

^{P. 1}
~~See Indry~~
1637

Field Notes

OF THE SURVEY OF **BOOK** 1637

1637

The Exterior Lines of
Tps. 5 S., Rq. 14 W.,
Tps. 6 S., Rq. 14 ^{and} 13 W.,
Tps. 7 S., Rq. 14 ^{and} 13 W.,
Tps. 8 S., Rq. 13 W.

Gila and Salt River Base and Meridian

ARIZONA.

By Theodore F. White, D. S.

Under contract dated Dec. 28, 1877.

Survey commenced March 17, 1877.

Survey completed April 6, 1877.

1A

BOOK 1637

Preliminary Oaths of Assistants.

We, *Urbain Bessard*
and *E. O. Smith*

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.

Urbain Bessard

E. O. Smith

Sworn to and subscribed before me, this *9th*
day of *January*, 1877.

John P. Faull
Notary Public

We, Allan Bernard and
Fred. C. Jones

do solemnly swear that we will well and truly per-
form the duties of Flagman and
Aceman respectively
according to instructions given us, and to the best
of our skill and ability.

Allan Bernard
Fred. C. Jones

Sworn to and subscribed before me this 9
day of January, 1877.

John R. Faull

Notary Public

gc
1
5
12
19
26
32
39
45
51
57
64
71



BOOK 1637

D.S.P.R. 15 21

D.S.P.R. 14 21

244

20-3

BOOK 1637

361

766 1316

757 12307

7418 *D.S.P.R. 15 21* 132918 *D.S.P.R. 14 21*

7319 242819

7230 252730

7131 32 33 34 35 36 31 32 33 34 35 36
~~90 69 68 67 66 64 25 24 23 22 20 19~~
 63 6 5 4 3 2 1 18 6 5 4 3 2 1

627 12177

6018 *D.S.P.R. 15 21* 131618 *D.S.P.R. 14 21*

6019 241579

5930 251830

5731 32 33 34 35 36 12 31 32 33 34 35 36
~~37 36 35 34 33 32 10 9 8 7 6 5~~
 39 6 5 4 3 2 1 6 5 4 3 2 1

407

4118 *D.S.P.R. 15 21* *D.S.P.R. 14 21*

4219

41330 252230

41 31 32 33 34 35 36 131
~~45 46 47 48 49 50~~

Sec Index
1637

R's 13+14 W T S S		Page
Ret - T _o	5 S; R's 13 + 14 W	1
" - "	7 + 8 " " 14 W	5
" - "	R's 14 + 15 W T S 14 + 15	12
" - "	6 + 7 " " 14 W	19
" - "	6 " " 14 + 15	26
" - "	7 + 8 " " 15	32
" - "	8 " " 15 + 16	39
" - "	8 + 9 " " 15	45
" - "	8 " " 14 + 15	51
" - "	7 " " 15 + 16	57
" - "	6 + 7 " " 15	64
" - "	6 " " 15 + 16	71

Between Tps. 5 S. Rgs. 13 & 14 N.
Gila & Salt River Meridian

30. Survey commenced March 17, 1877.
I begin at the Standard cor. to
Tps. 5 S. ranges 13 and 14 N., said
cor. having been established by my-
self in former surveys. I find it
standing as originally made, it be-
ing a post with mound of earth
and pits E. N. & N., and from which
Apaleude, 4 in. dia. brs. N. $71\frac{1}{2}^{\circ}$ E. 111 brs. dist.
do. 3 " " " S. 23° N. 71 " "
do. 4 " " " S. $31\frac{1}{2}^{\circ}$ E. 143. "do. 10 " " " S. $\frac{1}{2}^{\circ}$ N. 73 " "

From this cor. I run

North between secs. 31 & 32.
var. $14^{\circ} 49'$ East.

As per Burt's improved solar compass.

40.00 Set a post, marked 4 S. 4 ft.
long, flattened 3 in. wide, 1 ft.
in the ground, drive charred
stake and build mound of
earth 2 ft. high, with pit

Between Tps. 5 S. Rgs. 13 & 14 W.
Gila and Salt River Meridian

No. 1 ft. deep, 2 ft. long, 1 ft. wide, as
per instructions, for 1/4 sec. cor.
from which
A pale verde, 6 in. dia. base. West, 70 lbs. dist.

No other 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 of earth 2 ft. high,
with pits 1 ft. deep, 2 ft. long, 1 ft.
wide, as per instructions for cor.
to secs. 25, 30, 31 and 36.

from which

A pale verde, 3 in. dia. base. South 58 lbs. dist.

do. 7 " " " N. 80° E. 61 " "

No other trees near.

Land level and slightly as-
cending. Scattering trees.

Between Tps. 5 S. Rps 13 & 14 N.
Gila and Salt River Meridian

- No. North between secs. 25 & 30.
Cor. 140° 49' East
- 39.00 Foot of rocky hill and ascend.
- 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 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 pale verde, 6 in. dia. bns. N. 82° E. 92 lbs. dist. Pass over hill.
- 80.00 Set a volcanic rock 13 x 8 x 6 in 2/3 in the ground, notched S. and N. and on 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. 19, 24, 25 and 30.
- No trees near.
Land rocky & hilly. Soil poor. A few trees.

Between Tps. 5 S. Rps. 13 & 14 N.

Gila and Salt River Meridian

Sec. North between secs. 19 & 24.
 var. 14° 49' East

40.00 Set a volcanic rock 12 x 7 x 7 inches,
 $\frac{2}{3}$ in the ground, marked $\frac{1}{4}$ and
 on N. build mound of earth 2 ft.
 high, with pit 1 ft. deep, 2 ft. long, 1 ft.
 wide, as per instructions for $\frac{1}{4}$
 sec. cor. No trees near.

80.00 Set a volcanic rock, 13 x 9 x 6 in.
 $\frac{2}{3}$ in the ground, notched S. & N.
 and on N. 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.
 13, 18, 19 and 24. No trees near.
 Land mountainous. Soil worthless.
 No timber.

Further N. the line is impractica-
 ble on account of rough, precipi-
 tuous mountains.

Between Tps. 7 & 8 S. Range 14 W.
Gila and Salt River Meridian

Survey commenced March 17, 1877.
This. Begin at the cor. to Tps. 7 S. ranges
13 and 14 W. This cor. I find stand-
ing as established by myself un-
der my contract of December
7, 1876, it being a post with a
mound of earth and pits,
and no trees near.

From this cor. I run

West between secs. 1 & 36,
var. $14^{\circ} 46'$ East

As per Burt's improved solar compass

40.00

Remove from stone or timber.

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.

80.00

Set a post, marked and
notched, 4 ft long 3 in. sq'a

Between Tps. 7 & 8 S. Range 14 W.
Gila and Salt River Meridian

Ps. 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. 1, 2, 3, 5 and 36. No trees near. Land level. Soil good. No timber.

Nest between sec. 2 & 35.

var. $14^{\circ}46'$ East.

40.00 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 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.

