

1636

1636

BOOK 1636

BOOK 1636

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 B O U N D A R I E S
O F

Ts. 7, 8 & 9 S., Rs. 16, 17 & 18 W.

Gila and Salt River Base and
Meridian, Arizona.

By John L. Harris, D.S., under
Contract dated Sept. 20, 1877.
Survey commenced Jan. 14, 1878.
Survey completed Feb. 26, 1878.

BOOK 1636

BOC . 636

157	150	147	144	142	140	65	64	63	62	61	60	59	58	57	56	55	54				
136	5	4	3	2	1	65	6	5	4	3	2	10	16	5	4	3	2	1			
1347						12697						12507									
						<i>S. S. R. 18 1/2</i>	137018		<i>S. S. R. 17 1/2</i>		134918		<i>S. S. R. 16 1/2</i>								
						247119					244819										
BOOK						257230					254730										
						34	35	36	31	32	33	34	35	36	46	31	32	33	34	35	36
						144	143	142	81	80	79	78	77	75	44	43	42	41	40	39	
						3	2	1	836	5	4	3	2	1	356	5	4	3	2	1	
1407						12847						12347									
15918						<i>S. S. R. 18 1/2</i>	138518		<i>S. S. R. 17 1/2</i>		133318		<i>S. S. R. 16 1/2</i>								
12719						245619					240219										
15630						255830					253130										
15031	32	33	34	35	36	31	32	33	34	35	36	30	31	32	33	34	35	36			
133	132	131	130	129	128	97	96	95	94	93	91	28	27	26	25	24	22				
1256	5	4	3	2	1	996	5	4	3	2	1206	5	4	3	2	1	1				
1247						121007					12197										122
12318						<i>S. S. R. 18 1/2</i>	131018		<i>S. S. R. 17 1/2</i>		131818		<i>S. S. R. 16 1/2</i>								133
12219						240219					241719										244
12130						251030					257630										255
12031	32	33	34	35	36	31	32	33	34	35	36	15	31	32	33	34	35	36			
119	118	117	116	115	114	112	111	110	109	108	107	13	12	11	10	9	8				

BOOK 1636

List Book Exterior.

Contract Sept 20. 1877.

BOOK 1636

E. Boundary Tp. 9 S. R. 16 W. Pages 1 - 6

S " do : " 8 - 13

W. " do : " 15 - 20

N. " do : " 22 - 28

W. Bdry Tp. 8 S. R. 16 W. Pages 30 - 35

N. " " " " " 37 - 44

W. Bdry Tp 7 S. R. 16 W. Pages 46 - 51

N. " " " " " 53 - 59

18

Preliminary Oaths of Assistants.

We, Lyman Wakefield
and Charles B. Warren

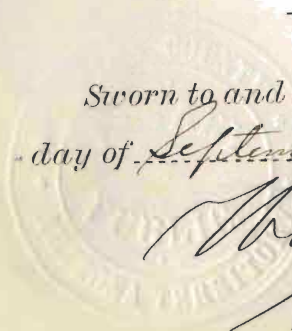
do solemnly swear that we will faithfully execute the duties of Chain Carriers; that we will level the chain upon uneven ground, and plumb the tally pins, whether by sticking or dropping the same; that we will report the true distance to all notable objects, and the true length of all lines that we assist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

[Faint handwritten marks]

Lyman Wakefield
Charles B. Warren

Sworn to and subscribed before me, this 29
day of September, 1877.

William J. Asbom
Notary Public



We, *Fred C. Jones and*

J. P. Chenoweth

do solemnly swear that we will well and truly perform the duties of *Auman and*

Magman, respectively

according to instructions given us, and to the best of our skill and ability.

Fred C. Jones

J. P. Chenoweth

Sworn to and subscribed before me this *29*
day of *September*, 1877.

William J. Osborn
Notary Public



1636

1D

BOOK 1636

Between Tps. 9 S. Rgs. 15 & 16 W.
Gila & Salt River Meridian

Ch. Survey commenced January 14. 1878.
I begin at the cor. to Tps 8 & 9 S.
Rgs. 15 & 16 W., which cor. I find stand-
ing as originally established, being
a post with mound of earth and
pits, with no bearing trees. Thence
I run

South on true line bet. secs 1 & 6.

Var. $14^{\circ} 43'$ East
as per Buick Solar Compass.

