}{4}$ S. of along
 flattened 3 in wide. fl. in the
 ground. Drive chared stake
 and build mound of earth
 of height with pits 1 ft deep 2
 ft long, 1 ft wide, as per in-
 structions for $\frac{1}{4}$ sec. cor.

No trees near.

- 79.88 Cor. to Secs. 17, 18, 19 & 20.

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

Township 20 North Range 16 East

Gila & Salt River Meridian.

Chains

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

Variation $15^{\circ}02'$ East.

- 30.00 Leave low land, ascend on
broken mesa, br. N. of S. E. N.
- 4000 Set temporary $\frac{1}{4}$ sec. cor.
- 78.98 Intersect N. boundary 15 lks.
N. of cor. to secs. 18 and 19,
from which cor. Run
N. $89^{\circ}54' E.$
On true line bet. secs. 18 & 19.
var. $15^{\circ}02' E.$
- 38.98 Set a post, marked $\frac{1}{4}$ S. 4 ft.
long, flattened 3 in wide, 1 ft. in
the ground, drive charred stake
and build mound of earth
2 ft high, with pits 1 ft deep, 2
ft. long, 1 ft wide, as per in-
structions for $\frac{1}{4}$ sec. cor.
No trees near.
- 78.98 Cor to Secs 17, 18, 19 & 20.
Land mostly high mesa.
Soil poor. Grass. No timber.

Township 20 Nth Range 16 East
Tila & Salt River Meridian.

Chains

North, between Sections 17 and 18.

Variation $15^{\circ} 02'$ East.

4000 Set a post, marked $1/4$ S. 4 ft. long, flattened 3 in wide, 1 ft. in the ground, driven charr'd 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. 1 ft in the ground, driven charr'd 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. 7 , 8 , 17 and 18 .

No trees near.

Sand uneven.

Soil Good.

Grass. No timber.

Township

20 North

Range

16 East

W⁴E Salt River

Meridian.

Chains

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

Variation $15^{\circ} 12'$ East.

11.41 Road to San Francisco Mts. br. N. of N. & N.W.

23.50 Little Colorado river 120 lbs. wide,
flows N. & N. E. And chain across4000 Set temporary $\frac{1}{4}$ sec. cor.79.96 Intersect N. & S. line 21 lbs. S.
of cor. to Secs. 8, 9, 16, and 17,
from which cor. Run
S. $89^{\circ} 51' W.$ On true line bet sec. 8 & 17.
var. $15^{\circ} 12'$ East39.98 Set a post, marked $\frac{1}{4}$ S. 4 ft long,
flattened 3 in wide, 1 ft in the
ground. Two chained stakes and
candle mounds 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.

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

Sand level Soil 1st Rate,
Some Cottonwood trees.

Township

20 North Range 16 East

T14 E Salt River

Meridian.

Chains

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

Variation $15^{\circ}02'$ East.4000 Set temporary $\frac{1}{4}$ sec. cor.79.00 Intersect N. boundary 10 hrs.
N. of cor. to Secs 7 and 18.
from which cor. Issue $N. 89^{\circ}56' E.$

On true line bet. sec. 7 & 18.

var. $15^{\circ}02' E.$ 39.00 Set a post, marked $\frac{1}{4}$ S. 4 ft.
long, flattened 3 in wide, 1 ft. in
the ground, drove chanced 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.

No trees near.

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

Land uneven E. low and flat W.
Soil 1st rate. No timber.

Township

Range

24 North 16 East

W⁴/₄ Salt River

Meridian.

Chains

North, between Sections 7 and 8.

Variation 15° 12' East.

- 19.00 Road to San Francisco Mts. Crs. N.W.
- 240.00 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.
- 8000 Set a post, marked & notched, 4 ft long, 3 in sq. 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 cor. to Secs. 5, 6, 7 and 8, from which
- A Cottonwood, 24 in dia. Crs. S. 73° E. 173 lns. dist
do. 28 " " N. 20° W. 92 " "
- No other trees near.
- Land level. Soil 1st Rate -
Some Cottonwood trees.

Township

20 North Range 16 East

N. E. Salt River

Meridian.

Chains

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

Variation $15^{\circ} 02'$ East.