80.00 Set a post, marked and notched $\frac{1}{4}$ ft long, 3 in. sqd., 1 ft. in the ground, drive charred stake and build mound of earth 2 ft high, with

Between Tps 7 & 8 S. Range 14 W
Gila and Salt River Meridian

This pits 1 ft deep, 2 ft long, 1 ft wide,
as per instructions for cor to Secs
2, 3, 34 and 35. No trees near
Land level. Soil good. No timber.

West between secs. 3 & 34.

var. $14^{\circ}46'$ East

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.

80.00 Set a post, marked and
notched 4 ft long, 3 in. sq'd.
1 ft in the ground, drive a
charred stake and build

Between Tps. 7 & 8 S. Range 14 W.
Gila and Salt River Meridian

Chs. mounds of earth 2 ft high, with
pits 1 ft deep, 2 ft long, 1 ft wide,
as per instructions for cor. to
secs. 3, 4, 33 and 34.

No trees near.

Land level. Soil good. No timber.

West between secs. 4 & 33.
var. $14^{\circ} 46'$ East.

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.

80.00 Set a post, marked and notched,
4 ft long, 3 in. sqd. 1 ft in the
ground, drive charred stake

9 Between Tps. 7 & 8 S. Range 14 W.
Gila & Salt River Meridian

Sh. 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, 32 & 33, from which
Armesquite 7 in. dia. bears S. 13° W. 242 lns. dist.
No other trees near.
Land level. Soil good. No timber.

Nest between secs. 5 & 32.

var. 14° 46' East

40.00 Set a post, marked $\frac{1}{4}$ S. 4 ft long,
flattened 3 in. wide, 1 ft in the
ground, drive 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 $\frac{1}{4}$
sec. cor. No trees near.

80.00 Set a post, marked and notched
4 ft long, 3 in. sq. d. 1 ft in the

Between Tps. 7 & 8 S. Range 147 W.
Gila and Salt River Meridian

Ths ground, drive charred stakes
and build mounds of earth
2 ft high, with pits 1 ft deep,
2 ft long, 1 ft wide, as per in-
structions, for cor. to Secs.
5, 6, 31 and 32. No trees near.
Land level. Soil good. No timber.
Considerable mesquite brush.

Nest between secs. 6 & 31.
var. $14^{\circ}46'$ East.

36.00 Enter lower bottom land.

40.00 Set a post, marked $\frac{1}{4}$ S. 4 ft
long, flattened 3 in. wide, 1 ft in
the ground, drive charred stakes
and build mounds 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.

78.62 Allowing 1.38 chs. for corner -

Between Tps. 7 & 8 S. Rgs. 14 W.
Gila & Salt River Meridian

7210
X 10
P.S. gency, - Set a post, marked
and notched, 4 ft long, 4 in.
sq'd. 1 ft in the ground, drive
charred stake and build a
mound of earth $2\frac{1}{2}$ ft high,
with pits 1 ft deep, 2 ft long,
1 ft wide, as per instructions
for cor. to Tps. 7 & 8 S. Rgs. 14 and
15 W. No trees near.

Land level. Soil good. No timber.

Between Tps. 7 S. Rgs. 14 & 15 W.
Gila & Salt River Meridian

Rs. From the cor. to Tps. 7 & 8 S., Rgs. 14 & 15 W. Run
North between secs. 31 & 36.
var. $14^{\circ}50'$ East.

As per Brant's improved solar compass
40.00 Set a post, marked '4 S. 4 ft.
long, flattened 3 in. wide, 1 ft.
in the ground, drive charred
stake and build mound of
earth 2 ft high, with 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 & scratched, 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. 25, 30, 31 & 36. No trees near.
Land level. Soil rich. No timber.

Between Tps. 7 S. Rps. 14 & 15 W.
Gela and Salt River Meridian

No. North between secs. 25 & 30.
Var. $14^{\circ}50'$ East

20.10 Yuma road cor. N.

21.50 Old river bank cor. N.

40.00 Set a post, marked 45. 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. Notes near

57.35 Bank of river, cor. S. of N. Set a post, marked, 4 ft long, 3 in sq. d. 1 ft in the ground, drive charred stake and build mound of earth 2 ft high, taken from 1 pit on line S. for cor. to fractional secs. 25 and 30.

Drive set flag on line on opposite bank of river and measure off a base 200 hrs. E. to point whence flag cor. N. $9^{\circ}24'$ N. making distance

Between Tps. 7 S. Rps. 14 & 15 W.

Gila and Salt River Meridian

No. across stream, on line, 12.08 chs.

69.43 To right bank of river. Set a post, 4 ft long, 3 in. sq. d. marked, 4 ft in the ground, drive charred stake and build mound of earth 2 ft high, with pit on line N. for cor. to fractional secs. 25 and 30.

80.00 Set a post, marked and notched, 4 ft long, 3 in. sq. d. 4 ft in the ground, drive charred stake and build mound of earth 2 ft high, with pit 1 ft deep, 2 ft long, 4 ft wide, as per instructions for cor. to secs. 19, 24, 25 and 30, from which

A willow, 4 in. dia. base North 12 lns. dist

do. 4 " " " S. 30° N. 11 " "

do. 5 " " " S. 45° E. 35 " "

Land rich river bottom. Scattering trees.

Between Tps. 7 S. Rps. 14 & 15 W.
Gila and Salt River Meridian

No. North between secs. 19 & 24.
var. 14° 50' East

40.00 Set a post, marked 7/4 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 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 of earth 1 ft high, with
pits 1 ft deep, 2 ft long, 1 ft wide,
as per instructions for cor. to Secs.
13, 18, 19 and 24, from which
a Cottonwood, 12 in. dia. base East 210 lbs. dist.
No other trees near.
Land level. Soil rich. A few trees.

Between Tps. 7 S. Rgs. 14^e & 15^W.
Gila and Salt River Meridian

No. North between secs. 13^e & 18.
var. 14° 50' East

40.00 Set a post, marked 14 S. 4 ft long,
flattened 3 in. wide, 1 ft in the
ground, drive charred stakes 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. from which

Amesquite 7 in. dia. var. S. 86° W. 277 lvs. dist.

64.40 Road var. S. W.

80.00 Set a post, marked & notched,
4 ft long, 3 in. sqd. 1 ft in the ground,
drive charred stakes and build
mounds of earth 2 ft high with pits 1 ft
deep, 2 ft long, 1 ft wide, as per instruc-
tions, for cor. to secs. 7, 12, 13 & 18. from which

Amesquite 7 in. dia. var. S. 40° E. 13 lvs. dist.
do. 13 " " " N. 65° E. 21 " "

Land level. Soil good. Scattering
mesquite timber. March 17, 1877.

Between Tps. 7 S. Rgs. 14 & 15 N.
Gila and Salt River Meridian

Chs. North between secs. 7 & 12.

var. $14^{\circ}50'$ East

40.00 Set a post, marked 14 S. + ft long,
flattened 3 in. wide, 1 ft in the
ground. Drive charred stake and
build mound of earth 2 ft high,
with pits 1 ft deep, 2 ft long, 1 ft wide,
as per instructions, for 14 sec. cor. from which
Amesquite, 5 in. dia. br. South, 8 lvs. dist.

do. 5 " " North, 9 " "

80.00 Set a post, marked and notched,
4 ft long, 3 in. sqd. 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. 1, 6,
7 and 12. from which
Apalo verde, 5 in. dia. br. 150° N. 96 lvs. dist.
Land level. Soil good. Scatter-
ing trees.