40.00 Drive charred stake and build a
mound of earth 2 ft high, with pits
1 ft deep, 2 ft long, 1 ft wide, as per in-
structions for 74 sec. cor.

No stones or timber near.

80.00 Drive charred stake and build mound of
earth 2 ft high, with pits 1 ft deep, 2 ft long, 1 ft
wide, and in center of pit S.E. of cor. drive
a stake marked and notched, 2 ft long, 2 in. sq. ft.
1 ft in the ground, as per instructions, for cor. to secs. 1, 6, 7 & 12.
Land level. Soil 1st rate, No timber.

Between Twp. 9 S. Rge. 15 E. N. W.
 Tila ² Salt River Mendocino

No. South between secs. 7 & 12.
 cor. 14⁰43' East

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

No stones or trees near.

80.00 Drive charred stake and build
 mound of earth 3 ft high with pit
 1 ft deep, 2 ft long, 1 ft wide, and
 in center of pit S.E. of cor. drive
 a stake marked and notched
 2 ft long, 2 in. sqd. 1 ft in the
 ground, as per instructions for
 cor. to secs. 7, 12, 13 and 18.

No stones or timber near.

Land level. Soil 1st rate.

Return to G. S. Rep. 15 E 16 N.
 21⁴ Salt River Meridian

4. South between secs. 13 & 18
 cor. 124° 43' East

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

80.00 Drive charred stake and build
 mound of earth 2 ft. high, with
 pits 1 ft. deep, 2 ft. long, 1 ft. wide, and
 in center of pit S.E. of cor. drive
 a stake marked and notched,
 2 ft. long, 2 in sq. d. 1 ft. in the ground
 as per instructions for cor. to secs.
 13, 18, 19 & 24.
 No stones or trees near.

Land level. Soil at Rate
 No timber.

Between Sp. 9 S. Rps. 15 & 16 N.
Gila & Salt River Meridian

Ln. South between secs. 19 & 24
var. 14°43' East

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

No stones or trees near.

80.00 Drive charred stake and build mound of earth 2 ft high, with pits 1 ft deep, 2 ft long, 1 ft wide, and in center of pit S. E. of cor. drive a stake marked and notched, 2 ft long, 2 in. sqd., 1 ft. in the ground, as per instructions for cor. to Secs. 19, 24, 25 & 30.

No stones or trees near.

Land level. Soil strata
No timber.

Between Tps. 9 S. Rps. 15 & 16 W.
Gila & Salt River Meridian

No. South between secs. 25 & 30.
var. 14° 43' East.

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

80.00 Drive charred stake and build mound of earth 2 ft high, with pit 1 ft deep, 2 ft long, 1 ft wide, and in center of pit S. E. of cor. drive a stake marked and notched, 2 ft long, 2 in. sq. d., 1 ft in the ground, as per instructions for cor. to Secs. 25, 30, 31 & 36. No stones or trees near.

Level level. Soil good. No timber

Between Tps. 9 S. Rps. 15 & 16 W.
Gila & Salt River Meridian

Sec. South between secs. 31 & 36.
Cor. 14° 43' East

40.00 Drive charred stake and build mound
of earth 2 ft high with pits 1 ft deep
2 ft long, 1 ft wide, as per instructions
for 1st sec. cor. No stones or 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 & build mound of
earth 2 ft high, with pits 1 ft deep,
2 ft long, 1 ft wide, as per instructions
for cor. to Tps. 9 and 10 S. Rps.
15 and 16 W. No trees near.
(This was the largest post obtain-
able.)

Land level. Soil good. Grass.
No timber.

8
 Between Tps. 9 & 10 S. Range 16 W.
 Gila & Salt River Meridian

Pro. From the cor. of Tps. 9 & 10 S. Rgs. 15 & 16 W. Drive
 West on true line between 1 & 36.

var. $14^{\circ} 42'$ East.
 As per Bartz Solar Compass.

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

No stones or trees near.

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

35. and 36.

No stones or trees near.

Land level. Soil 1 strata. Grass.

No timber.

Between Tps. 9 & 10 S. Range 16 W.
Gila & Salt River Meridian

No. West between secs. 2 & 35.
var. $14^{\circ}42'$ East

40.00 Drive charred stake and build mound of earth 2 ft high with pits 1 ft deep, 2 ft long, 1 ft wide, as per instructions for $\frac{1}{4}$ sec. cor.
No stones or trees near.

