

1638

BOOK 1638

16

F I E L D N O T E S
O F T H E S U R V E Y O F
T H E E X T E R I O R L I N E S O F

T. 5 S., Rs. 9, 10, 11 and 12 W.,
T. 6 S., Rs. 10, 11, 12 and 13 W.,
T. 7 S., Rs. 12 and 13 W.

Gila and Salt River Base and
Meridian,

ARIZONA.

By Theodore F. White, D.S. under
Contract dated Dec. 7, 1876.
Survey commenced Jany. 12, 1877.
Survey completed March 12, 1877.

BOOK 1638

Preliminary Data of ...

	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46
	137	135	134	133	102	130	95	94	72	72	71	69	57	52	55	54
BOOK 1638	148	6	5	4	3	2	1	6	8	6	5	4	3	2	1	2
	121877					12677								12267		12454
<i>P.S.L.R. 15th</i>	13126	15	<i>P.S.L.R. 12th</i>	1366	18	<i>P.S.L.R. 11th</i>	1349	18	<i>P.S.L.R. 10th</i>	1325	18	<i>P.S.L.R. 9th</i>	1332			
	241279			2465	19		2411	19		2423	19		2491			
	2572	430		256	430		254	630		2542	30		2530			
	3642	331		366	331	32	33		3644	31		3621	31			3629
11666	1	1226		4	856	5	4		1	26		1	206			
121657	12	1217		12	87	72			12	37		12	197			
1316418	<i>P.S.L.R. 15th</i>	13120	18	<i>P.S.L.R. 12th</i>	1385	18	<i>P.S.L.R. 11th</i>	134	18	<i>P.S.L.R. 10th</i>	1318	18	<i>P.S.L.R. 9th</i>			
2416319		24119	19		248	19			246	19		2417	19			
2516230		25116	30		258	30			259	30		2516	30			
3616131	32	33	34	35	36	115	31	32	33	34	35	36	15	31		
	157	155	157	155	104	154	112	112	111	110	108	81	50	99	98	97
11506	5	4	3	2	1	107	6	5	4	3	2	1	89	6	5	4
121487		12	106	7		129	07									
1314718	<i>P.S.L.R. 15th</i>	13105	18	<i>P.S.L.R. 12th</i>	139	18	<i>P.S.L.R. 11th</i>		<i>P.S.L.R. 10th</i>		<i>P.S.L.R. 9th</i>					
2414619		24114	19		247	19										
2514530		25103	30		257	30										
3614431	32	33	34	35	36	102	31	32	33	34	35	36	9	40		
	145	142	141	140	137	133	140	99	94	97	96	95				
	6	5	4	3	2	1	6	5	4	3	2	1				

BOOK 1638

BOOK 1638



Preliminary Oaths of Assistants.

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

P. V. Caldwell

Urban Bessard

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

John R. 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 9th
day of January, 1877.

John R. Paull

Notary Public.



1638

BOOK 1638¹⁰

Between Tps. 6 S. Rgs. 10 & 11 N.

Gila and Salt River Meridian

No. Survey commenced Jan'y 12. 1877.

I begin at the standard cor. to Tps.
5 S. ranges 10 and 11 N. This cor. I find
this cor. standing as originally established
by myself, it being a post, with mound
of earth and pits: the bearing trees were
also standing, as follows:

A Cottonwood, 24 in. dia. brs. N. 26° E. 284 lbs. dist.

A Mesquite, 5 " " " S. 37½° N. 139 " "

do. 6 " " " N. 67° N. 190 " "

From this cor. I run East 23 chs. along
standard line, for convergency of me-
ridians, at which point I set a
post, mowed and notched, 4½ ft long,
4 in. sq. 1 ft in the ground, drive charred
stake and build mound of earth 2½
ft high, with 3 pits, 1 ft deep, 3 ft long,
1½ ft wide, as per instructions for
closing cor. to Tps. 6 S. Rgs. 10 and 11 N.

Between Tps. C. S. Rgs. 10 & 11 N.
Tela and Salt River Meridian

No. from which

A mesquite, 10 in. dia. hrs. S. $47\frac{1}{2}$ N. 222 lbs. dist.
No other trees near.

From the foregoing cor, I run

South on true line bet. secs. 1 & 6.
var. $14^{\circ}12'$ East

As per Burt's improved solar compass.

6.00 Road hrs. N.

24.00 Yuma road runs N.

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. from which
A mesquite, 8 in. dia. hrs. S. 34° E. 134 lbs. dist.
do. 6 " " " S. $31\frac{1}{2}$ E. 275 " "

46.00 Leave bottom.

Between Tps. C. S. Rgs. 10 & 11 N.
Gila and Salt River Meridian

Tps. Continued -

48.00 Bluff and ascend.

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 pit 1 ft.
deep, 2 ft. long, 1 ft. wide, as per
instructions, for cor. to secs. 1.

6. 7 and 12, from which

Apale ficina, 6 in. dia. bar. S. 63° E. 108 lks. dist.

do. 6 " " " S. 7° E. 194 " "

No other trees near.

Rich bottom land. Brush
and scattering trees.

Path between secs. 17 & 12.

Var. 14° 12' East.

46.00 Set a post, marked 14 S. 4 ft. long,
flattened 3 in. wide, 1 ft. in the

Between Tps. 6 S. Rgs. 10 & 11 N.
Gila and Salt River Meridian

Set ground, and build mound of
stones 2 ft. high as per instructions
for 1/4 sec. cor. No trees near.

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

7, 12, 13 and 18. from which
Apale verde, 14 in. dia. br. S. 40° E. 136 lbs. dist.

do. 7 " " " N. 35° W. 233 " "

No other trees near.

Land level. Soil good. Scattering trees.

South between secs. 13 & 18.

var. 14° 12' East

40.00 Set a post, marked 1/4 S. 4 ft long,
flattened 3 in. wide, 1 ft in the ground.

Between Tps. 6 S. Rgs. 10 & 11 N.
Gila and Salt River Meridian

75. 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. from which
Apale verde, 6 in dia. bas. N. 47° W. 224 lbs. dit.

do. 6 " " " North, 261 " "

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.
13, 18, 19 and 24 from which
Apale verde, 8 in dia. bas. North, 42 lbs. dit.

do. 6 " " " S. 45° W. 46 " "

No other trees near.

Land level. Soil good.
Scattering trees.

Between Tps. 6 S. Rgs. 10 & 11 N.
Tela and Salt River Meridian

Ths. South between sec. 19 & 24.
var. 147° 2' East.

40.00 Set a post, marked 14 S. 4 ft long, flat-
tened 3 in. wide, 1 ft in the ground,
drive charred stake and build
mound of earth 1 ft high with pit
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 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. 19, 24, 25 and
30. No trees near.
Land level. Soil good in
places. No timber.

Between Tps. C.S. Rgs. 10 & 11 W.
Gila and Salt River Meridian

hs. South between secs. 25 & 30
var. $14^{\circ}12'$ 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 2 ft high,
with pits 1 ft deep, 2 ft long, 1 ft
wide, as per instructions for $1/4$
sec. cor. from which

Apala verde, 7 in. dia. bas. S. 6° E. 250 lbs. dist.
No other trees near.

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, as per instructions for
cont. to secs. 25, 30, 31 & 36, from which

Apala verde, 13 in. dia. bas. S. 46° E. 275 lbs. dist.
No other trees near.

Land level. A few scattering trees.

Between Tps. 6 S. Rgs. 10 & 11 W.
Tila and Salt River Meridian

Tr. South between sec. 31 & 36
var. 14° 12' East

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

80.00 Set a post, 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 pits 1 ft deep, 2 ft long,
1 1/2 ft wide, as per instructions, for
cor. to townships 6 and 7 S. ranges
10 and 11 W. No trees near.
Land level. Some good soil.
No timber.

Between Tps. 6^e & 7^s. Rq. 10^w.

Sila and Salt River Meridian

From cor. to Tps. 6^e & 7^s. Rq. 10^w & 11^w. Run

East, on true line bet secs. 6^e & 31.

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

As per Beards solar compass.

38.12 (Allowing 1.88 chs. for convergence.) Set a post, marked 14 S. 4 ft long, flattened 3 in. wide, 1 ft in the ground, drive charred stake & build mound of earth 2 ft high, with pits 1 ft deep, 2 ft long, 1 ft wide, as per instructions, for 14 sec. cor. No trees near.

78.12 Set a post, marked E. marked, 4 ft long, 3 in. sq. 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. 5, 6, 31 and 32.

No trees near.

Land level. Some good soil.

No timber.

Between Tps. 6 & 7 S. Range 10 W.
Gila and Salt River Meridian

Ths. El Montane line bet sec. 5 & 32.
var. $14^{\circ}12'$ 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 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. No timber. Some good soil.

Between Tps. 6 & 7 S. Range 10 W.
Tila and Salt River Meridian

Ts. East on true line bet. sec. 4 & 33.

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

40.00 Set a post, marked 14 S. 4 ft long, flat-
tend 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 3 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.

3. 4. 33 and 34. from which

Apale verde, 4 in. dia. hrs. N. 10° W. 162 lbs. dist.

No other trees near.

Land level. Some good soil.

No timber of any consequence.

Between Tps. 6 & 7 S. Range 10 W.
Tila and Salt River Meridian

Trs. East on line bet. sec. 3^d & 34th.
var. $14^{\circ}12'$ East

40.00 Set a post, marked $\frac{1}{4}$ S. 4 ft long, flat-
tened 3 in. wide, 1 ft in the ground, dis-
chased 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

Apaleficera, 5 in dia. br. S. 40° W. 177 brs. dist.

do. 4 " " " N. 50° W. 120 " "

80.00 Set a post, marked and notched, 4 ft
long, 3 in. sq. 1 ft in the ground, and
build mound of stones 2 ft high
as per instructions, for cor. to sec.
2, 3, 34 and 35.

No trees near.

Land level. Some scattering
trees

Between Tps. 6 & 7 S. Range 10 W.
Gila and Salt River Meridian

No. East on true line secs. 2 & 35
var. $14^{\circ}12'$ East

40.00 Set a post, marked 14 S. 4 ft long, flat-
tened 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
 14 sec. cor. from which

Apalavide, 4 in. dia. $1/2$ S. 50 W. 9 lns. dist.

Apaleferra, 6 " " " East, 47 " "

80.00 Set a post, marked and notched, 4 ft
long, 3 in. sq. d. 1 ft in the ground,
and build mound of stones 2 ft
high, as per instructions for cor. to
secs. 1. 2. 35 and 36.

Notes near.

Land level. Scattering trees.

Soil partly good.

Between Tps. 6 & 7 S. Range 10 N.
Gila and Salt River Meridian

No. East on true line bet. sec. 1 & 36.
var. $14^{\circ} 12'$ East

40.00 Set a volcanic rock, $11 \times 8 \times 7$ inches, $\frac{2}{3}$ in the
ground, marked 14, and on E. build mound of stones
2 ft high, as per instructions for 14 sec. cor. Notes run.

80.00 Set a post, $4 \frac{1}{2}$ ft long, 4 in. sq. d. mark-
ed and notched, 1 ft in the ground,
and build mound of stones 2 ft
high, as per instructions for cor.
to Tps. 6 & 7 S. ranges 9 and 10 N.
from which.

Apale feria, 6 in. dia. lvs. N. $62 \frac{1}{2}^{\circ}$ W. 110 lvs. dist.

Apale verde, 9 " " " N. 22° W. 188 " "

Apale feria, 3 " " " S. $31 \frac{1}{2}^{\circ}$ E. 100 " "

do. 7 " " " N. 86° E. 235 " "

Land level. Soil poor. Scatter-
ing trees.

January 12. 1877.

Between Tps. 6 S. Rgs. 9 & 10 W.

Gila & Salt River Meridian

From the cor. to Tps. 6 and 7 S. Rgs. 9 & 10 W. Iron
 Pts. North between sec. 31 & 36,
 ran. 12° 30' 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 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. 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 in-
 structions, for cor. to sec. 25, 30, 31 and
 36, from which
 a mesquite, 3 in. dia. bas. N. 55° W. 299 lbs. dist.
 No other trees near.
 Land level. A few scattering trees.

Between Tps. 6 S. Rgs. 9 & 10 W.
Gila and Salt River Meridian

hs. North between sec. 25 & 30
var. $12^{\circ}30'$ East

40.00 Set a post, marked $\frac{1}{4}$ S. $\frac{1}{2}$ ft long, flat-
tened 3 in. wide, 1 ft in the ground. Drive
charr'd stakes and 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. from which
Apaleverde, 6 in. dia. bas. S. 72° E. 228 lbs. dist.
No other trees near.

80.00 Set a post, marked and notched, $\frac{1}{2}$ ft long,
3 in sqd. 1 ft in the ground, and build mound
of stones 2 ft high, as per instructions for cor.
to sec. s. 19. 24. 25 & 30. from which
Apaleverde, 3 in. dia. bas. N. 30° W. 91 lbs. dist.
do. 4 " " N. 26° E. 260 " "
No other trees near.

Land level. Some good soil.
Scattering trees.

Between Tps. 6 S. Rgs. 9 & 10 N.

Gila and Salt River Meridian

Tps. North between secs. 19 & 24.
var. $12^{\circ}30'$ East

40.00 Set a post, marked $\frac{1}{4}$ S. 4 ft long, 3 in. wide
flattened, 1 ft in the ground, drive chisel
stake and build mound of earth 2 ft high,
with pile 1 ft deep, 2 ft long, 1 ft wide, as per in-
structions, for $\frac{1}{4}$ sec. cor. from which
a pole runs, 7 in. dia. var. N. 16° W. 281 lbs. dist.
No other trees near.