26.00 Little Colorado river, 100 ft wide,
flow E. of N. chain across.

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

79.92 Intersect N. & S. line 18 Mo.
S. of cor. to Secs. 4, 5, 8 and
9, from which cor. Run

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

On true line between Secs. 5 & 8.

var. $15^{\circ} 02'$ East

39.96 Set apart, marked $1/4$ S. 4 ft
long, flattened 3 in wide, 4 ft
in the ground. Drive chanced
stake and build mound of
earth 2 ft high, with pit 1 ft
deep, 2 ft long, 1 ft wide as per
instructions for $1/4$ sec. cor.

No trees near.

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

Land level. Soil 1st Rate.
Cottonwood trees.

August 13, 1879.

Township

20 North Range 16 East

W. & Salt River

Meridian.

Chains

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

Variation

15° 02' East.

4000 Set temporary 1/4 sec. cor.
 61.00 Road to San Francisco Mt. Co. N.W.
 79.24 Intersect N. boundary 25 Chs.
 N. of cor. to secs. 6 and 7, from
 which cor. I run.

N. 89° 49' E.

True line between sec. 6 & 7.

var. 15° 02' East

39.24 Set a post, marked 1/4 S. 4 ft.
 long, flattened 3/4 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 in-
 structions for 1/4 sec. cor.

No trees near.

79.24 Cor. to secs. 5, 6, 7 and 8.

Land level. Soil good.
 Grass. Some Cottonwood
 trees.

Township

20 North Range 16 East

Meridian.

N. & Salt River

Chains

North, on a ^{True} ~~line~~ line between Sections 5 and 6.Variation $15^{\circ} 12'$ East.

29.00 Little Colorado river, 90 lvs. wide,
flows N.W. And chain across
4000 Set a post, marked $\frac{1}{4}$ S. 4 ft long,
flattened 3 in wide. 1 ft. in the
ground, drive charred stake and
build mound of earth 2 ft high
with pits 1 ft deep. 2 ft long. 1 ft wide,
as per instructions for $\frac{1}{4}$ sec. cor.
No trees near.

52.00 Little Colorado river 100 lvs. wide
flows N.E. And chain across.

79.08 Intersect 5th Standard N. at a point
36.40 chs. W. of Standard Cor. Secs. 31 & 32,
T_p. 21 N. 16 E. Set a post, marked & notched
4 ft long. 3 in sq. 1 ft. in the ground. drive
charred stake & build mound of earth
2 ft high, with pits 1 ft deep. 2 ft long. $\frac{1}{2}$
ft wide, as per instructions for closing
cor. to secs. 5 & 6. from which
a Cottonwood, 5 in. dia. br. S. 50° E. 27 lvs. dist.
do. 4 " " " S. 35° E. 25 " "
Sand level. Soil 1st Rate Cotton-
wood trees.

August 14. 1879.

GENERAL DESCRIPTION.

Township 20 N. Range 16 E. is largely composed of fine agricultural land, lying flat and level and easily to be irrigated.

The Little Colorado river flows through the entire length of the township from S. to N. and contains a large volume of water accessible for the purpose of irrigation.

There is considerable Cottonwood along the river but no timber elsewhere in the township.

I found no mineral in the township.

Jos. L. Harris
U.S. Geol. Survey

BOOK 356
List of Names.

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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 20 North
Range 16 East of the
P. & S. Salt River Me-
ridian Arizona

Showing the respective capacities in which they
acted.

Richard Sheape Chainman.

Geo. McNeal Chainman,

B. Palm } Axeman.
J. C. Lindsey }

Evarest Saing Flagman.

Final Oath of Assistants.

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

The Subdivision Lines of Township 20 North Range 16 East of the 1st & 2nd Salt River Meridian Arizona

and that said Survey has been in all respects, to the best of our knowledge and belief, well and faithfully executed, and the boundary monuments planted according to the instructions furnished by the Surveyor-General.

Richard Shreff Chairman.
Geo Mc Neal Chairman,

B Palm Axeman.

J. B. Lindsey Assessor.

Evaresto Tainz 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 20 North
Range 16 East of
the Gila & Salt River
Meridian, Arizona,

as are represented in the foregoing Field Notes as having been surveyed under my directions; and I do further solemnly swear that all the corners of said surveys have been established and perpetuated in strict accordance with the Surveying Manual and printed instructions, and also in accordance with the additional requirements con-

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.

W. L. Harris

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,

Tucson, A. T.

November 8, 1879

The foregoing Field Notes of the surveys of
the Subdivision Lines of
Township 20 North
Range 16 East,
Gila and Salt River Meridian

in the Territory of Arizona executed by

John L. Hearnis.

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 Masson.

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