50.00 Drive charred stake and build mound of earth 2 ft high, with pits 1 ft deep, 2 ft long, 1 ft wide, and in center of pit S. E. of cor. drive a stake marked and notched, 2 ft long, 2 in. sq. d. 1 ft in the ground, as per instructions for cor. to secs. 2, 3, 34 & 35.
No stones or trees near.

Sand level. Soil good. Grass.
No timber.

Between Tps. 9th & 10 S. Range 16 W.
 6th Salt River Meridian

Loc. West between secs. - 3rd & 34th
 14th & 42nd East

40.00 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 14 sec. cor.

No stones or trees near.

80.00 Drive charred stake and build mound of earth 2 ft high, with pit 1 ft deep, 2 ft long, 1 ft wide, and in center of pit S. E. of cor. drive a stake marked and notched, 2 ft long, 2 in. sq. d. 1 ft in the ground, as per instructions for cor. to Secs. 3, 4, 33 and 34.

No stones or trees near.

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

Between Tps. 9th & 10th S. Range 16th W.

Gila & Salt River Meridian

S. West between secs. 4th & 33,
var. 14th & 2nd East

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

80.00 Drive charred stake and build mound of earth 2 ft high, with pits 1 ft deep, 2 ft long, 1 ft wide, and in center of pit S. E. of cor. drive a stake marked and notched, 2 ft long, 2 in. sq. d., 1 ft in the ground, as per instructions, for cor. to secs. 4, 5, 32 and 33. No stones or trees near.
Land level. Soil 1st rate. Grass.
No timber.

Between Tps. 9th & 10th S. Range 16th N.
Gila & Salt River Meridian

Run West between sec. 5 & 32,
44th. 140° 42' East

40.00 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 stone or trees near.

80.00 Drive charred stake & build mound
of earth 2 ft high, with pits 1 ft
deep, 2 ft long, 1 ft wide, and in
center of pit S.E. of cor. drive
a stake marked and notched,
2 ft long, 2 in. sqd., 1 ft in the ground,
as per instructions for cor. to Secs.
5, 6, 31 and 32.

No stones or trees near.

Land level. Soil good. Grass.

No timber.

January 14, 1878

Between Tps. 9 & 10 S. Range 16 W.
Gila & Salt River Meridian

Sec. West between secs. 6 & 31
W. or. 14th 42' East

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

No stones or trees near.

79.83 And, allowing 47 lbs. for convergence, - at
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 1/2 ft long, 1 1/2 ft wide, as per
instructions for cor. to Tps. 9 and
10 S. Ranges 16 & 17 W. from which
a Palo Verde tree, *Sin. dia.*, bears N. 65° E. 317 lbs. dist.

No other trees near.

Land level. Soil good. No timber
of consequence. Grass.

Between Tps. 9 S. Rps. 16 & 17 N.
Gila & Salt River Meridian

40.00 From the cor. to Tps. 9 & 10 S. Rps. 16 & 17 N. Iron
North, between secs. 31 & 36.

var. $14^{\circ}45'$ East
As per Best & Solar Compass

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 4 sec. cor.

No stones or trees near.

80.00 Drive charred stake and build
mound of earth 2 ft. high, with
pits 1 ft. deep, 2 ft. long, 1 ft. wide,
and in center of pit S. E. of cor.
drive a stake marked and notched,
2 ft. long, 2 in. sq. d. 1 ft. in the
ground, as per instructions for
cor. to secs. 25, 30, 31 & 36.

No stones or trees near.

Land level. Soil 1st rate

No timber. Grass.

Between Tps. 9 S. Rgs. 16th & 17th W.
Gila and Salt River Meridian

Chs. North between secs. 25 & 30.
var. 14° 45' East

40.00 Drive charred stake and build mound
of earth 2 ft. high, with pits 1 ft. deep,
2 ft. long, 1 ft. wide, as per instruc-
tions, for 1/4 sec. cor.
No stones or trees near.

80.00 Set a post, marked and notched,
4 ft. long, 3 in. sq. d. 1 ft. in the ground
Drive charred stake and build
mound of earth 2 ft. high with
pits 1 ft. deep, 2 ft. long, 1 ft. wide,
as per instructions for cor. to Secs.
19. N. 25 and 30. from which
a Mesquite tree, 8 in. dia. bro. N. 9° W. 47 lbs. dia.
No other trees near.