80.00 Set a post, marked and notched, 4 ft
long, 3 in. sqd. 1 ft in the ground, drive chisel
stake and build mound of earth 2
ft high, with pile 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 level. Some good soil.
Scattering trees.

Between Tps. 6 S. Rgs. 9 & 10 W.
Gila and Salt River Meridian

Tps. North between secs. 13 & 18.

var. $12^{\circ}30'$ 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 6 ft
high, with pits 1 ft deep, 2 ft long, 1 ft
wide, as per instructions for 14 sec. cor.
from which

Apale verde, 7 in. dia. br. West, 222 lbs. dist.
Woothee tree near.

80.00 Set a post, marked & notched, 4 ft long, 3 in. sq. ft.
1 ft in the ground, drive charred stake and build
mound of earth 6 ft high, with pits 1 ft deep,
2 ft long, 1 ft wide, as per instructions for cor.
to secs. 7, 12, 13 & 18, from which

Apale verde, 4 in. dia. br. N. 32° E. 155 lbs. dist.

do. 4 " " S. 42° W. 241 " "

Land level. Some good soil. A few trees.

Between Tps. 6 S. Rgs. 9 & 10 W.
Gila and Salt River Meridian

Tps. North between secs. 7 & 12.

var. $12^{\circ}30'$ East.

40.00 Set a post, marked 14 S. 4 ft long, 3 in. wide, flattened, 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 Anacquite, 4 in. dia. br. N. 40° W. 30 lbs. dist. No other 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. 1, 6, 7 and 12. No trees near.

Land level. Soil partly good.
A few trees.

Between Tps. 6 S. Ranges 9 & 10 W.
Gila and Salt River Meridian

Tps. North between secs. 1 & 6.

var. $12^{\circ}30'$ East

31.15 Road base. N.W.
40.00 Set a post, marked $\frac{1}{4}$ S. $4\frac{1}{2}$ ft long, flattened
3 in wide, 1 ft in the ground, drive a shovelled
stake & build mound of earth $2\frac{1}{2}$ ft high, with
spits $1\frac{1}{2}$ ft deep, $2\frac{1}{2}$ ft long, $\frac{1}{2}$ ft wide, as per in-
structions for $\frac{1}{4}$ sec. cor. from which
Apale oxide, Ca. di. lat. $N. 39^{\circ} E. 232$ lin. dist.
No other trees near.

78.72 Intersect First Standard Parallel, 22.50 chs. E.
of standard cor. to Tps. 5 S. Rgs. 9 & 10 W. - Set a post,
marked & notched, $4\frac{1}{2}$ ft long, 4 in. sq. d. 1 ft in the
ground, and build mound of stones $2\frac{1}{2}$ ft high,
as per instructions for closing cor. to Tps.
6 S. Rgs. 9 and 10 W. No trees near.
Land level. Soil partly good. A few trees.

January 13. 1877.

Potocou Tps. 5 S. Rgs. 9 & 10 W.
Gila and Salt River Meridian

Survey commenced Jan'y 19, 1877.

Chs. Beginning at standard cor. to Tps. 5 S,
Rgs. 9 and 10 W, I find the cor. standing
as established by myself, it being
a post, with mound of earth and pits, and
from which

Apalo Verde, Gila Co. Ariz. $N. 66^{\circ} E, 245$ hrs. dist.

Thence I run

North between sec. 31 & 36,
var. 15° East

As per Burt's improved solar compass.

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

Apalo Verde, Gila Co. Ariz. $S. 64^{\circ} E, 257$ hrs. dist.

Between Tps. 5 S. Rps. 9 & 10 N.

Gila and Salt River Meridian

Chs. No other trees near.

80.00 Set a post, marked and notched,
4 ft long, 3 in. sqd. 4 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 and flat. Some
good soil on last end. A few trees.

North between secs. 25 & 30

var. 15° East

40.00 Set a post, marked 1/4 S. 4 ft long
flattened 3 in. wide, 1 ft in the
ground, and build mound
of stones 2 ft high, as per in-

Between Tps. 5 S. Rgs. 9 & 10 W.
Gila and Salt River Meridian

No. structures for 14 sec. cor. from which
 Apale verde, 5 in. dia. bar. East 95 lvs. dist
 do. 4 " " " S. 24° E. 157 " "
 80.00 Set a post, marked and notched,
 4 ft long, 3 in. sq. d. 1 ft in the
 ground and build mound of
 stones 2 ft high as per instruc-
 tions for cor. to secs. 19, 24, 25
 and 30. from which
 Apale verde, 4 in. dia. bar. N. 49° E. 271 lvs. dist.
 do. 9 " " " N. 58° W. 228 " "
 No other trees near.
 Land level. Soil good. Scat-
 tering trees.

North between secs. 19 & 24
 cor. 15° East.

H.00 Enter lower bottom land.

Between Tps. 5 S. Rps. 9 & 10 W.
Gila and Salt River Meridian

Chs. Continued—

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
Amesquite, 4 in dia br. West, 10 br. dist.
do. 7 " " East, 4 " "

43.80 Yuma road bas. W.

50.00 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 instruc-
tions for cor. to secs. 13, 18, 19 and
24. No trees near.

Land level. Soil first rate. A few trees.

Between Tps. 5 S. Rgs. 9 & 10 W.
Gila and Salt River Meridian

Tps. North between secs. 13 & 18.
var. 15° East.

29.00 Ascend.

35.00 Top of plateau.

40.00 Set a post, marked 44 S. 4 ft long,
flattened 3 in. wide, 1 ft in the
ground, and build mound of
stones 2 ft high, as per instruc-
tions for 44 sec cor. from which
Apaloverde, 4 in. dia. cor. N. 52° E. 97 hrs. dist.

do. 6 " " S. 55° W. 158 " "

69.20 Bluff and descend.

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. 7, 12, 13 & 18, from which
a Cottonwood, 12 in. dia. cor. S. 49° W. 208 hrs. dist.

do. 14 " " S. 42° E. 362 " "

Land uneven. Soil good. Scattering trees.

Between Tps. 5 S. Rgs. 9 & 10 W.
Gila and Salt River Meridian

1/2 North between secs. 7 & 12
var. 15° East

19.73 Intersect left bank Gila river, b.s.
N.W. 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, with 1 pit on
line S. for cor. to fractional sec. 7 & 12.
I now set flag on line on op-
posite bank of river and meas-
ure off a base 100 lvs. W. to point
whence flag lvs. N. 7 1/2° E. making
distance across river 7.60 chs.

27.33 Right bank of river, on line. 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 N. for

Between Tps. 5 S. Rgs. 9 & 10 N.
Gila and Salt River Meridian

- 40.00 Set a post, marked 74° S. 4° E. 12.
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 74° sec. cor. from which
a Cottonwood, 18 in. dia. bears S. 23° W. 53 lks. dist.
a pale verde, 8 " " " N. 22° E. 218 " "
- 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. 1, 6, 7 & 12. *Notes near.*
Land rich bottom. Scattering
trees.

Between Tps. 5 S. Ranges 9^e & 10^W.
Gila and Salt River Meridian

Chs. North between secs. 1 & 6.
var. 15° East

10.00 Road bet. S. R.

40.00 Set a post, marked 1/4 S. 4 ft long flat-
tined 3 in. wide, 1 ft in the ground, drive
charred stake and build mound of earth
2 ft high, with 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 1/2 ft long, 4 in. sqd. 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, for cor. to townships
4 & 5 S. ranges 9 and 10 W. from which
Apaleferra, 7 in. dia. bet. N. 61° E. 376 hrs. dist
Apaleverde, 5 " " " N. 5 1/2° W. 247 " "
No other trees near. Land level. Soil good.
Scattering trees.

Between Tps. 5 S. Ranges 8^e & 9^w.
Gila and Salt River Meridian

Beginning at the cor. to town-
sh. Ships 5 S. ranges 8 and 9 W, I
find this cor. standing as established
by myself, on the First Standard S, it being
a post with mound of earth and
pits, from which

Amesquite, 8 in. dia. hrs. S. $32\frac{1}{2}^{\circ}$ E. 71 hrs. dist.

Thence I run

North between secs. 31 & 36.
var. $14^{\circ}45'$ East.

Asper Burt's improved solar compass.

40.00 Set a post, marked 44 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
44 sec. cor. No trees near.

80.00 Set a post, marked and notch-
ed, 4 ft. long, 3 in. sq. d. 1 ft

Between Twp. 5 S. Rgs. 8 & 9 W.
Gila and Salt River Meridian

No. in the ground, drive chawed 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

Apale verde, 7 Indianas East. 93 lns. dist.

do. 8 " " S. 10° E. 110 " "

No other trees near.

Land mostly level. Some good
soil. Scattering trees.

North between secs. 25 & 30

var. 14° 45' East

40.00 Set a post marked 4 S. 4 ft long,
flattened 3 in. wide, 1 ft in the
ground, and build mound
of stones 2 ft high, as per in-

Between Tps. 5 S. Rps. 8 & 9 N.
Gila and Salt River Meridian

Ins. structures for 1/4 sec. cor. No trees near.
50.50 Old road base. N. W.

80.00 Set a post, marked and notched
4 ft long. 3 in. sq d. 1 ft in the
ground, and build mound of
stones 2 ft high, as per in-
structions, for cor. to secs.

19, 24, 25 and 30, from which
Apale road, 4 in. dia. base. S. 56° E. 137 lvs. dist.

No other trees near.

Land level. Soil partly good.

Scattering trees.

North between secs. 19 & 24
var. 14° 45' East

40.00 Set a post, marked 1/4 S. 4 ft long,
flattened 3 in. wide, 1 ft in the
ground, and build mound of
stones 2 ft high, as per instructions

Between Tps. 5 S. Rgs. 8 & 9 N.
Gila and Salt River Meridian

75.00 for $\frac{1}{4}$ sec. cor. No trees near.

Ascend.

80.00 Set a post, marked and notched
4 ft. long, 3 in. sq. d. 1 ft. in the
ground, and build mound
of stones 2 ft. high, as per in-
structions for cor. to secs.

13, 18, 19 and 24, from which

Apale Verde, Guindia, brs. S. 24° E. 141/2 sec. dist.

No other trees near.

Land ascending. Soil partly good.

Scattering trees.

North between secs. 13 & 18.

var. 14° 45' 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

Between Tps. 5 S. Rq. 8 & 9 N.
Gila and Salt River Meridian

No. 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. from which
Apalejuira, 7 in. dia. bor. N. 10° E. 73 lvs. dist.

No. 6 " " " N. 40° E. 60 " "

80.00 Set a post, marked and notched,
4 ft long, 3 in. sq. d. 1 ft in the
ground, and build mound
of stones 2 ft high, as per instruc-
tions, for cor. to Secs 7, 12, 13
and 18, from which

Apalejuira, 3 in. dia. bor. S. 12° W. 82 lvs. dist.

No other trees near.

Land level. Soil good.

Scattering trees.

Between Tps. 5 S. Rqs. 8 & 9 W.
Gila and Salt River Meridian

Rs. North between sec. 7 & 12.

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

31.50 Old road bas. W.

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 Apache road, 5 in. dia. bas. S. 5 $^{\circ}$ W. 255 hrs. dist. No other trees near.

58.40 Descend bluff.

66.00 Yuma road, around base of bluff bas. W.

70.90 The left bank Gila river, bas. S. of W. 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, with pit on

Between Tps. 5 S. Rgs. 8 & 9 W.
Gila and Salt River Meridian

No. line S. for cor. to fractional sec. 7 & 12.
I now set flag on line, on opposite
bank of river, and measure off
a base 200 lbs. N. to point where flag
was. N. $14^{\circ}50' E$, making distance
across river 7.56 chs.

78.46 Right bank of river on line. Set a
post, marked, 4 ft long, 3 in. sq. d. in the
ground, drive charred stake and build a
mound of earth 2 ft high, taken from pit
on line N. for cor. to frac. sec. 7 & 12.

80.00 Set a post, marked & notched, 4 ft long, 3 in. sq. d.
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. 1, 6, 7 and 12, from which
a Cottonwood, 8 in. dia. base, N. $57^{\circ} E$. 80 lbs dist.
do. 8 " " " N. $15^{\circ} W$. 34 " "
Land rich bottom. Scattering trees

Between Tps. 5 S. Rgs. 8 & 9 N.
Gila and Salt River Meridian

Tps. North between sec. 1 & 6.

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

39.34 Old river bank hrs. N.

40.00 Set a post, marked 44 S. 4 ft. long,
flattened 3 in. wide, 1 ft. in the ground,
drive charred stake and build a
mound of earth 2 ft. high, with pits
1 ft. deep, 2 ft. long, 1 ft. wide, as per
instructions, for 1/4 sec. cor.
No trees near.

80.00 Set a post, marked & notched,
4 1/2 ft. long, 4 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 in-
structions, for cor. to Tps. 4 and 5 S.
Rgs. 8 and 9 N. No trees near.
Land level. Soil good. A few trees.

January 19, 1877

Between Tps. 4 & 5 S. Range 9 W.
Gila and Salt River Meridian

Ths. From the cor. to Tps. 4 & 5 S. Rgs. 8
and 9 W. Iron

West. on random line along N.
boundary of Secs. 1. 2. 3. 4. 5 and 6.
var. $14^{\circ}40'$ East.

I set temporary $\frac{1}{2}$ mile and mile
cors. at every 40 and 80 chs., and
at 5 miles and 79.60 chs., I inter-
sect at a point 2.10 chs. S. a cor.
to Tps. 4 and 5 S. Rgs. 9 and 10 W.
Therefore the cor. for true line back
will be, 40 lbs. E., on first half mile,
and 35 lbs. N. per mile.