Between Tps. 7 S. Rgs. 14 & 15 N.

Gila and Salt River Meridian

Tps. North between secs. 1 & 2
var. $14^{\circ}50'$ East

40.00 Set a post, marked 74 S. $4\frac{1}{2}$ ft long, flattened 3 in wide, $1\frac{1}{2}$ ft in the ground, drive charred stake and build mound of earth $1\frac{1}{2}$ ft high, with pits $1\frac{1}{2}$ ft deep, 2 ft long, $1\frac{1}{2}$ ft wide, as per instructions for 74 sec. cor. No trees near.

80.00 Set a post, marked and notched, $4\frac{1}{2}$ ft long, 4 in. sq. d. $1\frac{1}{2}$ ft in the ground, drive charred stake and build mound of earth $2\frac{1}{2}$ ft high with pits $1\frac{1}{2}$ ft deep, 2 ft long, $1\frac{1}{2}$ ft wide, as per instructions for cor. to townships 6 and 7 S. Ranges 14 and 15 N. No trees near. Land level. Soil good. Scattering trees.

Between Tps. 6 & 7 S. Range 14 N.
Gila and Salt River Meridian

Ths. From the cor. to Tps. 6 & 7 S. ranges 14 & 15 N.
I run, - East, on random line along the
N. boundary of secs. 6. 5. 4. 3. 2 and 1.
var. 15° East

As per Reut's improved solar compass.
I set temporary half mile and mile
posts at every 40 and 80 chs, and
at 5 miles and 78.40 chs. inter-
sect at a point 75 lcs. N. of cor.
to Tps. 6 & 7 S. ranges 13 and 14 N.
The correction for true line will
therefore be 160 lcs. N., and
 $12\frac{1}{2}$ lcs. S. per mile and from
the cor. to Tps. 6 and 7 S. ranges
13 and 14 N. I run
N. $89^{\circ} 55'$ N.

In true line between secs 1 & 36.
var. 15° East

40.00 Set a post, marked 14 S. 4 fl. long, flat-
tened 3 in. wide, of fl. in the ground.

Between Tps. 6 & 7 S. Range 14 W.
Gila and Salt River Meridian

- No. 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. from which
A cottonwood, 9 in. dia. brs S. 35° E. 22 brs. dist.
do. 8 " " " East. 25 " "
- 72.80 Old river bank brs. S. W.
- 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
pits 1 ft deep, 2 ft long, 1 ft wide, as per
instructions for cor. to sec. 1, 2, 35
and 36. No trees near.
Land level. Soil good. Scatter-
ing trees.

N. 89° 55' W.

On true line between sec. 2 & 35.
var. 15° East.

Between Tps. 6 & 7 S. Range 14 W.
Gila and Salt River Meridian

Rs. Continued.

- 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. from which a mesquite 6 in. dia. bears S. 60° W. 256 lbs. dist.
- 55.65 Old road bns. S. N.
- 80.00 Set a post, marked and 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. 2, 3, 34 and 35.
No trees near.
Land level. Soil good. Scattered trees.
-

Between Tps. 6 & 7 S. Range 14 N.
Gila and Salt River Meridian

Sec. N. 89° 55' W.

On true line between sec. 3 & 33
var. 15° East

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 instruc-
tions for 14 sec. cor. No trees near.

80.00 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 Sec.
3, 4, 33 and 34.

No trees near.

Land level. Soil good. A few
trees.

Between Tps. 6 & 7 S. Range 14 W.

Gila and Salt River Meridian

No. N. 89° 55' W.

On true line between sec. 4 & 33
var. 15° East

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.
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 of earth 2 ft. high,
with pits 1 ft. deep, 2 ft. long, 1 ft. wide,
as per instructions for cor. to sec.
4. 5. 32 and 33. No trees near.
Land level. Soil good.
No timber.

Between Tps. 6 & 7 S. Range 14 N.
Gila and Salt River Meridian

Chs. N. 89° 55' W.

On true line between secs. 5 & 32.
var. 15° East

40.00 Set a post, marked 14 S. 4 ft long,
flattened 3 in. wide, 1 ft in the ground,
drive charred stakes 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.

80.00 Set a post, marked & notched, 4 ft
long, 3 in. sqd., 1 ft in the ground, drive charred
stakes & build mound of earth 2 ft high
with pits 1 ft deep, 2 ft long, 1 ft wide, as per
instructions for cor. to secs. 5-6-31 & 32.
from which

A mesquite, 4 in. dia. br. South 37° East

do. 3 " " " S. 60° W. 27 " "

Land level. Soil good. Scattered trees.

Between Tps. 6 & 7 S. Range 14 N.

Gila and Salt River Meridian

No. N. 89° 55' W.

On true line between secs 6 & 31.

Var. 15° East.

40.01 Set a post, marked 4 S. 4 ft long,
flattened 3 in. wide, 1 ft in the ground,
drive charr'd 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.

78.40 Cor. to Tps. 6 and 7 S. ranges
14 and 15 N.

Land level. Soil good. A few
trees.

March 19. 1877.

Between Tps. 6 S. Rgs. 14 & 15 N.

Gila and Salt River Meridian

Survey commenced March 23, 1877.

No. From the ^{Co.} to Tps. 6 & 7 S. Rgs. 14 & 15 N. Run
North between secs. 31 & 36.

var. 15° East

Used Burt's improved solar compass.

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
 $1/4$ 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 of earth 2 ft high
with pits 1 ft deep, 2 ft long, 1 ft
wide, as per instructions for
cor to secs 25, 30, 31 and 36.

No trees near.

Land level. Soil good. No timber.

Between Tps. 6 S. Rgs. 14 & 15 W.

Gila and Salt River Meridian

Rs North between secs. 25 & 30.
var. 15° East.

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 & build mound of earth 2 ft high with pits 1 ft deep, 2 ft long, 1 ft wide, as per instructions for $\frac{1}{4}$ sec. cor. No trees near.

80.00 Set a post, marked 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. 19 N. 25 and 30. No trees near. Land level. Soil good. No timber.

Between Tps. 6 S. Rps. 14 & 15 N.
Gila and Salt River Meridian

To North between secs. 19 & 24.
var. 15° East
40.00 Set a post, marked 4 S. 4 ft
long, flattened 3 in. wide, 1 ft
in the ground, drive charred
stake and build mound of
earth 2 ft high, with pits 1 ft deep,
2 ft long, 1 ft wide, as per instruc-
tions for 1/4 sec. cor. from which
pole runs, 10 in. dia. bas. S. 65° W. 242 cor. dist.
No other trees near.