Land level. Soil good. Grass.
A few trees.

Between Tps. 9 S. Rps. 16 & 17 N.
Gila & Salt River Meridian

P. North between secs. 19 & 24
var. $14^{\circ}45'$ 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 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 Drive charred stake and build mound of earth 2 ft high, with pits 1 ft deep, 2 ft long, 1 ft wide, and in center of pit S. E. of cor. drive a stake marked and notched, 2 ft long, 2 in. sq. d., 1 ft in the ground, as per instructions for cor. to Secs. 18, 19 and 24. No stones or trees near. Land level. Soil stony. No timber. Grass.

Between Tps. 9 S. Rps. 16 & 17 W.
 Gila & Salt River Meridian

Sec. North between secs 13 & 18.
 var. $14^{\circ}45'$ East

40.00 Drive charred stake and build
 mound of earth 2 ft high, with
 pits 1 ft deep, 2 ft long, 1 ft wide,
 as per instructions for 44 sec. cor.
 No stones or trees near.

80.00 Drive charred stake and build
 mound of earth 2 ft high, with
 pits 1 ft deep, 2 ft long, 1 ft wide,
 and in center of pit S. E. of cor.
 drive a stake marked and notched,
 2 ft long, 2 in. sqd. 1 ft in the
 ground, as per instructions for
 cor. to secs. 7, 12, 13 and 18.
 No stones or trees near.

Level level. Soil good. No timber.
 Grass.

Between Tps. 9 S. Rps. 16 & 17 N.
Gila Salt River Meridian

Chs. North between secs. 11 & 12
var. 14° 45' East.

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

No stones or trees near.

80.00 Drive charred stake and build mound of earth 2 ft high, with pits 1 ft deep, 2 ft long, 1 ft wide, and in center of pit S.E. of cor. drive a stake, marked and notched, 2 ft long, 2 in. sq. d. 1 ft in the ground, as per instructions for cor. to secs 1, 6, 7 and 12.

No stones or trees near.

Level level. Soil good. No timber.
Grass.

Between Tps. 9 S. Rps. 16 & 17 W.
Gila & Salt River Meridian

No. North between secs. - 1 & 6.
var. 14°45' East

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

No stones or trees near.

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 1/2 ft long, 1 1/2 ft wide, as per instructions for cor. to Tps. 8 & 9 S. Rps. 16 and 17 W.

No trees near.

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

Between Tps. 8 & 9 S. Range 16 W.
Gila & Salt River Meridian

No. From the cor. to Tps. 8 and 9 S. Ranges
16 and 17 W., Drive
East.

On random line along N. boundary of secs.
6. 5. 4. 3. 2 and 1.

Var. $14^{\circ} 46'$ East.
As per ^{3 sets} Solar Compass
Set temporary cors at every 40 and
50 chs., and at 5 miles and 79.00 chs.
I intersect N and S. line at the cor.
to Tps. 8 & 9 S. Rps. 15 and 16 W.
Therefore the correction will be
100 lvs W.

From the cor. to Tps. 8 & 9 S. Rps.
15 & 16 W. Drive

West

On true line bet. secs. 1 & 36

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

40.00 Drive charred stake and build
mound a fourth of height, with

Between Tps. 8 & 9 S. Range 16 W.
Gila & Salt River Meridian

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

80.00 Drive champed stake and build mound
of earth 2 ft. high with pits 1 ft. deep,
2 ft. long, 1 ft. wide, and in center of
pit S. E. of cor. drive a stake marked
and notched, 2 ft. long, 2 in. sq. d. ft.
in the ground, as per instructions
for cor. to sec. 1, 2, 35 & 36.
No stones or trees near.

Land level. Soil 1st rate. No timber.

Between Tps. 8 & 9 S. Range 16 W.
Gila & Salt River Meridian

No. West on true line bet. secs. 2 & 35.

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

40.00 Drive charred stake and build mound of earth 2 ft high, with pits 1 ft deep, 2 ft long, 1 ft wide, as per instructions for 44 sec. cor.

No stones or trees near.

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

No stones or trees near.

Sand level. Soil 1st rate. Grass
No timber.

Between Tps. 8 & 9 S. Range 16 W.
Gila & Salt River Meridian

No. West on line between 3 & 34.
var. 140°46' East

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

No stones or trees near.