From the cor. to Tps. 4 & 5 S. Rgs. 9 & 10 W. Iron
 $S. 89^{\circ}45'$ E.

On true line between Secs. 6 & 31.
var. $14^{\circ}40'$ East.

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

Between Tps. 4 & 5 S. Range 9 W.
Gila and Salt River Meridian

79.60
79.60
Tps. 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.

79.60
79.60
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 in-
structions, for cor. to secs. 5,
6, 31 and 32, from which

Apale verde, 5 in. dia. br. N. 75° E. 57 lbs. dia.

do. 12 " " " S. 65° E. 105 " "

No other trees near.

Land level. Soil good. Scat-
tering trees.

Between Tps. 4 & 5 S. Rg. 9 W.
Gila and Salt River Meridian

No. S. 89° 45' E. on true line bet. secs. 5 & 32.
var. 14° 40' East

40.00 Set a post, marked 14 S. 4 ft long, flat-
tened 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, and build
mound of stone 2 ft high,
as per instructions for cor. to
secs. 4, 5, 32 and 33. from which
Apaleferra, 7 in dia. has, S. 63° W. 136 hrs. dist.
do. 6 " " S. 8° E. 221 " "

No other trees near.

Land level. Scattering trees.

Between Tps. 4 & 5 S. Range 9 W.
Gila and Salt River Meridian

Sec. 18945' E. centre line bet. sec. 4 & 33.
var. $14^{\circ}40'$ East

33.50 Road bet. N. W.

40.00 Set a post, marked 14 S. 4 ft long,
flattened 3 in. wide, 1 ft in the
ground, and build mound of
stones 2 ft high, as per instruc-
tion for 14 sec. cor. from which
Apaleveira, 4 in. dia. bet. S. 12° E. 263 lbs. dist.
Apaleverde, 5 " " " N. 10° E. 112 " "

80.00 Set a post, marked and notched, 4 ft
long, 3 in. sq. 1 ft in the ground, and
build mound of stones 2 ft high, as
per instructions for cor. to Secs.
3, 4, 33 and 34. from which
Apaleverde, 5 in. dia. bet. N. 62° E. 209 lbs. dist.
No other trees near.
Land level. Some good soil.
Scattering trees

Between Tps. 4 & 5 S. Range 9 N.
Gila and Salt River Meridian

Chs. S. 89° 45' E. on true line bet. sec. 3 & 34.
var. 14° 40' 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, and build mound
of stones 2 ft. high, as per
instructions, for cor. to sec.
2, 3, 34 and 35.

No trees near.
Land level. Some good soil.
Scattering trees.

Between Tps. 4 & 5 S. Range 9 W.
Gila and Salt River Meridian

Tps. S. 89° 45' E. on true line bet. sec. 2 & 35.
var. 14° 40' East

40.00 Set a post, marked 14 S. 4 ft long, flat-
tined 3 in. wide, 1 ft in the ground,
drive charred stake and build
mound of earth 2 ft high, with
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. North, 209 brs. dist.

No other trees near.

59.40 Road brs. S. W.

68.20 Ascend.

74.00 Dry wash, 30 brs. wide, brs. S.

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,

Between Tps. 4 & 5 S. Range 9 W.
Gila and Salt River Meridian

No. 2 ft long. 1/2 wide, as per instructions for
cor. to Secs. 1, 2, 35 & 36, from which

Apale verde, 10 in. dia. bas. S. 70° W. 188 land dist.

Apale furia, 8 " " " South 31 " "

do. 8 " " " N. 35° E. 64 " "

No other trees near. Land level.

Soil good. Scattering trees. ✓

S. 89° 45' E. on true line bet. Secs. 1 & 36.
var. 14° 40' East.

44.40 Old road bet. N. W.

40.00 Stake post, marked "48", 4 ft long, flattened 3 in. wide, 1/2 in. the
ground, driven & charred stake & built around of earth 1 ft
high, with pits 1/2 ft deep, 2 ft long, 1/2 wide, for 4 sec. cor. No trees near.

45.60 Old road bet. S. of W.

80.00 Cor. to Tps. 4 & 5 S. ranges 8 & 9. W.

Land level. Soil good. Scattering trees.

January 20. 1877.

Between Tps. 5 S. Rgs. 10 & 11 W.
Gila and Salt River Meridian

Survey commenced Jan'y 26, 1877.

No. Beginning at the standard cor. to Tps.
5 S. Rgs. 10 and 11 W., (described on first
page of this book,) I run thence

North between secs. 31 & 36,
Var. $15^{\circ} 03'$ East

As per Burt's improved solar compass.

- 12.40 Road cor. W.
20.40 Old bank of river, cor. S. 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 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, 6 in. dia. cor. N. 35° W. 117 cor. dist
do. 5 " " " S. 65° E. 157 " "
57.58 The left bank Gila river, cor. W. Set

Between Tps. 5 S. Rgs. 10 E. 11 N.
Gila and Salt River Meridian

70.00 a post, marked, 4 ft long, 3 in. sq d. of ft in the ground, drive charred stake and build mound of earth 2 ft high, taken from pit on line 5, for cor. to frac. secs. 31 and 36, from which Cottonwood, 12 in. dia. box. South, 263 lvs. dist. Drive set flag on line, on opposite bank of river, and measure off a base 100 lvs. E., to point whence flag box. N. 82° 1' W., making distance across stream on line 6. 81 chs.

64.39 Right bank of river, on line. Set a post, marked, 4 ft long, 3 in. sq d. of ft in the ground, drive charred stake and build mound of earth 2 ft high, with outfit on line N. for cor. to frac. secs. 31 and 36.

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

Between Tps. 5 S. Rgs. 10 & 11 W.
Gila and Salt River Meridian

Ins. 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. 25, 30, 31 and 36,
from which

A Mesquite, 12 in. dia. base N. $50\frac{1}{2}^{\circ}$ W. 61 lvs. dist.

do. 12 " " " S. 15° W. 130 " "

do. 12 " " " N. $52\frac{1}{2}^{\circ}$ E. 163 " "

No other trees near.

Land rich bottom. Scattering trees.

North between sec. 25 & 30,
var. 15° 03' East.

Ho. 00 Set a post, marked 44 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,

Between Tps. 5 S. Rps. 10 & 11 W.
Gila and Salt River Meridian

As per instructions for 4 sec. cor. from which
a mesquite, 8 in. dia. base, S. 75° W. 72 lbs. dist.
No other trees near.

55.50 Swampy place 4.50 chs. wide base S. W.

73.50 Ditch for irrigating base 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
secs. 19, 24, 25 and 30, from which
a mesquite, 6 in. dia. base, S. 26° W. 28 lbs. dist.

do. 7 " " S. 10° W. 88 " "

No other trees near.

Land level and marshy.

Soil good.

Scattering trees.

Between Tps. 5 S. Rgs. 10 & 11 W.

Island Salt River Meridian

Tps. North between secs. 19 & 24
var. $15^{\circ}03'$ East.

5.75 Road crs. S. 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 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 $\frac{3}{4}$ 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 & 24. No trees near. Land level. Soil good. No timber of any consequence.

Between Tps. 5 S. Rgs. 10 & 11 N.
Sila and Salt River Meridian

Sp. North between secs. 13 & 18.
var. $15^{\circ}03'$ East

40.00 Set a volcanic rock, $13 \times 9 \times 7$
inches, $\frac{2}{3}$ in the ground, marked
 $\frac{1}{4}$, 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 $\frac{1}{4}$ sec. cor. No trees near.

60.00 Top of rocky ridge and descend.

80.00 Set a post, marked and notched,
4 ft long, 3 in. sqd. 1 ft in the ground,
and build mound of stones 2 ft
high, as per instructions, for cor. to
secs. 7, 12, 13 and 18, from which
Apale verde, 5 in dia. br. S. 75° E. 100 br. dist.

do. 6 " " " N. $71\frac{1}{2}^{\circ}$ E. 166 " "

No other trees near.

Land level, then crossing rocky
ridge. Scattering trees

Between Tps. 5 S. Rgs. 10 & 11 N.
Gila and Salt River Meridian

Tps. North between secs. 7 & 12.
var. $15^{\circ}03'$ East.

- 2.50 Foot of hill and center flat
- 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 "4 sec. cor. from which
Apalecuira, 4 in dia. has S. 40° W. 109 lbs. dist
do. 7 " " " S. 5° E. 96 " "
- 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. 1, 6,
7 and 12. No trees near.
Land level and flat. Scattering trees.

Between Tps. 5 S. Rgs. 10 & 11 W.
Gila and Salt River Meridian

Sec. North between sec. 1 & 6.
var. $15^{\circ} 03'$ 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 $2\frac{1}{2}$ 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 & notched,
 $4\frac{1}{2}$ ft long, 4 in. sqd., 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, $1\frac{1}{2}$ ft
wide, as per instructions for cor. to
Tps. 4 and 5 S. ranges 10 & 11 W. from which
Apale Verde, Cañ. diablo. S. 48° W. 263 leads dist
No other trees near.
Land level. Some good soil. A few trees.

Between Tps. 4 & 5 S. Range 10 W.
Gila and Salt River Mendocino

From the cor. to Tps. 4 & 5 S. Rgs. 10 & 11 W. Run
East on random line along N. bound-
ary of secs. 6. 5. 4. 3. 2 and 1.

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

As per Burt's improved solar compass.

I set mile and $\frac{1}{2}$ mile covs. tempora-
rily at every 40 and 80 chs, and at
5 miles and 79.40 chs. I intersect
at a point 2.20 chs. N. of cor. to
Tps. 4 and 5 S. ranges 9 and 10 W.

Therefore the correction for true
line back will be 60 lvs. N.,
and $36\frac{2}{3}$ lvs. S. per mile, and
from the cor. to Tps. 4 & 5 S. Rgs. 9 & 10 W. Run
N. $89^{\circ}44'$ W.

On true line between secs. 1 & 36.

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 stake and build

Between Tps. 4 & 5 S. Range 10 W.
Gila and Salt River Meridian

75.00 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. 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. 1, 2, 35 & 36, from which a mesquite, *Cin. dia. hirs.* S. 64° W. 252 lbs. dist. No other trees near.

Land level. Some good soil. A few trees.

N. 89° 44' W. true line bet. secs. 2 & 35.
var. 14° 50' East.

40.00 Set a post, marked 1/4 S. 4 ft long, flat-topped 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.

Between Tps. 4 & 5 S. Range 10 W.
Gila and Salt River Meridian

Ps. cor. from which

Amesquite, 5 in. dia. base S. 12° W. 51 lbs. dist.

do. 10 " " " N. 18° E. 209 " "

62.00 Dry wash, 15 lbs. wide, runs S.

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 & 35. No trees near.
Land level. Soil partly good. Seat-
tering trees.

N 89° 44' W. on true line bet secs. 3 & 34.
var. 14° 50' East

40.00 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
of earth 2 ft high, with pits 1 ft deep

Between Tps. 4 & 5 S. Rg. 10 W.
Gila and Salt River Meridian

Chs. 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 a
mound of earth 2 ft high, with pits
1 ft deep, 2 ft long, 1 ft wide, for cor. to
secs. 3, 4, 33 and 34. No trees near.
Land level. Some good soil. No timber.

N. 89° 44' W. on true line between secs. 4 & 33.

var. 12° 50' East.

40.00 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 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. No trees near.

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

Between Tps. 4 & 5 S. Range 10 W.
Gela 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 cor. to sec.
4.5. 32 and 33. No trees near.
Land level. Some good soil. No timber.

N. 89° 44' W. on true line bet. sec. 5 & 32.
var. 14° 50' 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 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.

73.40 Dry wash, 40 lbs. wide, runs S.

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 instruc-

Between Tps. 4 & 5 S. Range 10 W.

Tla & Salt River Meridian

R. towns, for con. to secs. 5, 6, 31 and
32. No trees near.

Land level. Soil partly good. No timber.

N. 89° 44' W. on true line bet. sec. 6 & 31.
var. 14° 50' East.

40.00 Set a post, marked 4 S. 4 ft. long, flattened 3 in.
wide, flat to the ground, dec. charred stake and
built mound of earth 2 ft. high, with hole 1 ft. deep, 2 ft.
long, 1 ft. wide, as per instructions, for 14 sec. cor. from which
Apale verde, 8 in. dia. tree, North, 343 lbs. dist.
No other trees near.

52.40 Dry wash, 20 lbs. wide, runs S.

79.40 Cor. to Tps. 4 & 5 S. Rps. 10 & 11 W.

Land level. Some good soil. A few trees.

January 26. 1877.

South Boundary Tp. 5 S. Range 11 West
Gila and Salt River Meridian

Survey commenced Feb'y 1. 1877.
 In running over the first standard
 parallel $S_{\frac{1}{4}}$ on S. boundary of town-
 ship 5 S. range 11 W., established by my-
 self on January 5. 1874, I discovered
 an error in the chaining, of an "out"
 of about 10 chs., on the S. boundary
 of sec. 33. I deemed it advisable
 to throw this deficiency into the
 S. boundary of sec. 36, in accord-
 ance with the general rule of throw-
 ing excesses or deficiencies into
 the W. tier of sections, inasmuch
 too as nothing was yet affected
 by this deficiency in the S. bound-
 ary of sec. 33.

I therefore start from the
 cor. to secs. 33 and 34, on S. bound-
 ary of Tp. 5 S. Range 11 W., said
 cor. being found as originally
 established, it being a

Corrected Line

BOOK 1638

S. Boundary of Tp. 5 S Range 11 W.
Gila and Salt River Meridian

No. post with mound of earth and pits, with
notches near. Thence I proceed
to re-establish the S. boundary of
the township by running over S.
boundary of secs. 33, 32 and 31,
as follows: (obliterating the old corners.)