50.00 Drive charred stake & 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. sqd. 1 ft in
the ground, as per instructions for cor.
to secs. 13, 18, 19 & 24. No stones or
timber. Land level. Soil good.

Between Tps. 6 S. Rgs. 14th & 15th.
Gila and Salt River Meridian

To North between secs. 13th & 18.

cor. 15th East

40.00 Set a post, marked 14 S. 4 ft long,
flattened 3 in. wide, 1 ft in the
ground, drive charred stakes 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.

80.00 Set a post, marked and notched,
4 ft long, 3 in. sq. 1 ft in the ground,
drive charred 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. 7, 12, 13 and 18.
No trees near.

Land level. Soil good. No timber

Between Tps. 6 S. Rgs. 14 & 15 W.
Gila and Salt River Meridian

40.00 North between sec. 7 & 12.
var. 15° East
Drive chared 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.

80.00 Drive chared stake & 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. cor. drive a stake marked and notched, 2 ft long, 2 in sq. 1 ft in the ground, as per instructions for cor. to sec. 1, 6, 7 & 12.

Land level. Soil good.
Destitute of stave & timber.

Between Tps. 6 S. Rgs. 14 & 15 N.
Gila and Salt River Meridian

Run North on true line bet. sec. 1 & 6.
var. 15° East

40.00 Drive charred stake and build mound
of earth 2 ft. high, with pit 4 ft. deep, 2
ft. long, 4 ft. wide, as per instruction for
1/4 sec. cor.

80.59 Intersect first Standard Parallel
S. 21. 15 ch. E. a post standard cor. to
Tps. 5 S. ranges 14 and 15 N.

Set a post, marked and notched,
4 1/2 ft. long, 4 in. sq'd., 1 ft. in the
ground, drive charred stake and
build mound of earth 2 1/2 ft. high,
with pit 1 ft. deep, 3 ft. long, 1 1/2 ft. wide,
as per instructions for closing
cor. to Tps. 6 S. ranges 14 & 15
N. No trees near.

Land level. Soil poor. No timber
March 23. 1877.

Between Tps. 7 & 8 S. Range 15 W.
Gila and Salt River Meridian

Survey commenced March 28, 1877.
From the cor., (established by myself in these
present surveys,) to Tps. 7 & 8 S. ranges 14
and 15 W., June

West on true line bet. secs. 1 & 36.
var. $14^{\circ}50'$ East

A. J. Burt's improved solar compass

36.80 Arroyo, 25 lvs. wide, bas. N. W.

40.00 Set a post, marked 4 S. 4 ft long, flattened 3 in.
wide, 1 ft in the ground, drive charred stake
and build mound of earth 2 ft high, with
pits 1 ft deep, 2 ft long, 1 ft wide, a few inches
taper for 4 sec. cor. Notice near.

58.40 Arroyo, 180 lvs. wide, bas. N.

78.40 Arroyo, 125 " " " N.

80.00 Set a post, marked & notched, 4 ft long, 3
in. sq. 1 ft in the ground, drive charred stake and
build mound of earth 2 ft high, with pits 1 ft deep,
2 ft long, 1 ft wide, for cor. to sec. 1, 2, 35 & 36. found also
a pale verde, 5 in. diam. N. $37^{\circ}E$. 50 lvs. dist.
do. 5 " " " S. $62^{\circ}W$. 100 " "
a pale ferra, 9 " " " S. $59^{\circ}E$. 98 " "
Land uneven. Soil poor. Scattering trees.

Between Tps. 7th & 8th S. Range 15th W.
Gila and Salt River Meridian

No. 11 Continuation bet sees. - 2 & 35.

var. 144° 50' East.

10.00 Ascend ridge of mountain.

Pass over high rocky ridge of mountain.

40.00 Set a volcanic rock, 13 x 8 x 6 inches, $\frac{2}{3}$
in the ground, marked $\frac{1}{4}$, and on
N. build mound of stones 2 ft high
as per instructions for $\frac{1}{4}$ sec. cor.
No trees near.

80.00 Set a volcanic rock, 14 x 8 x 5 in-
ches, $\frac{1}{3}$ in the ground, notched
E. and W. and on N. build a
mound of stones 2 ft high, as
per instructions for cor. to Secs.
2, 3, 34 and 35.

No trees near.

Land rough and rocky. No timber.

Between Tps. 7 & 8 S. Range 15 W.

Gila and Salt River Meridian

No. West on true line bet. secs. 3 & 34.
 var. $14^{\circ}50'$ East

Second N. slope of mountain.

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 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.

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 pits 1 ft deep, 2 ft long,
 1 ft wide, as per instructions for
 cor. to Secs. 3, 4, 33 & 34, from which
 a pale is run, 10 in. dia. to N. 23° E. 139 lbs dist.
 do. 8 " " S. 79° E. 190 " "
 Land level on last end. Scattered trees.

Between Tps. 7^e & 8 S. Range 15 W.
Gila and Salt River Meridian

S. Westmonte line bet. sec. 4 & 33.
rur. $14^{\circ}50'$ East

40.00 Set a post, marked $\frac{1}{4}$ S. 4 ft. long, flattened 3
in. wide, 1 ft. in the ground, drive chisel stone
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.

46.00 Sand bank and descend.

47.00 Enter lower bottom land.

48.00 Yuma road bet. S. W.

48.50 Fence and enter cultivated ground.

63.00 Mochawee Station about 25 Chs. South.

64.85 Leave cultivated field.

68.00 Old bank of river.

80.00 Set a post, marked and notched, 4 ft.
long, 3 in. sq. 1 ft. in the ground, drive chisel
stone & 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, 32 & 33, from which

A Cottonwood, 12 in. dia. bet. S. 80° E. 373 lns. dist.

do. 12 " " " N. 80° E. 380 " "

Land level. Soil rich. Scattering trees

Between Tps. 7 & 8 S. Range 15 N.

Gila and Salt River Meridian

No. West on true line between sec. 5 & 32.

var. $14^{\circ} 50'$ East.

40.00 Set a post, marked 14 S. 4 ft long, flattened
 3 in. wide, 1 ft in the ground, drive charred
 stakes & build mound of earth 2 ft high
 with pits 1 ft deep, 2 ft long, 1 ft wide, as
 per instructions for 14 sec. cor. from which
 Cottonwood, 8 in. dia. tree, N. 60° W. 22 hrs. dist.

A Willow, 6 " " S. 55° E. 50 " "

80.00 Set a post, marked and notched, 4
 ft long, 3 in. sq. d. 1 ft. in the ground,
 drive 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. 5, 6-31 and
 32. No trees near.

Land bordering river and sub-
 ject to overflow.