80.00 Drive charred stake and build
mound of earth 2 ft high, with pits
1 ft deep, 2 ft long, 1 ft wide, and in
center of pit S. E. of cor. drive a
stake, marked and notched, 2 ft
long, 2 in. sq. 1 ft in the ground,
as per instructions for cor. to secs.
3, 4, 33 & 34.

No stones or trees near.

Land level. Soil, strata. Grass.
No timber.

Between Tps. 8^e & 9^s. Range 16^W.
Gila and Salt River Meridian

Sec. Westmontecline between. # 333
var. 14°46' East

40.00 Drive charred stake and build mound
of earth 2 ft high, with pits 1 ft deep,
2 ft long, 1 ft wide, as per instructions
for 14 sec. cor. No stones or
trees near.

80.00 Drive charred stake and build
mound of earth 2 ft high with
pits 1 ft deep, 2 ft long, 1 ft wide
and in center of pit S. E. of cor.
drive a stake marked and
notched, 2 ft long, 2 in. sq id,
1 ft in the ground, as per instruc-
tions, for cor. to secs. 4, 5, 32
and 33. No stones or trees near.

Land level. Soil 1st rate. Grass,
No timber.

Between Tps. 8 & 9 S. Range 16 W.
Gila and Salt River Meridian

Sec. West on true line bet secs. 5 & 32.

Var. 14° 46' East

40.00 Drive charred stake and build mound of earth 2 ft high, with pits 1 ft deep, 2 ft long, 1 ft wide, as per instructions for 14 sec. cor. No stones or timber.

80.00 Drive charred stake and build mound of earth 2 ft high, with pits 1 ft deep, 2 ft long, 1 ft wide, and in center of pit S. E. c. of cor. drive a stake marked and notched, 2 ft long, 2 in. sq'd 1 ft in the ground, as per instructions for cor to secs. 5, 6, 31 and 32. No stones or trees near. Land level.

Soil st. Grassy.

No timber.

Between Tps. 8^e & 9^e S. Ranges 16th & 17th W.
 Salt River Meridian

No. West. outcrop line bet. secs. 6th & 31.

var 14th & 16th East

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

No stones or trees near.

79.00 Cor. to Tps. 8^e & 9^e S. Ranges 16
 and 17 W.

Land level. Soil good. Some grass
 No timber.

January 15, 1878.

Between Tps. 8 S. Rps. 16³/₄ & 17¹/₄ W
Gila & Salt River Meridian

January 19, 1878
No. From the cor. to Tps. 8 & 9 S. Rps. 16³/₄ & 17¹/₄ W. Drum
North between secs. 31 & 36.

Var. 14° 47' East

As per Buett's Solar Compass.

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

80.00 Drive charred stake and build mound
of earth 2 ft high, with pit 1 ft deep,
2 ft long, 1 ft wide, and in center of
pit S.E. of cor. drive a stake marked
and notated, 2 ft long, 2 in. sq. d. 1
ft in the ground, as per instructions
for cor. to Secs. 25, 30, 31 and 36.
No stones or trees near.

Land level. Soil 1st rate. Some
grass. No timber.

Between Tps. 8 S. Rps. 16 & 17 W.
Gila & Salt River Meridian

40.00 On North, between sec. 25 & 30.
var. $14^{\circ}47'$ East

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 $\frac{1}{4}$ sec cor.
No stones or trees.

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

Land level. Soil poor on last end.
No timber.

Between Tps. 8 S. Ranges 16 E. 17 N.
Gila & Salt River Meridian

Pos. North between secs. 19 & 24
var. $14^{\circ}47'$ 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.

63.50 Road bro. E. + N.

75.00 Sand bank bro. S. W., and descend to lower ground.

78.80 Yuma Road bro. S. of N.

80.00 Set a post, marked & notched, 4 ft long,
3 in. sq. d. 1 ft. in the ground, drive charred
stake and build mound of earth 2 ft high
with pits 1 ft deep, 2 ft long, 1 ft wide, as
per instructions for cor. to secs. 13, 18,
19 + 24. No trees near.

Land slightly descending N.

Soil sandy and mostly poor.

A few trees.