West on true line on S. boundary sec. 33
var. $13^{\circ}55'$ East

As per Bart's imposed 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 1/2 ft. long, 1 1/2 ft. wide, as per in-
structions, 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 charred stake and build a
mound of earth 2 ft. high, with

S. Boundary of T₁. 5 S. Range 11 W.
 Gila and Salt River Meridian

Pos. pits 1 ft deep, 2 1/2 ft long, 1 1/2 ft wide,
 as per instructions for cor. to Secs.
 32 and 33, from which
 a Mesquite, 13 in. dia. has N. 52 W. 118 br. dist.
 do. 12 " " S 87 E. 344 " "

No other trees near.
 Land level. Soil good. Brush and a
 few trees.

West corner line, on S. boundary sec. 32
 over 13° 55' 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 2 ft high,
 with pits 1 ft deep, 2 1/2 ft long, 1 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 ft in the

Corrected Line.

BOOK 1638

S. Boundary of Tps. 5 S. Range 11 W.
Gila and Salt River Meridian

30. ground, drive charred stake and
build mound of earth 2 ft high, with
pits 1 ft deep, 2 1/2 ft long, 1/2 ft wide,
as per instructions for cor. to secs. 31
and 32. No trees near.
Land rolling. Soil partly good. No
timber of consequence.

West on true line on S. boundary sec. 31.
var. 13° 55' East

40.00 Set a post, marked 40. 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 1/2 ft long, 1/2 ft wide, as per instruc-
tions for 4 sec. cor. No trees near.

70.45 To cor. to Tps. 5 S. ranges 11 & 12 W., as previously
established by myself, and which I find standing
as established, it being a post, with mound of earth
and pits, and from which
A pale oxide, 12 in. dia. brs. N. 73 1/4° W. 139 brs. dist
do 10 " " " S. 64° W. 71 " "
do 11 " " " S. 52 1/2° W. 69 " "
A mesquite, 8 " " " S. 55° E. 147 " "
Land uneven. Soil poor. Scattering trees.
February 1. 1877.

Between Tps. 5 S. Rgs. 11 & 12 N.
Gila and Salt River Meridian

Survey commenced Febry 1. 1877.

Ths. From the Standard cor. to Tps. 5 S. Rgs. 11 and 12 N., described on foregoing page of this book, Iron North between secs. 31 & 36.
Var. $14^{\circ} 58'$ East

Asper 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 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 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 uneven. Soil better on last end. No timber.

Between Tps. 5 S. Rps. 11 & 12 W.
Gila and Salt River Meridian

No. North between seas. 25th & 30th
var. 14° 58' East

2.90 Old hay road bet. N. W.

3.00 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
for instructions, for T4 sec. cor. from which
Apale verde, 4 in dia bet. N. 32° W. 267 lvs. dist.
No other trees near.

3.00 Dry wash, 25 lvs wide, bet. S. E.

4.00 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 for in-
structions, for cor. to seas. 19, 24, 25 & 30, from which
Apale verde, 6 in dia bet. S. 52° E. 217 lvs. dist.

do. 8. . . N. 40° E. 183 . . .

Land level. Soil good. Scattered trees

Between Tps. 5 S. Rgs. 11 & 12 W.

Gila and Salt River Meridian

No. North, between secs. 19 & 20 W.

var. 14° 58' East.

40.00 Setapost, marked 4 S. 4 fl long, flat-
tued 3 in. wide, 1 fl in the ground, drive
charr'd stake and build mound
of earth 2 fl high, with pits 1 fl deep, 2 fl
long, 1 fl wide, as per instructions for 74
sec. cor. from which

Apalafevia, 10 in. dia. br. S. 81° E. 74 lns. dist.

Apalavide, 6 " " " N. 35° E. 74 " "

80.00 Setapost, marked & noletted, 4 fl long,
3 in. sq. fl in the ground, drive charr'd
stake and build mound of earth 2 fl high
with pits 1 fl deep, 2 fl long, 1 fl wide, as per in-
structions for cor. to secs. 13, 18, 19 & 20 W. from which

Apalafevia, 4 in. dia. br. S. 41° E. 124 lns. dist.

No other trees near.

Land level. Soil good. Scatter-
ing trees.

Between Tps. 5 S. Rgs. 11 & 12 N.
Gila and Salt River Meridian

Rs. North between sec. 13 & 18.

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

62.50 Dry wash, 50 lns. wide, lns. S. E.

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

7, 12, 13 and 18, from which

Apale road, 5 in. dia. lns. S. 79° N. 86 lns. dist.

do. 10 " " " N. 72° N. 210 " "

Land level. Soil partly good. A few trees

Between Tps. 5 S. Rgs. 11 E 12 W.
Gila and Salt River Meridian

Tps. North between secs. 7 and 12,
var. $14^{\circ} 58'$ East.

40.00 Set a post, marked $7/4$ S. $4/6$ long, flattened
3 in. wide. $1/2$ in. the ground, drive charred
stake and build mound of earth $2/3$ high
with pits $1/2$ ft deep. $2/3$ long. $1/2$ wide, as per
instructions for $1/4$ sec. cor. from which
Apalefaria, 7 in. dia. br. S. 72° E. 98 br. dist.
Apaleverde, 8 " " N. 12° E. 97 " "

80.00 Set a post, marked and notched, $4/6$
long. 3 in. sq. d. $1/2$ in. the ground, drive
charred stake and build mound of
earth $2/3$ high, with pits $1/2$ ft deep. $2/3$ ft
long. $1/2$ wide, as per instructions for
cor. to secs. 1, 6, 7 and 12. from which
Apaleverde, 10 in. dia. br. S. 52° E. 192 br. dist.
do. 4 " " N. 15° E. 231 " "

No other trees near.

Land level. A few scattering trees

Between Tps. 5 S. Rgs. 11 & 12 W.
Gila and Salt River Meridian

No. North between sec. 1 & 6.

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 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 T4 sec. cor. from which
Apalefcaro, 4 in. dia. cor. S. 12° W. 52 lbs. dist
do. 8 " " N. 83° W. 58 " "

80.00 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 pits 1 ft. deep,
2 ft. long, 1 1/2 ft. wide, as per in-
structions, for cor. to Tps. 4 and 5
S. ranges 11 and 12 W. No trees near.
Land level. Soil partly good.
A few trees.

Between Tps. 4 & 5 S. Range 11 W.
Gila and Salt River Meridian

Rs. From the cor. to Tps. 4 & 5 S. Rgs. 11 & 12 W. Draw
E. A. S. on random line along N. boundary
of sec. 6. 5. 4. 3. 2 and 1.

var. $15^{\circ}03'$ East.

As per Best's improved solar compass.

I set half mile and mile posts at
every 40 and 80 chs. temporarily,
and at 5 miles, and 68.40 chs.

I intersect at a point 1.30 chs. N.

of cor. to Tps. 4 and 5 S. Rgs. 10 and
11 W. Therefore the correction
for true line back will be 11.60 chs.

N., and $21\frac{2}{3}$ lbs. S. per mile. (For
explanation of the large deficiency in
length of this line, see page 59 of this

book.) From the cor. to Tps. 4 and

5 S. ranges 10 and 11 W. Draw
 $N. 89^{\circ}51' W.$

On true line between sec. 1 & 36.

var. $15^{\circ}03'$ East.

Between Tps. 4 & 5 S. Range 11 W.
Gela and Salt River Meridian

Res. Continued -

- 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. 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. 1, 2, 35 and 36. No trees near.
Land level. Soil good. No timber.
-

Between Tps. 4 & 5 S. Range 11 W.
Gila and Salt River Meridian

Chs. N. 89° 51' W. on true line bet. sec. 2 & 35.
var. 15° 03' East.

40.00 Set a post, marked 44 S. 4 ft long,
flattened 3 in wide, 1 ft in the ground,
drive charred stake and build a
mound of earth 2 ft high, with pits
1 ft deep, 2 ft long, 1 ft wide, as per
instructions, for 1/4 sec. cor. from which
Apale road, 9 in. dia. brs. S. 84° W. 119 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. 2, 3, 34 and 35. No trees near.
Land level. Some good soil. A few
trees

Between Tps. 4 & 5 S. Range 11 W.
Tila and Salt River Meridian

Sec. N. 89° 51' W. entire line bet. sec. 3^d & 3^d 4th.
var. 15° 03' 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 pile 1 ft deep, 2 ft long, 1 ft wide,
as per instructions, for $\frac{1}{4}$ sec. cor.
from which

Apaleferia, 12 in. dia. tree, S. 5° W. 209 lbs. dist.
do. 13 " " N. 63° W. 265 " "

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 pile 1 ft deep, 2 ft long, 1 ft wide, as per
instructions, for cor. to Secs. 3, 4, 3^d and
3^d 4th from which

Apaleferia, 10 in. dia. tree, S. 60° W. 186 lbs. dist.
No other trees near.

Land level. Soil partly good. A few trees
February 1. 1877.

Between Tps. 4th & 5th S. Range 11 W.
Gila and Salt River Meridian

Ln 189° 51' W. on true line between 4th & 33.
var. 15° 03' East

40.00 Set a post, marked 14 S. 4 ft long, flat-
tened 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 instruc-
tions, for 14 sec. cor. from which
Apale verde, 4 in. dia. bar. East, 300 lbs. dist
No other trees near.

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. 4, 5, 32 and 33.

No trees near.

Land level Soil partly good.
A few scattering trees.

Between Tps. 4 & 5 S. Range 11 W.
Gila and Salt River Meridian

- Tps. 4 & 5 S. Range 11 W. true line bet secs. 5 & 32
 dir. $15^{\circ} 3'$ 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 1/4 sec. cor. from which
 Apaleoide, 6 in dia. cor. N. 37° W. 150 lns. dist.
 do. 11 " " " N. 75° W. 136 " "
- 22.20 Dry wash, 30 lns. wide, cor. S. E.
- 80.00 Set a post, marked and notched, 4 ft long,
 3 in. sq. d. 1 ft in the ground, drive charred
 stake 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 from which
 Apaleoide, 6 in dia. cor. N. 33° W. 181 lns. dist.
 do. 4 " " " S. 35° E. 127 " "
- Land level. Soil partly good. A few trees -

Between Tps. 4 & 5 S. Range 11 W.
Gila and Salt River Meridian

Sec. 1890 51' W.

On true line between Secs. 6 & 31.

var. 15' 03' East.

- 40.00 Dry wash, 20 lvs. wide, bas. S. E.
- 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
- Apale verde, Gila Co. bas. South, 20 lvs. dist.
No other trees near.
- 45.50 Dry wash, 100 lvs. wide, bas. S. E.
- 68.40 Cor. to Tps. 4 & 5 S. ranges 11 and 12 W.
Land level. Soil partly good.
Scattering trees.
- February 2, 1877.

BOOK 1633

Between Tps. 6 & 7 S. Range 11 W.
Gila and Salt River Meridian

- Survey commenced Feby 8. 1877.
- No. From the cor. to Tps. 6 & 7 S. Rgs. 10 & 11 W.,
established by myself in these present sur-
veys. - Iron
NE $\frac{1}{4}$ on true line between sec. 1 & 36.
var. $14^{\circ} 12'$ East.
- Used Burt's improved solar compass.
- 40.00 Remote from stone and 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 instruc-
tions, for $\frac{1}{4}$ sec. cor.
- 58.00 Old road base. S.
- 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 sec. 1,
2, 35 and 36. No trees near.
Land level. Soil partly good.
No timber.

Between Tps. 6 & 7 S. Range 11 W.
Gila and Salt River Meridian

Ch. West on true line bet secs. 2 & 35.

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

27.30 Road bns. S.

40.00 Remote from stone and 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 $\frac{1}{4}$ sec. cor.

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, 35 and 34.

No trees near.

Land level. Some good soil.

No timber.

Between Tps. 6th & 7th S. Range 11th W.
Gila and Salt River Meridian

No. West on true line 66 sec. 3rd & 34th
var. 14th 1/2 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 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 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
sec. 3, 4, 33 and 34.

No trees near.

Land level. Some good soil.
No timber.

Between Tps. 6 & 7, Range 11 N.
Sila and Salt River Meridian

75. West contour line bet. secs. 4 & 33.
var. $14^{\circ}12'$ East.

40.00 Set a post, marked 445. 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
cor. to one quarter sec.

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. 4, 5, 32 and 33.

No trees near.

Land level. Soil partly good. No timber.

Between Tps. 6 & 7 S. Range 11 W.
Gila and Salt River Meridian

No. West on true line bet secs. 5 & 32.
var. $14^{\circ}12'$ East

40.00 Set a post, marked $1/4$ S. $4/8$ 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 $1/4$ sec. cor.
No trees near.

49.00 Hay road.

80.00 Set a post, marked and notched,
 $4/8$ ft long, 3 in. sq. ft in the ground,
drive charred stake and build mound
of earth 2 ft high, with pits 1 ft deep,
2 ft long, 1 ft wide, as per in-
structions, for cor. to secs. 5, 6,
31 and 32. No trees near.
Land level. Some good soil.
No timber.

Between Tps. 6 & 7 S. Range 11 N.
Gila and Salt River Meridian

No. West on true line bet. secs. 6 & 31.
var. $14^{\circ}12'$ East

48.00 Set a post, marked $1/4$ S. $4/8$ ft long,
flattened 3 in. wide, 1/2 in the ground,
drive charred stake and build
mound of earth 2 ft high, with pits
1 ft deep, 2 ft long, 1/2 ft wide, as per
instructions for $1/4$ sec. cor.