Between Tps. 7 & 8 S. Range 15 W.
Gila and Salt River Meridian

Pro. West. on true line between sec. 6 & 31.

var. 14050' East

6.71 To a bend in the left bank of the river;
offset S. 10 chs. to avoid bend.

140.00 Set back to line, N. 10 chs. and set a post
marked 14 S. 4 ft. long, flattened 3 in. wide,
1 ft. in the ground, drive charred stake and
build mound of earth 2 ft. high, with pits
1 ft. deep, 2 ft. long, 1 ft. wide, as per instructions
for 14 sec. cor. from which

Amesquite, 8 in. dia. hrs. S. 65° E. 210 lbs. dist.

do. 7 " " N. 85° W. 255 " "

78.59 Allowing here 141 lbs. for emergency -
Set a post, marked & notched, 4 1/2 ft. long, 4 in. sq. dia.,
1 ft. in the ground, drive charred stake & build mound
of earth 2 1/2 ft. high, with pits 1 ft. deep, 2 ft. long, 1 1/2 ft. wide
as per instructions for cor. to Tps. 7 & 8 S. Rgs. 15 & 16 W. from which

A willow, 6 in. dia. hrs. S. 36 1/2° W. 45 lbs. dist.

a Cottonwood, 8 " " " S. 78 1/2° W. 99 " "

do. 10 " " " S. 61° E. 99 " "

Land rich river bottom. Scattering timber.

Between Tps. 8 S. Rgs. 15 & 16 N.
Gila and Salt River Meridian

Tps. From the cor. to Tps. 7 & 8 S. Rgs. 15 & 16 N. 1st run
South on true line bet. sees 1 & 6.
var. 14° 54' East

As per Brant's improved solar compass

2.30 Old river bank bro. W.

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 & build mound of earth 2 ft. high, with
pits 1 ft. deep, 2 ft. long, 1 ft. wide, as per instruction
for 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 a
mound of earth 2 ft. high, with
pits 1 ft. deep, 2 ft. long, 1 ft. wide,
as per instruction for cor. to sees. 1, 6, 7 & 12.
a mesquite, 7 in. dia. bro. N. 59° W. 50 bro. dist
do. 8 " " " N. 74° E. 158 " "
do. 6 " " " N. 2½° E. 90 " "
do. 3 " " " S. 10½° W. 68 " "

Land level. Sal rich. Mesquite timber.

Between Tps. 8 S. Rgs. 15 E. 16 W

Gila and Salt River Meridian

No. 1000 between sec. 7 & 12.
 Var. $14^{\circ}54'$ East

14.60 Yuma road cor. N.

29.00 Ascend.

40.00 Set a post, marked $1/4$ S. 4 ft. long, flat-
 tened 3 in. wide, $1/2$ ft. in the ground, drive
 charred stake and build mound of earth
 2 ft. high, with pits $1/2$ ft. deep, 2 ft. long, $1/2$ 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. sqd. $1/2$ ft. in the ground,
 drive charred stake and build mound
 of earth 2 ft. high, with pits $1/2$ ft. deep,
 2 ft. long, $1/2$ ft. wide, as per in-
 structions for the cor. to Sec. 7,
 12, 13 and 18. No trees near.
 Land level. Soil good.

Scattering trees on first part. Last
 end, ascending.

Between Tps. 8 S. Rgs. 15 & 16 N.
Gila and Salt River Meridian

On South between secs. 13 & 18.
Mer. $14^{\circ}54'$ East

40.00 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 stones or timber.

80.00 Set a post, marked and 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. 13,
18, 19 and 20.
No trees near.

Land level. Soil good.
No timber.

Between Tps. 8 S. Rgs. 15 & 16 W
Gila and Salt River Meridian

Sec. South between secs. 19 & 24

var. $114^{\circ}54'$ East

40.00 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.

80.00 Drive charred stake and build
mound of earth 2 ft high, with
pits 1 ft deep, 2 ft long, 1 ft wide,
and in center of pit S. E. of cor.
drive a stake marked and
notched, 2 ft long, 2 in. sq. d. 1 ft
in the ground, as per instructions
for cor. to Secs. 19, 24, 25 and
30. No trees near.

Land level. Soil good.
Destitute of stone and
timber. March 28. 1877.

Between Tps. 8 S. Rps. 15 & 16 N.
Gila and Salt River Meridian

Co. North between Secs. 25 & 30
var. $14^{\circ}54'$ East.

40.00 Drive charred stake and build
mound of earth 2 ft. high, with
fits 1 ft. deep, 2 ft. long, 1 ft. wide,
as per instructions for 1/4 sec.
cor. No stones or timber.

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 of earth 2 ft.
high, with fits 1 ft. deep, 2 ft.
long, 1 ft. wide as per instructions
for cor. to Secs. 25, 30, 31 and
36. No trees near.

Land level. Soil good.
No timber.

Between Tps. 8 S. Rgs. 15 & 16 W.

Gila & Salt River Meridian

Line betw. between secs. 31 & 36.
var. 14° 54' East

40.00 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 stones or timber.

80.00 Set a post, marked & notched, 4 ft
long, 4 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 Townships 8 and
9 S. ranges 15 and 16 W.
No trees near.

Land level. Soil good.
No timber.

Between Tps 8 & 9 S. Range 15 W.
Gila and Salt River Meridian

Ths. From the cor. to Tps. 8 & 9 S. Rps. 15 & 16 W. Run
EAST on true line bet. sec. 6 & 31.
was. $14^{\circ}57'$ East

Asper Burt's improved solar compass.
Allowing 9 ft. for convergence - at

39.06 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 14 sec. cor.

79.06 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 in-
structions for cor. to Secs 5, 6, 31
and 32.

Land level. Soil good. No stones or timber.

Pitoveru Tps. 8th & 9th S. Range 157th.
Gila and Salt River Meridian

Sec. East Stratum timber sec. 5 & 32.
var. 14° 57' East

40.00 Drive chared stake and build a
mound of earth 2 ft high, with
frits 1 ft deep, 2 ft long, 1 ft wide,
as per instructions for 4th sec. cor.

80.00 Drive chared stake and build
mound of earth 2 ft high, with
frits 1 ft deep, 2 ft long, 1 ft wide,
and in center of frit S. E. of cor
drive a stake, marked and
notched, 2 ft long, 2 in. sqd,
1 ft in the ground, as per instruc-
tions, for cor. to secs. 4, 5, 32
and 33.

Land level. Soil mostly good.
Destitute of staves and timber.

Between Tps. 8 & 9 S. Range 15 W.

Gila and Salt River Meridian

No. 11 Section line bet. sec. 14 & 33.

Var. $14^{\circ}57'$ East

40.00 Drive daved 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.

80.00 Drive daved 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. sqd. 1 ft in the ground, as per instructions for cor. to Secs. 3, 4, 33 and 34.

Land level, Soil partly good.
Destitute of stone and timber.

Between Tps. 8 & 9 S. Range 15 W.

Gila and Salt River Meridian

No. 1. East. Section line bet. sec. 3 & 34.

var. 14° 57' East

40.00

Drive charred stake and build mound of earth 2 ft high, with pits 1 ft deep, 2 ft long, 4 ft wide, as per instructions for 14 sec. cor.

80.00

Drive charred stake and build mound of earth 2 ft high, with pits 1 ft deep, 2 ft long, 4 ft wide, and in center of pit S. E. of cor. drive a stake, marked and notched, 2 ft long, 2 in. sq. d. 1 ft in the ground, as per instructions for cor. to Secs. 2, 3, 34 and 35.