Between Tps. 8 S. Rps. 16 & 17 N.
Gila & Salt River Meridian

- Chs. North, between secs. 13 & 18.
var. $14^{\circ}47'$ East.
- 35.00 Old bank Gila river brs. 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 mound of earth 2 ft high, with pit 1 ft
deep, 2 ft long, 1 ft wide, as per instructions, for 74 sec.
cor. No trees near.
The water of the Gila river, running S. N., is 70 cu. ft.
of this cor., but as there is no secure ground I made
the 74 sec. cor., also the intersection cor.
- 49.70 Gila river, (left bank,) brs. S. N. Set a flag on
line on N. and right bank, and measure off a base
200 cu. E. to a point where flag brs. N. $8^{\circ}11'$ N.
Being distance of 13.90 chs. to flag, - or
- 54.60 To 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 large pit N. for cor. to fractional
Secs. 13 and 18. No trees near.
- 80.00 Set a post, marked & notched, 4 ft long, 3 in. sq'd.
1 ft in the ground, drive charred stake and build
mound of earth 2 ft high, with pit 1 ft deep, 2 ft long,
1 ft wide, as per instructions, for cor. to secs. 7, 12, 13
and 18. No trees near.
Land level. Soil 1st rate & poor. Brush.
Cottonwood trees in places.

Between Tps. 8 S. Rps. 16 & 17 N.
Gila and Salt River Meridian

40.00 North between secs. 7 & 12
var. 14° 47' East
Set a post, marked and notched, 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.

43.90 Acequia runs S. W.

80.00 Set a post, marked and notched,
4 ft long, 3 in. sq. 1 ft in the ground,
drive charred stake and build mound
of earth 2 ft high, with 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 1 strata.
Scattering mesquite trees.

Between Tps. 8 S. Rps. 16 & 17 W.
Gila & Salt River Meridian

No. North between secs. 1 & 6.

Var. $140^{\circ}47'$ East

40.00 Set a post, marked 74 S. 4 ft long, flattened
3 in wide, 1 ft in the ground, drive charred
stake and build mound of earth 2 ft
high, with pits 1 ft deep, 2 ft long, 1 ft wide,
as per instructions, for 74 sec. cor. from which
A Mesquite, 11 in dia. b. East, 91 lvs. dist.
No other trees near.

80.00 Set a post, marked & notched, 4 ft long
4 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 Tps. 7 and
8 S. Rps. 16 and 17 W. from which
A Mesquite, 11 in dia. b. S 65° W. 178 lvs. dist.
No other trees near.

Land level. Soil stony.

Mesquite timber.

January 19, 1878.

P. 7th & 8th S. Rgs 16 W.
 Gila & Salt River Meridian
 January 21, 1878.

From the cont. P. 7th & 8th S. Rgs. 16 E. & 17th W. Iron
 Cast. On random line along N. B. top sec. 6. 5. 4. 3. 2. 1.
 Variation 14° 50' East.

As Per Burt's Solar Compass.

Marking the line temporarily, - at 5 miles and
 78.90 chs. I intersect N. and S. line 49 lks.
 N. of cor. to P. 7th & 8th S. Rgs. 15th & 16th W.

This cor. I find standing as established in 1877,

a post, with knob of earth, and from which
 A willow, 6 in dia. br. S. 36¹/₂° W. 45 lks. dist
 A Cottonwood, 8. " " S. 78¹/₂° W. 99 " "
 do. 10. " " S. 61° E. 99 " "

From a true line N. from this cor., the correction
 for my random line will be 8 lks. S. per
 mile, and 110 lks. N., and Iron
 N. 89° 57' W.

On true line bet. secs. 1 & 36.

var. 14° 50' East

23.46 Intersect left bank Gila river, brs. S. W.
 Set a post, marked, 4 ft long, 3 in. sq. 1 ft in the

Between Tps. 7 & 8 S. Range 16 W.
Gila & Salt River Meridian

Continued

As ground, drive charred stake and build mound of earth 2 ft high, taken from pit E. for cor. to fractional sec. 1 & 36. No trees near.

I set a flag on line on opposite bank of river and measure off a base 100 lvs. S. from the end of which flag on line brs. $N. 80^{\circ} 51' W.$ giving distance of 6.21 chs. - or

29.67 To right bank of river. Set a post, marked, 4 ft long, 3 in. sq. 1 ft in the ground, drive charred stake and build mound of earth 2 ft high, with pit on line W. for cor. to frac. sec. 1 and 36. No trees near.

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.