No trees near.

57.60 Hay road bas. S.

And allowing 1.88 chs. for convergence, at
78.12 Set a post, marked & notched, $4 1/2$ ft long,
4 in. sq. d. 1/2 in the ground, drive 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 instruction, for cor.
to townships 6 & 7 S. Ranges. 11 and
12 N. No trees near.

Land level. Some good soil. No timber.

Between Tps. 6 S. Ranges 11 E 12 W.
Tila and Salt River Meridian

No. From the last foregoing cor. established,
(cor. to Tps. 6 E & S. Rgs. 11 E & 12 W.) I run
North between secs. 31 & 36.
var. 15° East.

Asper 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 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. 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
from to sec. 25, 30, 31 & 36. No trees near.
Land level. Soil good. No timber.

Between Tps. 6 S. Ranges 11^E & 12^W.
Gila and Salt River Meridian

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

40.00 Set a post, marked 14 S. 4 ft long, flat-
tired 3 in. wide, 1 ft in the ground, drive
chased 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. from which

Apaleferra, 8 in dia. br. S. 30° E. 140 lks. dist.

do. 4 " " " N. 40° W. 145 " "

80.00 Set a post, marked and notched, 4 ft
long, 3 in. sq. d. 1 ft in the ground,
drive chased 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, 24, 25 & 30. from which

Apaleferra, 12 in dia. br. S. 30° E. 176 lks. dist.

No other trees near.

Land level. Soil good. Scattering trees.

Between Tps. 6 S. Rgs. 11 & 12 N.
Gila and Salt River Meridian

Sec. North between secs. 19 & 20
var. 15° East

11.50 Enter bottom land.

40.00 Set a post, marked $1/4$ S. $1/4$ flong, flattened
3 in. wide, 1 ft. in the ground. Drive charred
stake and build mound a fourth of ft. high,
with pits 1 ft. deep, 2 ft. long, 1 ft. wide, as per
instructions, for $1/4$ sec. cor. from which
A Mesquite, 8 in. dia. br., S. $23\frac{1}{2}^{\circ}$ W. 146 lvs. dist.
do. 6 " " " N. 75° W. 150 " "

80.00 Set a post, marked and notched, $1/4$
flong, 3 in. sq. 1 ft. in the ground,
drive charred stake and build mound
a fourth of ft. high, with pits 1 ft. deep, 2
ft. long, 1 ft. wide, as per instructions
for cor. to secs. 13, 18, $19\frac{1}{2}$ N. from which
A Mesquite, 10 in. dia. br., N. $74\frac{1}{2}^{\circ}$ W. 64 lvs. dist.
do. 6 " " " N. 48° E. 83 " "
Land level. Soil good. Scattering trees.

Between Tps. 6 S. Rps. 11 & 12 N.
Gila and Salt River Meridian

Tps. North between secs. 13 & 18.

var. 15° East

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

A mesquite, 14 in. dia. bro. S. 18 1/2° E. 221 lbs. dist.

do. 7. . . . S. 82 1/2° N. 131 . . .

42.25 Old river bank, bro. N.

54.43 Intersect left bank Gila river, bro. 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 frac. Secs. 13 & 18, from which

A willow, 7 in. dia. bro. S. 37 1/2° E. 162 lbs. dist.

I now set flag on line, on opposite

Between Tps. 6 S. Rgs. 11 & 12 N.
Gila and Salt River Meridian

- 70.00 bank of river and measure off a base line 200 lbs. E₇ to point whence flag bro. N. 70° 13' W, marking distance across stream on line, 15.80 chs.
- 70.23 Right bank of river, on line. 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 pit on line N. for cor. to frac. sec. 13¹/₈.
- 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. 7. 12. 13¹/₈. No trees near land near bottom. Scattering trees.

Between Tps. 6 S. Rgs. 11 E. 12 W.
Tila and Salt River Meridian

Ths. North between sees. 11 E. 12 W.
var. 15° East.

4000 Set a post, marked 1/4 S. 4 ft long,
flattened 3 in wide, 1 ft in the ground,
drive charred stake and build 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. from which
Kottawood, 20, in dia. br., N. 62° W. 164 las. dist.
do. 16. . . . N. 56 1/2° E. 206 . . .

5400 Old river bank, brs. W.

80.00 Set a post, marked and notched, 1/4
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 sees. 1. 6. 7
and 12. No trees near.
Land level. Soil good. Scattering trees.

Between Tps. 6 S. Rps. 11 & 12 N.
Gila & Salt River Meridian

Pro. North between sec. 1 & 6.
var. 15° East

1.70 Road bro. N.

40.00 Set a post, marked 4 S. 4 ft long, flattened
3 in. wide, 4 ft in the ground, drive charred stake
and build mound of earth 2 ft high, with
pits 4 ft deep, 2 ft long, 4 ft wide, as per in-
structions for 4 sec. cor. from which
a Mesquite, 8 in. dia. base, S. 80° E. 205 lbs. dist.
No other trees near.

80.61 Intersect first Standard Parallel S. 13.40 chs.,
E. of sec. to Tps. 5 S. Ranges. 11 & 12 N. Set a
post, marked & notched, 4" x 2 ft long, 4 in. eqd.,
4 ft in the ground, drive charred stake and
build mound of earth 2 1/2 ft high, with 3
pits 4 ft deep, 3 ft long, 1 1/2 ft wide, as per in-
structions for closing cor. to Tps. 6 S. Rps.
11 & 12 N. No trees near. Land level.
Soil good. Scattering trees.

February 8, 1877.

Between Tps. 7 & 8 Rgs. 11 & 12 N.

Gila and Salt River Meridian

Survey commenced February 14, 1877.
 No. From the cor. to Tps. 6 & 7 S. Rgs. 11 & 12 N.
 (Previously established by myself in these present
 surveys.) Run

South, on true line between secs. 1 & 6.
 var. 15° East

Asper Burt's improved solar compass.

40.00 Set a post, marked 14 S. 4 ft long, flattened
 3 in. wide, flat 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. from which
 a mesquite, 7 in dia. bas. N. 35° W. 70 lvs. dist.
 No other trees near.

75.00 Arroyo, 20 lvs. wide, bas. N. W.

80.00 Set a post, marked and notched, 4 ft long, 3
 in. sq. d. flat 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 secs.
 1, 6, 7 & 12. No trees near. Land level. Some
 good soil. A few trees.

Between Tps. 7 S. Rgs. 11 E 12 N.
Gila and Salt River Meridian

Sec. South on true line bet sec. 7 & 12.
var. 15° 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 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 sec.
7, 12, 13 and 18. No trees near.
Land level. Some good soil.
No timber.

Return Tps. 7 S. Rgs. 11 & 12 T.

Gila and Salt River Meridian

700 South on true line bet. sec. 13 & 18.
ran 15° East

4000 Set a post, marked 14 S. 4 ft long,
flattened 3 in. wide, 6 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

8000 Set a post, marked and notated,
4 ft long, 3 in. sqd. 6 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.

No trees near.

Land level. Soil partly good.

No timber.

Between Tps. 17 S. Rgs. 11 & 12 N.
Gila and Salt River Meridian

Sec. South on true line between 19 & 24.
100. 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 instructions
for cor. to 4 sec. 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. 24. 25 & 30.

No trees near.
Land level. Soil partly good.
No timber.

Between Tps. 7 S. Rgs. 11 & 12 N.
Gila and Salt River Meridian

Pos. South between secs. 25 & 30.
var. 15° East

40.00 Set a post, marked 14 S. 4 ft long, flattened
3 in. wide, 1 ft in the ground, drive chisel
stake and build mound of earth 2 ft
high with pits 1 ft deep, 2 ft long, 1 ft wide,
as per instructions, for 4 sec. cor. from which
Apaleferra, 12 in. dia. cor. N. 40° W. 238 lks. 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 chisel
stake and build mound of earth 2 ft
high with pits 1 ft deep, 2 ft long, 1 ft wide,
as per instructions, for cor. to Secs.
25, 30, 31 and 36, from which
Apaleferra, 6 in. dia. cor. West, 166 lks. dist.
do. 8 " " " N. 32° W. 153 " "
No other trees near. Land level.
Soil good. Scattering trees.

Between Tps. 7 S. Rgs. 11 & 12 N.
Sida and Salt River Meridian

No. South between sec. 31 & 36.
Var. 15° East

22.00 Arroyo, 25 lvs. wide, bas. N. E.

48.00 Set post, marked 48. 4 ft long flattened 3 in. wide, 1 ft. in
the ground, drive charred stake and build mound of
Earth 2 ft high, with pile of dead 2 ft long, 1 ft wide,
as per instructions, for 14 sec. cor. from which
Apale ferns, 12 in. dia. bas. N. 30° E. 47 lvs. dist.
Apale verde, 4 " " " East, 53 " "

57.00 Leave table land and ascend ridge.

74.30 Top of stony ridge.

80.00 Set post, 4 1/2 ft long, 4 in. sq. d. marked
and notched, 1 ft. in the ground, and
build mound of stones 2 ft high, as per
instructions, for cor. to townships 7
and 8 S. ranges 11 & 12 N. from which
Apale verde, 4 in. dia. bas. N. 10° N. 197 lvs. dist.
No other trees near. Land broken.
Soil poor. A few trees.

Between Tps. 7 & 8 S. Range 12 W.
Gila and Salt River Meridian

Ps. From cor. to Tps. 7 & 8 S. Rps. 11 & 12 W., just
established, Iron

WEST on true line bet. secs. 1 & 36.
var. $14^{\circ}40'$ East

As per Burt's improved solar compass.

15.00 Enter table land.

40.00 Set a post, marked "4", 4 ft long, flattened 3 in wide,
1 ft in the ground, drive charred stake and build
a mound of earth 4 ft high, with pits 1 ft deep, 2 ft long
1 ft wide, as for instructions, for Tps. cor. from which
Apaleferra, 7 in. dia. hor. South, 25 lns. dist.
do. 7 " " " S. $39^{\circ}E$. 69 " "

80.00 Set a post, marked "6", 4 ft long, 3 in. sq. ft
in the ground, drive charred stake and build a
mound of earth 4 ft high, with pits 1 ft deep, 2 ft
long, 1 ft wide, as for instructions, for cor. to
secs. 1, 2, 35 and 36 of same block
Apaleferra, 6 in. dia. hor. S. $46^{\circ}N$. 249 lns. dist.
Apaleverde, 5 " " " S. $60^{\circ}E$. 130 " "
No other trees near.
Land mostly level. A few scattering trees.

Between Tps 7 & 8 S. Range 12 N.
Sola and Salt River Meridian

No. West true line between secs 2 & 35.
var. $14^{\circ}40'$ East

40.00 Set a post, marked "4 S. 4 ft. long, flat-
tened 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. 2, 3, 34 & 35, from which
a pale verde, 6 in. dia. has S. 8° E. 54 lbs. dist.
do. 9 " " S. 55° E. 130 " "

No other trees near.

Land level. Some scattering trees

Between Tps. 24 & 8 S. R. 12 W.
Tela and Salt Cass Meridian

Rs. West true line bet. sec. 3 & 34.
var. $14^{\circ}40'$ East.

40.00 Set a post, marked 44 S. 4 ft.
long, flattened 3 in. wide, 4 ft.
in the ground, 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 4 sec. cor.
from which

Apalefaria, 9 in dia. cor. S. 25 W. 73 lbs. dist.

Apaleverde, 10. " " East, 212. " "

50.00 Foot of low ridge.

55.00 Top of same.

63.00 Table land.

80.00 Set a post, marked and notched, 4
ft long, 3 in. sqd. 4 ft in the ground.
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 cor. to sec.

Between Tps. 7 and 8 S. Range 12 W.
Island Salt River Meridian

Sec. 34. 33 and 34, from which
Apale verde, 8 in dia. tree, N. 15° W. 203 lbs dist.
Apale feria, 8 " " " S. 18° E. 77 " "
No other trees near.
Land somewhat broken. Scattered trees.

Weston true line bet. sec. 4 & 33.

var. 14° 40' 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 2 ft high
with pits 1 ft deep, 2 ft long, 1 ft
wide, as per instructions for 1/4
Sec. cor. from which

Apale feria, 6 in dia. tree, North, 22 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

Between Tps. 24 & 8 S. R. 12 W.
Gila and Salt River Meridian

No. 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, from which
Apale Verde, 4 in. distant N. 44° E. 54 ft. dist.
Apaleferia, 6 " " " N. 31½° E. 111 " "
No other trees near.
Land level. Some good soil.
Scattering trees

West on true line bet. sec. 5 & 32.
var. 14° 40' 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.

Between Tps. 7 & 8 S. Range 12 W.
Sela and Salt River Meridian

Pro. Notrees near.

80.00 Set a post, marked and
notched, 4 ft long, 3 in.
sqd. pt. 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. 5, 6, 31 and
32. Notrees near.

Land level. Some good soil
No timber.

Nest

Outline line between sec. 6 & 31.
var. $14^{\circ}40'$ East.

40.00 Set a post, marked 74 S.
4 ft long, flattened 3 in.
wide, 1 ft in the ground,

Between Tps. 7 & 8 S. Range 12 N.
Gila and Salt River Meridian

No. 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.

And allowing 1.41 chs. for con-
vergence of meridians, - at

78.59 Set a post, marked and
notched, $4\frac{1}{2}$ ft long, 4 in.
sq'd. 4 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, $1\frac{1}{2}$ ft
wide, as per instructions, for
cor. to townships 7 & 8 S. Ranges
12 and 13 N. No trees near.