Land level. Soil partly good.
No stones or timber.

Between Tps 8 & 9 S. Range 15 N.
Gila & Salt River Meridian

No. East on true line bet. sec. 2 & 35.
var. $14^{\circ}57'$ East

40.00 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 stones or timber.

80.00 Set a post, marked and notched, 4 ft long, 3 in. sqd. 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 Sec. 1, 2,

35 and 36, from which
A mesquite, 4 in. dia. b. S. 62° E. 250 lbs. dia.
No other trees near.

Land level. Soil partly good.
No timber.

Between Tps. 8 & 9 S. Range 15 W.
Gila and Salt River Meridian

No. East on true line bet. sec. 1 & 36.
var. 14° 57' East

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. No trees near.

80.00 Set a post, marked and notched,
4 $\frac{1}{2}$ ft long, 4 in. sq. 1 ft. in the
ground, drive charred stake and
build mound of earth 2 $\frac{1}{2}$ ft high,
with pits 1 ft deep, 2 ft long, 1 ft wide
as per instructions for cor. to Tps.
8 and 9 S. ranges 14 and 15
W. No trees near.

Land level. Soil partly good.
No timber

Between Tps. 8 S. Ranges 14^e & 15^W.
Gila & Salt River Meridian

Tps. From the cor. to Tps. 8 & 9 S. Rgs. 14^e & 15^W. Run
North between sec. 31 & 36.

Var. 14° 55' East

As per Curt's improved solar compass.

40.00 Set a post, marked 14 S. 4 ft long, flattened
3 in. wide, 1 ft in the ground, drive charred stakes
and build mound of earth 2 ft high with
frits 1 ft deep, 2 ft long, 1 ft wide, as per in-
structions for 14 sec. cor. from which
Apale verde, 4 in. dia. bas. N. 54° W. 194 lbs. dist.

do. 5 " " " East 262 " "

69.00 Arroyo, 25 lbs. wide, bas. S. W.

80.00 Set a post, marked & notched, 4 ft long, 3 in.
sq'd. 1 ft in the ground, drive charred stakes
and build mound of earth 2 ft high, with
frits 1 ft deep, 2 ft long, 1 ft wide, as per instruc-
tions for cor. to sec. 25, 30, 31 & 36. from which
Apale verde, 4 in. dia. bas. S. 7° E. 199 lbs. dist.
Apale verde, 6 " " " S. 46° W. 180 " "
Apale verde, 5 " " " N. 27½° W. 155 " "

Land uneven and ascending. Scattering trees.

Between Tps. 8 S. Ranges 14 & 15 W.
Gila and Salt River Meridian

hs. North between secs. 25 & 30.
var. $14^{\circ}55'$ East.

.40.00 Set a granite stone $14 \times 7 \times 6$ inches, $\frac{2}{3}$
in the ground, marked 14, and on
N. build mound of earth 2 ft high with pits
1 ft deep, 2 ft long, 1 ft wide, as per instruc-
tions for 14 sec. cor. No trees near.
Accond. -

80.00 Set a granite stone, $13 \times 8 \times 6$ inches, $\frac{2}{3}$ in
the ground, notched S. and N. and
on N. build mound of stones 2 ft high
as per instructions for cor. to Secs. 19,
24, 25 and 30. No trees near.
Land broken. Soil poor and worthless.
No timber.

Further N. the line is impractica-
ble on account of precipitous
mountains.

March 29. 1877.

Between Tps. 8 S. Rgs. 14^e 15^W.
Gila and Salt River Meridian.

Sec. North between sec. 19^e 20^W
var. East

Impracticable
and not run.

Between Tps 8 S. Rps. 14^e/15^w.

Gila and Salt River Meridian

Rs. North between sec. 13^e/18.
var. East

Impracticable
and not run.

Between Tps. 8 S. Rgs. 14¹/₂ / 15 W.

Gila and Salt River Meridian

Rs. North between sec. 7¹/₂ / 12.
var. East.

Impracticable
and not run.

Between Tps. 8 S. Ranges 14^e & 15^w.

Gila and Salt River Meridian

To North on random line between 1^e & 2^e
run. East

Impracticable
and not run.

57

BOOK 1637

Between Tps. 7 S. Rps. 15 E 16 W.

Gila and Salt River Meridian

Survey commenced April 2, 1877.
No. From the cor. to Tps. 7 & 8 S. Rps. 15 & 16 W. Run
North between secs 31 & 36.
var. $14^{\circ}54'$ East

Asper Punt's improved solar compass.

33.53 Intersect left bank of Gila river. Set a post,
marked, 4 ft long, 3 in. sq'd. 1 ft in the
ground, drive charred stake and build
mound of earth 2 ft high, taken from 1
pit on line S. for cor. to fractional Secs. 31 & 36.
I now set a flag on line on opposite bank
of river and measure off a base 100
ls. E. to a point whence flag on line
var. N. $9^{\circ}22'$ W. which give distance across
stream on line, 6.06 chs.

39.59 Right bank of river, on line. Being
so near the $\frac{1}{4}$ sec. point, I run to
40.00 And 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

Between Tps. 7 S. Rps. 15 E 16 W.
Gila and Salt River Meridian

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

A Cottonwood, 11 in. dia. base, N. 37 1/2° W. 91 lbs. dist.

do. 12 " " " S. 80° W. 22 " "

80.00 Set a post, marked and notched,
4 ft. long, 3 in. sqd. 1 ft. in the
ground, drive charred stave and
build mound of earth 2 ft. high,
with pits 1 ft. deep, 2 ft. long, 1 ft.
wide, as per instructions for cor.
to secs. 25, 30, 31 and 36
from which

A mesquite, 5 in. dia. base, S. 53° E. 288 lbs. dist.

No other trees near.

Sand rich bottom.

Some scattering timber.

Between Tps. 7 S. Rgs 15 & 16 N.

Gila and Salt River Meridian

Sec. North between secs. 25 & 30.

var. $14^{\circ}54'$ East

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

A mesquite, 10 in. dia. base. $N. 52\frac{1}{2}^{\circ} W.$ 177 lbs. dist.

No other trees near.

73.70 Road runs W.

80.00 Set a post, marked & notched, 4 ft. long, 3 in. sq. d., 1 ft. in the ground, drive chared stake & build mound of earth 2 ft high with pits 1 ft deep, 2 ft long, 1 ft wide, as per instructions for cor. to secs. 19, 24, 25 & 30. from which

A Mesquite, 8 in. dia. base. $N. 8\frac{1}{2}^{\circ} W.$ 103 lbs. dist.

Do. 11 " " " $S. 39\frac{1}{2}^{\circ} W.$ 134 " "

Sand level. Soil good. Scattering trees.

Between Tps. 7 S. Rgs. 15 & 16 N.
Gila & Salt River Meridian

No. North between sec. 19 & 20 N.
var. $14^{\circ}54'$ East.

40.00 Set a post, marked 14 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 instructions for
14 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,
drill 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.
13, 18, 19 and 20 N. from which
Azalea, cin. dia. br. S. 38° N. 122 grad. alt.