Peterson Trs. 7 & 8 S. Range 16 W.
Gila and Salt River Meridian

No. Continued

71.00 Intersect right bank Gila river bro. 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, taken from
1 pit E. for cor. to frac. secs. 1 & 36.

Set flag on line on opposite and left
bank of river, and measure off a base
200 lvs N. to point whence flag bro.

S. $86^{\circ}22'$ N., making dist across 31.50 chs. or

102.50 To left bank river.

The sec. cor. to secs. 1, 2, 35 and
36, cannot be set, as it falls in river.

The land between secs. 36 and 1 is
first rate on E. end, then poor and
sandy. Brush. Scattering trees on
extreme E.

Between Tps. 7 & 8 S. Range 16 W.
Gila and Salt River Meridian

No. N. 89° 57' W. bet secs (on true line.) 2 & 35.
Var. 144° 50' East

22.50 (This being the point where flag stood in
last previous notes,) Set a post, marked,
4 ft long, 3 in. sqd. 1 ft in the ground, drive charred
stake and build mound of earth 2 ft high, taken
from 1 pit W. of cor. to face. sec. 2 & 35. No trees near.

37.00 Old bank of river bro. S. W.

40.00 Set a post, marked 14 S. 4 ft long, flattened 3 in. wide
1 ft in the ground, drive charred stake and build
mound of earth 2 ft high, with pit 1 ft deep, 2 ft
long, 1 ft wide, as per instructions for 14 sec. cor. from which
a Cottonwood, 8 in. dia. bro. N. 52° 1/4' E. 144 lbs. dist.
No other trees near.

80.00 Cor. falls in edge of water, on left bank
of Gila river, bro. S. W. Therefore, for se-
curity, at a point 100 lbs. S. of true point, I
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 pit
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 strata soil. Scatter
ing trees.

Between Tps. 7 & 8 S. Range 16 W.
Gila and Salt River Meridian

Sec. N. 89° 57' W. on true line bet sec. 3 & 34.
Var. 14° 50' East

With the compass standing at true point of cor. to
sec. 2, 3, 34 & 35. I measure off a base line
20000 ft. S. to a point whence the flag, (previously
set on line, on right bank of river,) brs. N. 85° 06' W.
giving distance across of 23, 33 chs.

23.33 Right bank Gila river, brs. 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 W. for cor. to face sec.
3 and 34. No trees near.

40.00 Set a post, marked 74 S. 4 ft. long, flattened 3 in.
wide, 1 ft. in the ground, drive charred stake and
build mound of earth 2 ft. high, with pits 1 ft.
deep, 2 ft. long, 1 ft. wide, as per instructions for
44 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 in-
structions, for cor. to Sec. 3, 4, 33 & 34.

No trees near.

Land level. Some good soil. Scatter-
ing trees.

Between Tps. 7 & 8 S. Range 16 N.
Gila & Salt River Meridian

Tps. N. 89° 57' W.

Between line between secs. 4 & 33

var. 14° 50' East.

40.00 Set a post, marked 14 S. 4 ft. long, flattened
3 in. wide, 1 ft. in the ground, drive charred
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
4, 5, 32 & 33 from which

a Mesq. 13 in. dia. var. N. 36° W. 225 lbs. dist
No other trees near.

Land level. Soil 1st rate.
Scattering Mesquite.

Between Tps. 7th & 8th S. Range 16th W.
 1st 1/2nd Salt River Meridian

No. N. 89° 37' W.

Outline line bet. secs. 5 & 32

var. 14° 50' East

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. No trees near.

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

a Mesquite, 12 in. dia. base N. 65° E. 127 lbs. det.
 No other trees near.

Land level. Soil strata, scat-
 tering Mesquite trees.

Between Tps. 7 & 8 S. Range 16 W.
Gila and Salt River Meridian

Sec. N. 89057 W.

On true line between secs 6 & 31.
Var. 14° 50' East

40.00 Set apart, marked 1/4 S. 1/4 ft. long, flattened
3 in. wide, 1 ft. in the ground, drive
charred stake and build mound
of earth 2 ft. high, with pile 1 ft. deep,
2 ft. long, 1 ft. wide, as per instructions
for 1/4 sec. cor. from which
A mesquite, 8 in. dia. base, N. 56° E. 248 lbs. dist.
No other trees near.

78.90 Cor. to Tps. 7 & 8 S. Range 16 and
17 W.

Land level.