Land level. Some good soil. No timber.
February 14. 1877.

Between Tps. 7 S. Rgs. 12 & 13 W.
Gila and Salt River Meridian.

Ths. From the cor. last established, to Tps. 7 & 8 S. Rgs. 12 & 13 W.
Drive

North between secs. 31 & 36.
var. $14^{\circ}39'$ East.

As per 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 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 charred stake and build mound of earth 2 ft high, with pits 1 ft deep, 2 ft long, 1 ft wide,

Between Tps. T. S. Rgs. 12 & 13 N.
Gila and Salt River Meridian

hrs. as per instructions, for cor. to
secs. 25, 30, 31 and 36.

No trees near.

Land level. Soil partly good.

No timber.

North between secs. 25 & 30.
var. 1439 East

40.00 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 4 sec. cor. No trees near.

80.00 Set a post, marked "E. notched 4 ft. long 3 in. 2 ft.
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 cor. to secs. 19, 24,
25 and 30. No trees near. Land level.
Some good soil. No timber.

Between Tps. 7 S. Rgs. 12 & 13 N.

Gila and Salt River Meridian

No. North between secs. 19 & 24
cor. $14^{\circ}39'$ 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 instructions for "4 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 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 24. No trees near.
Land level. Soil good. No timber.

Between Tps. 17 S. Rgs. 12 & 13 N.
Gila and Salt River Meridian

Rs. North between secs. 13 & 18.

var. $14^{\circ}39'$ East

40.00 Set a post, marked $1/4$ S. $4/8$ 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, $4/8$ 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. 7, 12, 13 and 18. No trees near. Land level. Some good soil. No timber.

Between Tps. 7 S. Rgs. 12 & 13 N.
Gila and Salt River Meridian

hs. North between secs. 7 & 12,
var. $14^{\circ}39'$ East

40.00 Set a post, marked $\frac{1}{4}$ S. $\frac{1}{4}$ flong,
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 $\frac{1}{4}$ sec.
Cor. No trees near

44.80 Hay road, hrs. N. W.

80.00 Set a post, marked and notched,
 $\frac{1}{2}$ flong, 3 in sq. d. $\frac{1}{2}$ 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.
1, 6, 7 and 12. No trees near.
Land level. Soil partly good.
No timber.

Between Tps. 7th & 8th Rgs. 12th & 13th N.
Gila and Salt River Meridian

No North between secs. 1 & 6.

var. $14^{\circ} 39'$ East.

40.00 Setapost, marked "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. from which

Apale verde, 8 in dia. bar, S. 40° N. 149 lbs. dist.

do. 5 " " " S. 25° N. 127 " "

40.30 Road bar. E.

80.00 Setapost, marked E notched, $4\frac{1}{2}$ ft
long, 4 in sqd. 1 ft in the ground, drive charred
stake and build mounds of earth $2\frac{1}{2}$ ft high,
with pits 1 ft deep, 2 ft long, $1\frac{1}{2}$ ft wide
as per instructions, for cor. to Tps. 6 and
7 S. Rgs. 12 and 13 N. from which

Apale verde, 5 in dia. bar, S. $52\frac{1}{2}^{\circ}$ N. 164 lbs. dist.
No other trees near.

Land level. Some good soil. A few trees.

Between Tps. 6 & 7 S. Range 12 W.
Gila and Salt River Meridian

Trs. From the cor. just established, to Tps 6 and 7
S. ranges 12 and 13 W. I run
E. A. H. a random line along N.
boundary of secs 6, 5, 4, 3, 2 & 1.

var. $140^{\circ}54'$ East

Asper Beut's improved solar compass.

I set $\frac{1}{2}$ mile and mile temporary
cors. at every 40 and 80 chs.,
and at 5 miles and 78.30 chs.

I intersect at a point 80 lns. S. of
cor. to Tps. 6 and 7 S. ranges 11 and
12 W. Therefore the correction
back, for true line will be 1.70 chs.
W. and $13\frac{1}{3}$ lns. N. per mile.

From the cor. to Tps. 6 and 7 S.
ranges. 11 and 12 W. I run
S. $89^{\circ}54'$ W.

On true line between secs. 1 & 36.

var. $140^{\circ}54'$ East

40.00 Set a post, marked $\frac{1}{4}$ S. 4 ft. long

Between Tps. 6^e & 7^e Range 12th
 Teta and Salt River Meridian

8000. 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
 Apaleferia, 10 in. dia. trs. N. 10° W. 155 lead dit.
 No other trees near.

8000. Set a post, marked and notched, 4 ft
 long, 3 in. sq. d. 1 ft in the ground. Drive
 charred stake and build mound of earth
 2 ft high, with pits 1 ft deep, 2 ft long, 1 ft wide,
 as per instructions, for cor. to secs. 1, 2,
 35 and 36. from which

Apale verde, 10 in. dia. trs. S. 42° W. 287 lead dit.

do. 8 " " " S. 20° W. 273 " "

do. 7 " " " N. 63½° W. 154 " "

o Mesquite, 6 " " " N. 8° W. 94 " "

Land level. Soil good. Some pale
 Verde and mesquite timber.

Between Twp. 58th S. Range 17th W.
Gila and Salt River Meridian

No. 89034 N. on true line between 2 & 35.

var. 14° 57' East

40.00 Set a post marked 748. 4 ft long, flat-
tend 3 in. wide, 1 ft in the ground,
drive charred stake and build mound
of earth 2 ft high, with pits 1 ft
deep, 2 ft long, 1 ft wide, as per in-
structions, for 14 sec. cor.

No trees near.

80.00 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.
2, 3, 34 and 35.

No trees near.

Land level. Soil partly good.
A few trees.

Between Tps. 6 E of S. Range 12 N.
Gila and Salt River Meridian

- hs. S. 89° 54' N. on true line bet. secs. 3 & 34.
var. 14° 54' 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. 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 and 34, from which
Armesquite, 5 in. dia. bss. N., 226 lbs. dist.
No other trees near.
Land level. Soil partly good. A few trees.

Between Tps. 6^E & 7^E S. Range 12^W.
 6th and Salt River Meridian

Tps. S. 89° 54' N. on true line bet sec. 4 & 33
 var. 149° 54' East

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

80.00 Set a post, marked E notched, 4 ft
 long, 3 in. sq. d. 1 ft in the ground,
 drive charred stake and build a
 mound of earth 2 ft high with
 pile 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. Some good soil.

No timber.

Between Tps. 6th & S. R. 12th.
Gila and Salt River Meridian

Pos. S. 89° 54' W. on true line bet sec. 5 & 32.
var. 14° 54' East

40.00 Set a post, marked "4 S. 4 ft long, flat-
tined 3 in. wide, 1 ft in the ground, drive
chased 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. from which
Aphalarode, 8 in. dia. bas. N. 70° E. 79 lbs. dist.
No other trees near.

53.00 Enter bottom.

80.00 Set a post, marked & notched, 4 ft long, X
3 in. sq. d. 1 ft in the ground, drive chased 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. 5, 6, 31 & 32, from which
Amesquite, 8 in. dia. bas. N. 65° E. 46 lbs. dist.
do. 4 " " " N. 35° W. 163 " "
do. 7 " " " S. 34° E. 115 " "
Land level. Soil good. Scattering trees

Between Tps. 6 & 7 S. Range 12 W.
Gila and Salt River Meridian

- Tps. S. 8937¹/₂ N. on true line bet. sec. 6 & 31
var. 14054 East.
- 39.00 Road bet. N.E. and S.W.
- 40.00 Set a post, marked 14 S. 4 ft long,
flattened 3 in wide, 1 ft in the ground,
dun 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. from which
a mesquite, 12 in. dia. bet. N. 48° W. 239 lbs. dist.
No other trees near.
- 47.00 Rise out of bottom.
- 48.00 Bluff.
- 78.30 Cor. to townships 6 & 7 S. Rgs. 12 & 13 W.

Land bottom, then ascending to higher
land. Soil good. A few trees.
February 15, 1877.

Between Tps. 6 S. Rgs. 12 & 13 N.

Gilaud Salt River Meridian

Survey commenced February 21. 1877.
From the cor. to Tps. 6 & 7 S. ranges 12
and 13 N., established by myself in
these present surveys, from

North between sec. 31 & 36.
Dir. $14^{\circ} 54'$ East.

As per Bart's improved solar compass.

14.00 Enter bottom.

33.00 Yuma road crs. N.

40.00 Set a post, marked 74 S. 4 ft long, flat-
tened 3 in. wide, 1 ft in the ground,
drive charred stake and build
mound of earth 2 ft high, with
pits 1 ft deep, 2 ft long, 1 ft wide, as
per instructions for 74 sec. cor.
from which

A mesquite, 8 in. dia. crs. S. 10° E. 172 lns. dist.

do. 5 " " " S. $61\frac{1}{2}^{\circ}$ E. 185 " "

74.40 Old river bank, crs. N.

80.00 Set a post, 4 ft long, 3 in. sqd.

Between Tps. 6 S. Rgs 12 & 13 N.
Gila and Salt River Meridian

Post marked and notched, 1 ft. in the ground, drive charred stake and build mound of earth 2 ft. long, 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 Cottonwood, 9 in. dia. tree. N. 77° W. 101 lns. dist.
- do. 12 " " " S. 55° W. 110 " "
- do. 13 " " " S. 18° E. 166 " "
- do. 6 " " " N. 71° E. 148 " "

Land level. Soil 1st rate. Some cottonwood timber

North between secs. 25 & 30.
var. 14° 54' East

4000 Stakepost, marked 1/4 S. marked 1/4 S. 4 ft. long, flattened 3 in. wide, 1 ft. in the ground, drive charred stake and build mound of

Between Tps. 6 S. Rgs. 12 & 13 N.
Gila and Salt River Meridian

No. 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, 6 in. dia. bas. S. 16° E. 203 lbs. dist.
 do. 3 " " " N. 70° E. 30 " "

55.03 Intersect left bank Gila river,
 bas. S. 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 5. for cor. to
 fractional sec. 25 and 30.

I now set flag on line on opposite
 bank of river, and measure
 off a base 100 lbs. E. to point
 whence flag bas. N. 105° 3' N.,
 making distance across stream
 on line 5. 20 chs.

60.23 Right bank of river, on line. Set
 a post, marked, 4 ft long, 3 in.

Between Tps. G. S. Rgs. 12 & 13 N.
Gila and Salt River Meridian

- No. sqd. 1 ft in the ground, drive charred stake and build mound of earth 2 ft high, taken from pit on line N. for cor. to frac. secs. 25 and 30.
- 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. 19, 24, 25 and 30, from which
 Armesquite, 10 in. dia. hrs. S. $50\frac{1}{2}^{\circ}$ E. 140 lbs. dist.
 No other trees near.
 Land rich bottom. Scattering trees.
- North between secs. 19 & 24
 var. $14^{\circ} 54'$ East
- 12.60 Old road hrs. S. N.

Between Tps. 6 S. Rgs. 12 & 13 N.
Gila and Salt River Meridian

Tps. Continued -

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 a
mound of earth 2 ft high, with
pits 1 ft deep, 2 ft long, 1 ft wide, as
per instructions, for $\frac{1}{4}$ sec. cor.
from which

Amesquite, 11 in. dia. tree, S. 42° W. 82 lbs. dia.

do. 7 " " " N. 20° E. 16 " "

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 sec. 13, 18, 19 & 24. from which

Amesquite, 7 in. dia. tree, N. 3° E. 123 lbs. dia.

No other trees near.

Land level. Soil good. Scattering trees.

Between Tps. C. S. Rgs. 12 & 13 N
Gila and Salt River Meridian

Secs. North between secs. 13 & 18.

Var. 14° 54' 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 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. tree, N. 43° W. 26 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
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, from which

Amesquite, 7 in. dia. tree, S. 19° E. 90 lbs. dist.
No other trees near. Land level, soil
good. Scattered trees.

Between Tps. 6 S. Rps. 12 & 13 N.
Gila and Salt River Meridian

No. North between secs. 7 & 12
var. $14^{\circ}54'$ East

40.00 Set a post, marked 14 S. 4 ft long, flat-
tend 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, 3 in. dia. base. S. 35° W. 87 lbs. dist
No other trees near.

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. 1, 6, 7 and 12.

No trees near.

Land level. Soil partly good.

A few trees.

Between Tps. 6 S. Rqs. 12 & 13 W.
Gila and Salt River Meridian

Tps. North between secs. 1 & 6,
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 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 4 sec. cor. No trees near.

50.87 Intersect first standard parallel S, 15.86
Tps. E. of standard cor. to Tps. 5 S. Rqs.
12 and 13 W. Set a post, 4 1/2 ft long,
4 in. sq. d. marked and notched,
1 ft in the ground, drive charred stake
and build mound of earth 2 ft high,
with pits 1 ft deep, 3 ft long, 1 1/2 ft wide,
as per instructions for closing cor.
to Tps. 6 S. Rqs. 12 and 13 W.
No trees near.

Land level. Soil 2^o rate. A few trees.

February 21. 1877.

Between Tps. 5 S. Rgs. 12 & 13 W.
Gila and Salt River Meridian

Survey commenced Feby 27. 1877.

Tps. Beginning at the standard cor. to Tps. 5 S. ranges 12 and 13 W., I find that cor. standing as established by myself on Jan'y 6. 1874, - it being a post with mound of earth and pits, from which

Apaleferria, 4 in. dia. has N. 51° W. 311 lbs. dist.

And from this cor. I run

North between secs. 31 & 36.
Cor. 14° 55' East.

As per Burt's improved solar compass.