No other trees near.
Land level. Soil good. Scattering
trees.

Between Tps. 7 S. Rps. 15 & 16 N.
Gila and Salt River Meridian

Sta North between secs. - 13 & 18.
var. $14^{\circ}54'$ East

40.00 Set a post marked "4 S. 4 ft. long,
flattened 3 in. wide, 1 ft. in the
ground, drive charred stakes and
build mounds of earth 2 ft. high,
with pits 1 ft. deep, 2 ft. long, 1 ft. wide,
as per instructions for "4 sec. cor.
from which

Apale wards, 12 in. dia. br. S. $15^{\circ}E$. 160 lbs. dist.

76.20 Foot of hill and ascend.

80.00 Set a post, marked and notched, 4
ft. long, 3 in. sq. 1 ft. in the ground,
drive 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. 7, 12, 13 & 18. No trees near.

Sand valley. Soil ^{partly} good. Scattering trees.

Between Tps. 7 S. Rgs. 15 & 16 N.
Gila and Salt River Meridian

Tps. North between Secs. 7 & 12.

var. 140 57° East.

Ascend and pass over rocky hill
4000 Set a post, marked 1/4 S. 4 ft long, flat-
tened 3 in. wide, 1 ft in the ground,
drive charred stake and build mound
afeast 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.

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

1.6. 7 and 12. from which
upale arde, 8 in dia. bar. N. 35° W. 398 W. dist.
No other trees near.
Land over hills. Soil partly good.
Scattering trees.

Between Tps. 7 S. Rps. 15 & 16 N.
Gila and Salt River Meridian

Trs. North between Secs 1 & 2.

Var. $14^{\circ}54'$ East

40.00 Set a post, marked 4 S. 4 ft. long, flat-
tened 3 in. wide, 1 ft. in the ground,
driv 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 pole runs, 12 in. dia. tree, S. 30° W. 158 lbs. dist.

80.00 Set a post, marked and notched, 4 1/2
ft. long, 4 in. sqd. 1 ft. in the ground,
driv charred stake and build mound
of earth 2 1/2 ft. high, with pits 1 ft.
deep, 2 ft. long, 1 1/2 ft. wide, as per
instructions for cor. to Tps. 6 & 7 S.
Rps. 15 and 16 N. from which

A pole runs, 7 in. dia. tree, N. 31° W. 221 lbs. dist.

No other trees near.

Land level. Soil good. Scattering trees.

Between Tps. 6 & 7 S. Range 15 N.
Gila & Salt River Meridian

From the cor. to Tps. 6 & 7 S. ranges
15 and 16 N. I run
East on random line along the N.
boundary of secs. 6. 5. 4. 3. 2 & 1.
var. $14^{\circ}58'$ East.
As per Burt's improved solar compass
I set temporary half mile and
mile posts at every 40 and
80 chs., and at 5 miles and 78.31
chs. intersect at a point 65 chs. N. of
cor. to Tps. 6 & 7 S. ranges 14 and
15 N. Therefore the correction
for true line back will be 1.69 chs. N.,
and 11 chs. S. per mile. And from
the cor. to Tps. 6 & 7 S. range 14
and 15 N. I run
N. $89^{\circ}55'$ N.

Out true line between secs. 1 & 36.

var. $14^{\circ}58'$ East.

40.00 Set a post, marked 4 chs. 4 ft. long,

Between Tps. 6^E & 7^S Range 15^N.
Gila and Salt River Meridian

7^h flattened 3 in. wide, 1 ft. in the ground, driven 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 and notched, 4 ft. long, 3 in. sq. in. in the ground, driven 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. 1, 2, 3, 5 and 36. from which

Apulejia Guindia, No. 77^N, 154^W, det.

No other trees near.

Land level. Soil good. Scattering trees.

Between Tps. 6 & 7 S. Range 15 N.

Gila & Salt River Meridian

No. N. 89° 55' N.

On true line between secs. 2 & 35.

var. 14° 58' East.

40.00 Set a post, marked 4 & 8 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 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 pits 1 ft deep, 2 ft long, 1 ft wide, as per instructions for cor. to Secs. 2, 3, 34 and 35. No trees near.

Land level. Soil good. A few trees.

Between Tps. 6th & 7th S. Range 15th W.
Gila and Salt River Meridian

Ths. N. 89° 55' W.

On true line between sees. 3 & 32.

Var. 14° 58' 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 a
mound of earth 2 ft. high, with pits
1 ft. deep, 2 ft. long, 1 ft. wide, as per in-
structions, for 74 sec. cor. No trees near.

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 sees.

3. 4. 33 and 34, from which
Apale verde, 4 in dia. br. N. 65° E. 92 brs. dist.

do. 3 " " " N. 60° W. 120 " "
Land level. Soil good. Scattering trees

Between Tps 6 & 7 S. Range 15 W.
Gila & Salt River Meridian

No. N. 89° 55' W.

Outline line between secs. 4 & 33.
var. 14° 58' East.

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 a
mound of earth 2 ft. high, with
pits 1 ft. deep, 2 ft. long, 1 ft. wide, as
per instructions for 14 sec. cor.

No trees near.

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.

5.32 and 33. No trees near.

Land level. Soil good. A few
trees.

Between Tps. 6 & 7 S. Range 15 N.
Gila & Salt River Meridian

Co. N. $89^{\circ}55'N$.

On true line between sec. 5 & 32.
var. $14^{\circ}58'$ East

- 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
- Apfel verde, 6 in. dia. bar, S. $57^{\circ}E$. 98 lvs. dist.
- 80.00 Set a post, marked and watched, 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. 5, 6, 31 and 32. No trees near.
- Land level. Soil good. A few trees.

Between Tps. 6 & 7 S. Range 15 W.
Gila and Salt River Meridian

Sp. N. 89° 55' W.

On true line between secs. 6 & 31.

var. 124° 58' East.

40.00 Set a post, marked 1/4 S. 4 ft. long,
flattened 3 in. wide, 1 ft. in the ground,
driv charred stake and build mound
a feather ft high, with pits 1 ft. deep,
2 ft. long, 1 ft. wide, as per instruc-
tion, for 1/4 sec. cor.

No trees near.

78.31 Cor. to Tps. 6 and 7 S. Range
15 and 16 W.

Land level. Soil good.
A few trees.

April 2, 1877.

Between Tps. 6 S. Rgs. 15 & 16 W.
Gila & Salt River Meridian

Survey commenced April 6, 1877.

From the cor. to Tps. 6 & 7 S. Rgs. 15 & 16 W.

Iron

North between sees 31 & 36,
var. $14^{\circ}58'$ East

Respect Beut's improved solar compass.

40.00 Set a post, marked W. S. 4 ft long, flattened 3 in wide,
1 ft in the ground, drive charred stakes & build mound
of earth 2 ft high, with pits 1 ft deep, 2 ft long, 1 ft
wide, as per instructions for 14 sec. cor. from which
Apale verde, 4 in. dia. brs. S. 85° W. 156 brs. dist

80.00 Set a post, marked & notched, 4 ft long, 3
in sqd. 1 ft in the ground, drive charred
stakes & build mound of earth 2 ft
high, with pits 1 ft deep, 2 ft long, 1 ft
wide, as per instructions, for cor.
to Secs. 25, 30, 31 and 36, from which

Apale verde, 7 in. dia. brs. S. 34° W. 177 brs. dist

do. 4. " " N. 58° E. 200 " "

Land level. Soil good. Scattering trees

Between Tps. 6 S. Rps. 15 & 16 N.

Gila and Salt River Meridian

No. North between secs. 25 & 30.
var. $114^{\circ}58'$ East

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

Apalovide, 7 in dia. box. West, 159 lbs. dist.

80.00 Set a post, marked and notched, $\frac{1}{2}$ ft.
long, 3 in sqd. $\frac{1}{2}$ ft in the ground, drive
charred stake and build mound of
earth 2 ft high, with pits $\frac{1}{2}$ ft deep, 2 ft
long, $\frac{1}{2}$ ft wide, as per instructions for
cor. to secs. 19, 24, 25 & 30, from which

Apalovide, 9 in dia. box. East, 18 lbs. dist.

do. 4 " " " S. 38° E. 104 " "

Land level. Soil good. Scatter-
ing trees.

Between Tps. 6 S. Rps. 15^E & 16 W.
Gila & Salt River Meridian

Sec. North between secs. 19^E & 24^E
var. 14° 58' East

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 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.
13, 18, 19 and 24, from which

Apale verde, 10 in dia. brs. N. 46° E. 100 brs. dist.
No other trees near.

Land level. Soil good. Scattering trees.

Between Tps. 6 S. Rps. 15 & 16 W.

Gila and Salt River Meridian

No. North between seas. $13^{\circ} 18'$
var. $14^{\circ} 58'$ East

40.00 Set a post, marked $1/4$ S. $1/4$ ft long,
flattened 3 in. wide. 1 ft in the ground,
drive charred stake and build mound
of earth 2 ft high, with 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, $1/4$
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 Seas
7, 12, 13 and 18, from which
Apaleoria, 4 in. dia. bar. N. 5° E. 168 lbs. dist.
No other trees near.

Land level. Soil partly good.
Scattering trees.

Between Tps. 6 S. Rgs. 15 & 16 N.
Gila and Salt River Meridian

Sec. North between secs. 7^e & 12.
var. $14^{\circ} 58'$ East

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

Apaleferra, 8 in. dia. brs. East, 62 brs. dist

80.00 Set a post, marked and notched, 4 ft.
long, 3 in. sq. d. 1 ft in the ground, drive
chained stake and build mound of
earth 2 ft high, with pits 1 ft deep,
2 ft long, 1 ft wide, as per instruction
for cor. to secs. 1, 6, 7 and 12.
from which

Apaleferra, 10 in. dia. brs. East, 147 brs. dist

Do. 9 " " " S. 39° W. 163 " "
Land level. Soil good. Scattering
trees.

Between Tps. 6 S. Rgs. 15 & 16 N.
Gila and Salt River Meridian

No. North on true line bet. sec. 1 & 2.
var. 14° 58' East.

40.00 Set a post, marked 4 S. 4 ft long, flattened
3 in. wide, 1 ft in the ground. drive chanced
stake and build mound of earth 2 ft high,
with pit 1 ft deep, 2 ft long, 1 ft wide, as per
instructions for 4 sec. cor. from which
Apulejerna, 4 in. dia. br. S. 52° W. 250 lbs. dist.

80.65 Intersect first Standard S, 23.60 chs.

E. of cor. to Tps. 5 S. Rgs. 15 & 16 N.

Set a post, marked E notched, 4 1/2 ft
long, 4 in. sq. 1 ft in the ground. drive
chanced stake and build mound of
earth 2 ft high, with pit 1 ft deep,
3 ft long, 1 1/2 ft wide, as per instructions
for closing cor. to Tps. 6 S. Rgs. 15 & 16 N.

No trees near.

Land level. Soil poor. A few trees.

April 6. 1877.

General Description.

The foregoing are the original field notes of surveys of exterior lines, made under my contract with the Surveyor General of Arizona, dated December 28, 1876.

They embrace townships lying along and adjacent to the Gila river bottom all of which lands are susceptible of irrigation from the Gila river.

Theodore T. White
U.S. Deputy Surveyor

List of Names.

78

BOOK 1637

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 Exterior lines of T_p.

5 S. Range 13 N. T_p. 6 & 7 S. Range

14 N. and T_p. 6, 7 and 8 S. Range

15 N. of the Gila and Salt River Meridian, Arizona.

Showing the respective capacities in which they acted.

Urban Bessard Chainman.

E. O. Smith Chainman,

Fred. C. Jones Axeman.

Allan Bernard Flagman.



Final Oath of Assistants.

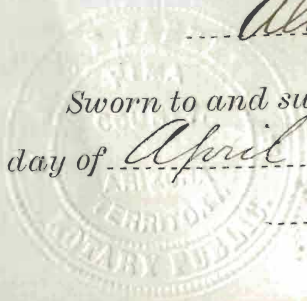
BOOK 1637

We hereby certify that we assisted Theodore
F. White U. S. Deputy Surveyor, in
 surveying Exterior lines of Townships
5 S. Range 13 N., of Townships
6 & 7 S. Range 14 N., and
of Townships 6, 7, & 8 S. Range
15 N., of the Gila and Salt
River Meridian, Arizona.

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

- Wabain Bernard Chainman.
- C. O. Smith Chainman,
- Fred. C. Jones Axeman.
- Allan Bernard Flagman.

Sworn to and subscribed before me, this 28th
 day of April, 1877



John R. Faull
 Notary Public

Final Oath of Deputy Surveyor.

BOOK 1637

I, *Theodore F. White*

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 *December*

1876. 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

Exterior lines of Township 5 S.

Range 13 N., of Township 6 & 7 S. Range 14 N., and of Townships 6, 7 and 8 S. Range 15 N., of the Gila and Salt River Meridian,

Arizona

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

91
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.

Theodore S. White

Deputy Surveyor.

BOOK 1637

Sworn to and subscribed before me, this 28th day of April, 1877

John R. Faull
Notary Public



U. S. Surveyor General's Office,

TUCSON, ARIZONA, August 6, 1877.

The foregoing Field Notes of the Survey of the

*Exterior Lines of Tps. 5 S. R. 14 W.,
 Tps. 6 S. Rqs. 14 and 15 W.,
 Tps. 7 S. Rqs. 14 and 15 W.,
 and Tps. 8 S. R. 15 West,*

*Of the Gila and Salt River Base and Meridian, Arizona, execu-
 ted by Theodore F. White,*

*Deputy Surveyor, under his contract of the 28th
 day of December, 1876, having been*

*critically examined and the necessary corrections and explana-
 tions made, the said Field Notes and the surveys they describe
 are hereby approved.*

John Mason
 Surveyor General.