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

80.00 Set a post, marked and notched

Between Twp. 5 S. Rgs. 12 & 13 W.
Gila and Salt River Meridian

Pro. 4 ft. long, 3 in. sq. d. 1 ft. in the ground,
drive charred stake and build
mound of earth 2 ft. high, with pits
1 ft. deep, 2 ft. long, 1 ft. wide, as per in-
structions, for cor. to secs. 25, 30, 31 & 36.
No trees near.
Land level. Soil partly good. A few trees.

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

Between Tps. 5 S. Rgs. 12 & 13 N.
Gela and Salt River Meridian

Ps. 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. 19, 24, 25 and 30.

No trees near.

Land level. Some good soil.

No timber.

North between secs. 19 & 24.
var. $14^{\circ}55'$ 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.

49.90 Dry wash, 50 hrs. wide, bro. E.

80.00 Set a post, marked and notched,

Between Tps. 5 S. Rgs. 12 & 13 N.

Gila and Salt River Meridian

No. 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 feria, 5 in. dia. br. S. 80° N. 12 br. dia.
do. 9 " " " N. 25° E. 240 " "
No other trees near.
Land level. Soil partly good.
A few trees.

North between secs. 13 & 18,
var. 14° 55' East.

7.00 Ascend.
29.80 Dry wash, 30 br wide, br. S. E.
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

Peterson Sp. 5 S. Rq. 12 & 13 N.
Gila and Salt River Meridian

Chs. 2 ft high, with pits 1 ft deep, 2 ft long
1 ft wide, as per instructions for
1/4 sec. cor. from which
Apaleferra, 8 in. diam. S. 32° N. 139 least dit.
do. 5 " " " N. 53° N. 226 " "

80.00 Set a post, marked and notched,
4 ft long, 3 in. sq. d. 1 ft in the ground,
and build mound of stones
2 ft high, as per instructions
for cor. to sec. 7, 12, 13 and
18. No trees near.

Land level and ascending.
A few scattering trees

North between sec. 7 & 12.
var. 14° 55' East.

40.00 Set a volcanic rock, 13 x 8
x 6 inches, 2/3 in the ground,
marked 14, and on N. build
mound of stones 2 ft high

Between Tps. 5 S. Rps. 12 & 13 W.

Gila and Salt River Meridian

No. as per instructions for 1/4 sec. cor.
No trees near. At S. base of
hill.

Ascend rocky hill.

80.00 Set a volcanic rock, 14 x 9 x 5
inches, 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. 1, 6, 7 and
12. No trees near. On rocky
slope of hill.

Land over rocky hill.

Soil worthless.

No timber.

North between secs 1 & 6,
var 14° 55' East.

Pass over rocky hill.

40.00 Set a volcanic rock, 12 x 8

Between Tps. 5 S. Rps. 12 & 13 W.
Gila and Salt River Meridian

No. x 7 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, $14 \times 8 \times 6$
inches, $\frac{2}{3}$ in the ground, marked
N. S. E. and W., and on N. build
mound of stones 2 $\frac{1}{2}$ ft
high, as per instructions, for
cor. to townships 4 and 5
S. ranges 12 and 13 W.
No trees near.

Land broken hills. Soil stony
and poor. No timber.

Between Tps. 4 & 5 S. Range 12 W.
Gila and Salt River Meridian

Tps. From the cor. just established, to Tps.
4 & 5 S. ranges 12 & 13 W. I run
East on random line along N.
boundary of sects 6, 5, 4, 3, 2 & 1.
var. $14^{\circ}52'$ East

As per Beut's unimproved solar compass.
I set temporary $\frac{1}{2}$ mile and mile
cors. at every 40 and 80 chs.,
and at 5 miles and 78.90 chs. I
intersect at a point 1.35 chs. S.
of cor. to Tps. 4 and 5 S. ranges
11 and 12 W.

Therefore the correction for true line
back will be 110 lbs. N., and
 $22\frac{1}{2}$ lbs. N. per mile.

From the cor. to Tps. 4 and 5 S.
ranges 11 and 12 W. I run
S. $89^{\circ}50'$ W.

On true line between secs 1 & 36.
var. $14^{\circ}52'$ East

Between Tps. 4 & 5 S. Range 12 W.
Gila and Salt River Meridian

Ans. 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
Apaleverde, 8 in. dia. base S. 50° E. 88 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.
1, 2, 35 and 36, from which
Apalefeira, 6 in. dia. base N. 27° W. 158 lbs. dist.
do. 5 " " " N. 70° E. 109 " "
Land level. A few scattering trees.

Between Tps. 4 & 5 S. Range 12 N.
Gila and Salt River Meridian

- Tps. S. 89° 50' N. on true line between 2 & 35.
 var. 14° 52' East
- 35.80 Dry wash, 50 lks. wide, bro. S.E.
- 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.
- 66.50 Dry wash, 60 lks. wide, bro. S.E.
- 80.00 Set a post, marked and notched,
 4 ft. long, 3 in. sq. d. 1 ft. in the ground
 drive charred stake 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, 32 and 35, from which
 a pale verde, 6 in. dia. by N. 40° E. 64 lks. dist
 do. 6 " " S. 45° W. 30 "

Between Tps. 4 & 5 S. Range 12 N.
Gila and Salt River Meridian

Cor. Land level. A few scattering trees.

S. 89° 50' N.

Outline between sec. 3 & 34.

var. 14° 52' East

0.40 Dry wash, 100 lbs. wide, runs S.
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.
from which
Apaleferia, 13 in. dia. hrs. S. 82° E. 218 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

Between Tps. 4 & 5 S. Range 12 W.
Gila and Salt River Meridian

No. long. 1 ft wide, as per instructions
for cor. to sec. 3. 4. 33 and 34
from which
Apalefuria, 6 in dia. brs. S. 38° E. 158 lbs. dist.
No other trees near.
Land level. A few scattering trees.

Opp 50' W.

Patrol line between sec. 4 & 33.
var. 140° 57' East

40.00 Set a post, marked 4 S. 4 ft long,
flattened 3 in. wide, 1 ft in the
ground, driven charred stake
and build mound a fourth of ft
high, with pits 1 ft deep, 2 ft long,
1 ft wide, as per instructions for
4 sec. cor. from which
Apaleverde, 9 in dia. brs. West, 22 lbs. dist.
Apalefuria, 3 " " " S. 54° E. 131 " "

41.10 Dry wash, 70 lbs. wide, runs S.

Between Tps. 4 & 5 S. Range 12 W.
Gila and Salt River Meridian

Pr. Continued, -

80.00 Set a post, marked and notched,
4 ft long, 3 in. sqd. 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, 32 and 33
No trees near.

Land level. Scattering trees.

89° 50' N.

On true line between secs. 5 & 32,
var. 14° 52' 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 mounds of earth 2 ft high,
with pits 1 ft deep, 2 ft long, 1 ft
wide, as per instructions

Between Tps. 4 & 5 S. Range 12 N.
Gila @ Salt River Meridian

Stk. for 1/4 sec. cor.

from which

Apale verde, 6 in. dia. base, S. 14° E. 186 lbs. dist.

No other trees near

62.50 Dry wash, 60 lbs. wide, rem. S.

79.60 Ascend.

80.00 Set a post, marked and notched,
4 ft long, 3 in. sq. d. 1 ft in the
ground, and build mound of
stones 2 ft high, as per instruc-
tions, for cor. to sec's. 5, 6, 31
and 32. from which

Apale feira, 8 in. dia. base, N. 15° E. 209 lbs. dist.

No other trees near

Land uneven and ascending.

A few scattering trees.

Soil 2^o rate.

Between Tps. 4 & 5 S. Range 12 W.
 Gila and Salt River Meridian

Tps. S. 89° 50' N.

Ante line between sec. 6 & 31.
 var. 14° 52' East.

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

78.90 Cor. to Tps. 4 & 5 S. range
 12 and 13 W.

Land broken hills on east end.
 No timber. Soil poor.

February 27, 1877.

Between Tps 7 & 8 S. Range 13 N.
Gila and Salt River Meridian

Survey commenced March 5, 1877.
From the cor. to Tps. 7 and 8 S. ranges
12 and 13 N., established by myself in
the present surveys, I run
W E. on true line bet. sec. 1 & 36.
Var. $14^{\circ}39'$ East

As per Barto's improved solar compass.
40.00 Remote from stone and 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 $\frac{1}{4}$ sec. cor.

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. 1, 2, 35 & 36. No trees near.
Land level. Some good soil. No timber

Between Tps. 7 & 8 S. Range 13 W.
Gila and Salt River Meridian

Tps. WEST on true line between 2 & 35.

var. $14^{\circ} 39'$ 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 a
mound of earth 2 ft high, with pits
1 ft deep, 2 ft long, 1 ft wide, as per in-
structions, for 14 secos. 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 in-
structions, for co. to secos. 2, 3, 34
and 35.

No trees near.

Land level. Some good soil.

No timber.

Between Tps. 7^e & 8 S. Range 137^W.
Gila and Salt River Meridian

No. West-tie line between sec. 3^e & 34^e
var. 14°39' 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 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. 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 partly good.
No timber.

Between Tps. 7 & 8 S. Range 13 N.
Gila and Salt River Meridian.

Pr. West on true line bet secs. 4 & 33
var. 14°39' East

40.00 Remote from stone and timber.

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

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. 4, 5, 32 and
33.

No trees near.

Land level. No timber.

Between Tps. 7 & 8 S. Range 137N.
Tela and Salt River Meridian

Pro. West contour line bet. secs. 5 & 32.

var. $14^{\circ}39'$ 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 secs. 5, 6, 31 and 32.

No trees near.

Land level. Some good soil.
No timber

Between Tps. 7 & 8 S. Range 13 W.
Gila and Salt River Meridian

Ps. West on true line bet sec. 6 & 31.
var. $14^{\circ}39'$ East

40.00 Set a post, marked $4\frac{1}{2}$ 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 instruc-
tions, for 14 sec cor. No trees near.

And allowing 1.50 chs. for conveyance

78.50 Set a post, marked and notched,
 $4\frac{1}{2}$ ft long, 4 in. sq. d. 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, $1\frac{1}{2}$ ft
wide, as per instructions, for cor. to
Tps. 7 and 8 S. Rgs. 13 & 14 W.
No trees near. Land level. Some
good soil. No timber.

Between Tps. 7 & 8. Rgs. 13 & 14 N.

Gila and Salt River Meridian

No From the cor. to Tps. 7 & 8. Rgs. 13 & 14
N., lately established by myself, Iron
North. between sec 31 & 36.
var. $14^{\circ}46'$ East.

As per Burt's improved solar compass
40.00 Remote from stone and 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 in-
structions for 1/4 sec. cor.

80.00 Set a post, marked and notched, 4
ft long, 3 in. sq. 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. 25.

30, 31 and 36. No trees near.
Land level. Some good soil.
November.

Between Tps. 7 S. Rps. 13 & 14 N.
Gila and Salt River Meridian

Chs. North between secs. 25 & 30.

var. 14° 46' East

40.00 Remote from stone and timber.
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.

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
ft high, with pits 1 ft deep, 2 ft
long, ft wide, as per instructions
for cor. to secs. 19, 24, 25 and
30. No trees near.

Land level. Soil partly good.
No timber.

Between Tps. 7 S. Rgs 13 & 14 N.

Gila and Salt River Meridian

Pos. North between secs. 19 & 20 of
var. 14° 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 a
mound of earth 2 ft. high, with
pit 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 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. 13, 18, 19 and 20.
No trees near.
Land level. Soil partly good.
No timber.

Between Tps. 7 S. Rgs. 13 & 14 N.
Gila and Salt River Meridian

No. North between secs 13 & 18.

36.00 ^{var. 14° 46' East}
Yuma road, Tps. 7 N.

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
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 in-
structions, for cor to secs. 7, 12.

13 and 18. from which

Apale verde, 6 in. dia. bes. N. 40° E. 220 lbs. dist

do. 5 " " " S. 13° W. 298 " -

No other trees near.

Land level. Soil partly good. A few trees.

Between Tps. 7 & 8 Rgs. 13 & 14 N.
Gila and Salt River Meridian

No. North between secs. 12 & 13.
var. $14^{\circ} 46'$ East.

17.50 Enter lower ground.

18.50 Yuma road runs N.

40.00 Set a post, marked 14 S. 4 ft long,
3 in wide, flattened, 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, 10 in. dia. bears N. $78^{\circ} E$. 41 lbs. dist.
do. 18 " " " S. $33^{\circ} W$. 78 " "

78.94 Intersect left bank of Gila river
bears S. W. As the sec. cor. will fall
in the river, I set at this point 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,

Between Tps. 7 S. Rgs. 13 & 14 W.

Gila and Salt River Meridian

86.45
Post with 4 pits, 1 ft deep, 2 ft long, 1 ft wide, as per instructions, for witnesses cor. to secs. 1, 6, 7 and 12, and which post also notes point of intersection of line with river.

No trees near.

Now set flag on line on opposite bank of river, and measure off a base 100 lbs. E. to a point whence flag bears N. $7^{\circ}35'$ W., making distance across river 7.51 chs.

86.45 Right bank of river, on line.

Set a post, marked, 4 ft long, 3 in. sq. d. 1 ft in the ground, drive a charred stake and build a mound of earth 2 ft high, taken from 1 pit on line N. for cor. to fractional secs. 1 & 6. Land rich bottom. Scattering trees.

Between Tps. 7 S. Rgs. 13 & 14 N.
Gila and Salt River Meridian

Chs. North between secs 1 & 6.

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

From the post just set on the right bank
upriver, which is 6.45 Chs. N. of
point for true cor. to secs. 1, 6, 7 and 12,
and counting in that distance, - at
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
instructions, for 74 sec.
Cor. from which

Arillas, 7 in. dia. to S. 44° E. 85 lbs dist.

do. 6 " " " N. 50° W. 196 " "

80.00 Set a post, marked and
notched, $4\frac{1}{2}$ ft. long, 4 in. sq'd,
1 ft. in the ground, drive

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

Ch. charred stake and build a mound of earth $2\frac{1}{2}$ ft. high, with pits 1 ft. deep, 2 ft. long, $1\frac{1}{2}$ ft. wide, as per instructions for con. to Townships 6 and 7 S. Rgs. 13 and 14 N. from which

A cottonwood, 3 in. dia. base S. 12° E. 66 lbs. dist.

do. 7 " " " S. 45° W. 132 " "

No other trees near.

Land level. Soil rich

Some willow and Cottonwood trees.

Between Tps. 6^E & 7^S. Range 13^W.
Gila and Salt River Meridian.

Chs. From the cor. to Tps. 6 and 7^S.
ranges 13 and 14, just esta-
blished, I run
East on random line along N.
boundary of secs. 6, 5, 4, 3, 2 & 1.
var. $15^{\circ}05'$ East.

As per Burt's improved solar compass.
I set temporary half mile and
mile cors. at every 40 and
and 80 chs., and at 5 miles
and 78.30 chs. I intersect a
point 1.10 chs. N. of cor. to
townships 6 and 7^S. ranges
12 and 13^W. Therefore the
correction for true line back
will be 1.70 chs. west, and
 $18\frac{1}{3}$ lns S. per mile.

From the cor. to Tps. 6 and 7^S.
S. ranges 12 and 13^W. I run
N. $89^{\circ}52'$ W.

Between Tps. 6 & 7 S. Range 13 W.

Gila & Salt River Meridian

Obs. true line between sec. 1 & 36.
var. $15^{\circ}05'$ 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 instruc-
tions, for 74 sec. cor. from which
apele made, 6 in. dia. by N. $70\frac{1}{2}$ W. 267 hrs. dist.
No other trees near.

52.40 Upper, or Mesa, road to Yuma,
Ariz. S.

77.10 Arroyo, 20 hrs. wide, bes. N.

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

Between Tps. 6 & 7 S. Range 13 N.
Gila and Salt River Meridian

No. instructions for cor. to sec. 1, 2,
35 and 36, from which
Apale verde, 6 in. dia. base, S. 68 $\frac{1}{2}$ ° W. 169 land dist.
do. 4 " " " N. 84° W. 233 " "
No other trees near.
Land level. Soil good. Scattered trees

N. 89° 52' W.

Outline line between sec. 2 & 35,
var. 15° 05' East

20.40 Enter bottom.
36.00 Yuma road in bottom, bro. S. W.
40.00 Set a post, marked 74 S. of
along, flattened 3 in. wide, 1 ft
in the ground, drive chanced
stake and build mound of
earth 2 ft high, with pits 1 ft
deep, 2 ft long, 1 ft wide, as
per instructions, for 74 sec.

Between Twp. 6^E & S. Range 13^W.
 Gila and Salt River Meridian

No cor. No trees near.

53.80 Old road.

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 in-
 structions, for cor. to secs.
 2, 3, 34 and 35.

No trees near.

Land level. Soil good. Scat-
 tering trees.

March 5, 1877.

N. 89° 52' W.

On true line between secs. 3^E & 34^E.

var. 15° 05' East

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

Between Tps 6 & 7 S. Range 13 W.
Gila and Salt River Meridian

75.00 ground, drive chared stake and build mound of earth 4 ft high, with pits 1 ft deep, 2 ft long, 1 ft wide, as per instructions, for 44 sec. cor. from which

A mesquite, 5 in. dia. base. S. 43 $\frac{1}{2}$ ° W. 28 lbs. dist.
No other trees near

80.00 Set a post, marked and watched, 4 ft long. 3 in. sq. 1 ft in the ground, drive chared stake and 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. 3, 4, 33 and 34. from which

A Cottonwood, 15 in. dia. base. N. 43° W. 129 lbs. dist.
do. 14 " " " S. 46 $\frac{1}{2}$ ° W. 402 " "

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

Between Tps. 6 & 7 S. Range 13 W.
Gila and Salt River Meridian

Ch^o N. 89° 52' W.

Between line between sec. 4 & 33

var. 15° 05' East.

40.00 Set a post, marked 44 S. 4 ft long,
flattened 3 in. wide, 1 ft in the ground, drive
charred stake $\frac{3}{4}$ in. 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. from which
a Cottonwood, 12 in. dia. base, S. 34° W. 104 lbs. dia. l.

a Mesquite, 8 " " N. 58½° W. 229 " "

80.00 Set a post, marked and unnotched,
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
cont. to sec. 4, 5, 32 and 33.

No trees near.

Land level bottom S. rich.

Scattering trees.

Between Twp. 6 & 7 S. Range 13 W.
Gila and Salt River Meridian

No. 1,895 2 1/2 N.

On true line between sec. 5 & 32,
var. 15° 05' 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
2 ft high, with pits 1 ft. deep,
2 ft long, 1 ft. wide, as per in-
structions for 1/4 sec. cor.

from which

Platanwood, 13 in. dia. br. S. 72° E. 146 br. dist.

do. 10 " " " N. 63 1/2° E. 416 " "

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 in-
structions, for cor. to sec.

Between Tps. 6 & 7 S. Range 13 W.
Gila and Salt River Meridian

No. 5-6-31 and 32, from which
a Cottonwood, 8 in dia. h. N. 53° E. 127 lvs. dist.
do. 10 " " " N. 83° E. 181 " "
do. 10 " " " N. 64 1/2° W. 169 " "
No other trees near.

Land rich bottom, some Cot-
tonwood timber.

N. 89° 52' W.

On true line between sec. 6 & 31.
var. 15° 05' East

33.50 Intersect left bank of Gila river,
bss. S. W. Set a post, marked, 4 ft.
long, 3 in. sqd. 1 ft. in the ground, drive
chased stake and build mound
of earth 2 ft. high, taken from
1 pit on line E. for cor. to frac-
tional sec. 6 and 31.

Now set flag on line, on oppo-
site bank of river and

Between Tps. 6 & 7 of S. Range 13 N.
Gila and Salt River Meridian

No. measure off a base 200 lns. S. to
a point whence flag bears N. 88°
42' N., making distance across
stream on line 18.12 chs.

51.62 Right bank of river, on line.
Set a post, marked, 4 ft long,
3 in. sq. d. 1 ft. in the ground, drive
sharred stake and build mound
of earth 2 ft high, taken from
pit on line N. for cor. to frac-
tional sec. 6 & 31.

The 1/4 sec. cor. falls in river.

78.30 Cor. to Tps. 6 and 7 of S. ranges
13 and 14 N.

Land rich bottom.

Scattering trees.

March 6. 1877

Between Tps. 6 S. Rgs. 13 & 14 W.
 Gila and Salt River Meridian

Survey commenced March 12, 1877.
 From the cor. to Tps. 6 and 7 S. ranges
 13 and 14 W., established by myself
 in these present surveys, I run

North between sec. 31 & 36.
 var. $14^{\circ}49'$ East

- As per Bart's improved solar compass
- 22.80 Slough, 50 hrs. wide, bas. E & W.
- 24.50 Old bank of river, bas. S. W.
- 48.00 Set a post, marked 14 S. 4 ft. long, flat-
 tened 3 in. wide, 1 ft. in the ground, drive
 charred stake & build mound of earth,
 2 ft. high, with pits 1 ft. deep, 2 ft. long, 1 ft.
 wide, as per instructions, for 14 sec. cor.
 from which
- A mesquite, 4 in. dia. bas. S. $84\frac{1}{2}^{\circ}$ W. 180 hrs. dist.
- do. 4 " " " S. 47° E. 121 " "
- 56.70 Old road bas. S. W.
- 80.00 Set a post, marked and notched, 4
 ft. long, 3 in. sq. 1 ft. in the ground.

Between Tps. 6 S. Rps. 13 E. 14 N.
Gila and Salt River Meridian

Tps. 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
Armesquite, 8 in. dia. base, S. 53° W. 156 lbs. dist.
do. 6 " " " S. 18° E. 238 " "
No other trees near.

Land level. Soil rich. Scattering trees.

North between secs. 25 & 30.
var. 14° 49' 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 1/4 sec. cor.
from which

Armesquite, 6 in. dia. base, N. 25° E. 33 lbs. dist.
No other trees near.

80.00 Set a post, marked and notched,

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

Post 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, 24, 25 & 30.

No trees near.

Land level. Soil rich. Scattering trees.

North between Secs. 19 & 24
var. $14^{\circ}49'$ 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 E. notched, 4 ft
long, 3 in. sq. d. 1 ft. in the ground, drive
charred stake and build mound of
earth 2 ft high, with pits 1 ft deep.

Between Tps. 6 S. Rq. T3 & 14 N.
Gila and Salt River Meridian

300
2 ft. long, 1 ft. wide, as per instructions
for cor. to secs. 13, 18, 19 & 24.
No trees near.

Land level. Soil good. A few trees.

North between secs. 13 and 18.
var. $14^{\circ}49'$ 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.

Between Tps. 6 S. Rgs. 13 & 14 W.
Gila and Salt River Meridian

Tps. 7, 12, 13 and 18, from which
Apale Verde, Cai. dia. hrs. N. 38° W. 57 hrs. dist.
No other trees near.

Land level. Soil good. A few trees.

North between secs. 7 & 12.

var. 14° 49' East.

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

80.00 Set a post, marked & notched, 4 ft. long, 3 in.,
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. 1, 6, 7 and 12.

No trees near.

Land level. Soil good. A few trees.

Between Tps. 6 S. Rps. 13 & 14 W.
Gila and Salt River Meridian

- 40.00 North, on true line bet. sec. 1 & 6.
cor. $14^{\circ}49'$ East
- Set a post, marked 14 S. 4 ft. long, flattened
3 in. wide, 1 ft. in the ground, drive charred
stake & build mound of earth 2 ft. high,
with pits 1 ft. deep, 2 ft. long, 1 ft. wide, as
per instructions, for 14 sec. cor. No trees near.
- 80.47 Intersect first Standard S, 18.07 ch. E.
of standard cor. to Tps. 5 S. ranges
13 and 14 W. Set a post, marked
and notched, $4\frac{1}{2}$ ft. long, 4 in. sq. d.
1 ft. in the ground, drive charred stake
and build mound of earth $2\frac{1}{2}$ ft. high,
with pits 1 ft. deep, 3 ft. long, $1\frac{1}{2}$ ft. wide,
as per instructions, for closing cor.
to Tps. 6 S. ranges 13 & 14 W. from which
Apala vada, Gai di si ba. North, 23 hrs. dist.
No other trees near. - Land level. Con-
siderable good soil, especially on S. end. A few
trees. March 12, 1877

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General Description

The foregoing are the original field notes of the surveys of exterior lines of townships covering irrigable lands along the Gila river, which surveys were executed by myself under and in conformity to my contract with the Surveyor General of Arizona, dated December 7, 1876.

Theodore F. White
U. S. Deputy Surveyor.

List of Names.

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BOOK 1638

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List of the Names of Individuals employed
assist in running, measuring, or marking the
and corners described in the foregoing Field
of the survey of the Exterior Lines

Ths. 5 S. Ranges 9. 10. 11 & 12 N.

6 S. Ranges 10. 11. 12 and

7 N. and Ths. 7 S. Ranges

& 13 N. of the Gila and

Salt River Meridian, Arizona,

giving the respective capacities in which they

P. V. Caldwell Chainman.

Urbain Bessard Chainman,

Fred. C. Jones Axeman.

Allan Bernard Flagman.



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Final Oath of Assistants.

BOOK 1638

We hereby certify that we assisted *Theo.*

F. White U. S. Deputy Surveyor, in

surveying *Exterior Lines of Tps. 5 S.*

ranges 9. 10. 11 and 12 N., Tps. 6 S.

ranges 10. 11. 12 and 13 N., and

Tps. 7 S. ranges 12 and 13 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.

P. Caldwell Chainman.

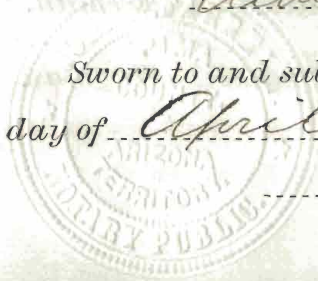
Urbain Bessard Chainman.

And. C. Jones Axeman.

Allan Bernard Flagman.

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

John R. Farrell
Notary Public.



Final Oath of Deputy Surveyor.

BOOK 1638

I, Theo. 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 7th 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 Tps. 5 S. ranges
9. 10. 11 and 12 N., Tps. 6 S. ranges
10. 11. 12 and 13 N., and Tps.
7 S. ranges 12 and 13 N. of
the Gila and Salt River
Meridian, Arizona, as are repre-

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

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tained in circular instructions from the U. S. Surveyor-General for Arizona, dated September 1, 1873, regarding the establishment of co-boundaries of public surveys, and that the foregoing are the true and original Field Notes of such surveys.

Thaddeus J. White
Deputy Surveyor.

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

John R. Faull
Notary Public.

BOOK 1638



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.

Rgs. 9, 10, 11 and 12 W.,

Tps. 6 S. Rgs. 10, 11 and 12 W.,

and Tps. 7 S. Rgs. 12 and
 13 W.

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

Deputy Surveyor, under his contract of the 4th/₉

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.