Soil & strata.

Scattering mesquite trees.

January 21, 1878.

Peterson Tps. 7 S. Rgs. 16 E 17 W.

Line $\frac{1}{2}$ Salt River Meridian

January 25, 1878

No. From the cor. to Tps. 7 S. Rgs. 16 E 17 W. Run
North between secs. 31 & 36.

var. $14^{\circ}49'$ East.

As per Burt's 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 stakes
and build mound of earth 2 ft high, with
pits 1 ft deep, 2 ft long, 1 ft wide, as for in-
struction for $\frac{1}{4}$ sec. cor. from which
A mesquite, 9 in. dia. bas. N. 16° E. 150 lbs. dist
do. 20 " " S. 55° E. 250 " "

42.50 Road bas. E. and W.

80.00 Set a post, marked $\frac{1}{2}$ notched, 4 ft long,
3 in. sq. d. 1 ft in the ground, drive charred stakes
and build mound of earth 2 ft high, with pits
1 ft deep, 2 ft long, 1 ft wide, as for in-
struction for cor. to secs. 25, 30, 31 & 36.

Notes near.

Land level. Soil strata. Scattering
Mesquite.

Between Twp. 7 S. Rgs. 16 & 17 W.
Gila & Salt River Meridian

- 40.00 North, between secs. 25 & 30
var. 14° 49' 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. No trees near.
- 80.00 Set a post, marked and notched,
4 ft long, 3 in. sq. d. 1 ft in the ground,
as per instructions 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.
No trees near.

Land level. Soil fair rate
Scattering trees.

Between Tps. 7 & 8. R. 16 E 17 N.
Gila and Salt River Meridian

Chs. North, between secs. 19 & 24.
var. $14^{\circ}49'$ East

40.00 Set an igneous rock, $14 \times 11 \times 8$
inches, $\frac{2}{3}$ in the ground, marked
 $\frac{1}{4}$, and on N. build mound
of rocks 2 ft high, as per in-
structions for $\frac{1}{4}$ sec. cor.
No trees near.

80.00 Set an igneous rock, 16×13
 $\times 7$ inches, $\frac{2}{3}$ in the ground,
notched S. and N., and
on the N. build mound
of earth 2 ft high, with pits
1 ft deep, 2 ft long, 1 ft wide,
as per instructions for cor.
to secs. 13, 18, 19 and 24.
No trees near.

Land slightly ascending N.
Soil good. Scattering trees.

Between Tps. 28. Rps. 16 & 17 N.
Gila & Salt River Meridian

Chs. North between secs. 13 & 18
var. 14' 49" East.

40.00 Set an igneous rock, 13 x 9 x 8, inches, $\frac{2}{3}$ in the ground, marked $\frac{1}{4}$, and on N. build mound of rock 2 ft high, as per instructions for $\frac{1}{4}$ sec. cor.

No trees near.

80.00 Set an igneous rock, 16 x 12 x 8 inches, $\frac{2}{3}$ in the ground, notched S. and N., and on N. build mound of earth 2 ft high, with pits 1 ft. deep, 2 ft. long, 1 ft wide, as per instructions for cor. to Secs 7, 12, 13 and 18.

No trees near.

Land somewhat rolling
Soil good. A few trees

Between Twp. 7 S. Rps. 16 & 17 N.
Gila & Salt River Meridian

Chs. North between secs. 7 & 12,
var. $14^{\circ}49'$ East

40.00 Set an igneous rock, $15 \times 11 \times 9$
inches, $\frac{2}{3}$ in the ground, marked
 $\frac{1}{4}$, and on N. build mound
of rock 2 ft high, as per instruc-
tions for $\frac{1}{4}$ sec. cor.

No trees near.

80.00 Set an igneous rock 15×10
 $\times 9$ inches, $\frac{2}{3}$ in the ground,
notched Sand N $\frac{1}{2}$ and
on the N. build mound of
rock 2 ft high, as per in-
structions for cor. to secs.
1, 6, 7 and 12.

No trees near.

Land rolling. Soil good.
Some grass. Scattering trees.

Between Tps. 7 S. Rps. 16 E. & 17 W.
Gila & Salt River Meridian

No. North between secs. 1 & 6.
var. 14° 49' East

40.00 Set an igneous rock, 10 x 8 x
7 inches, $\frac{2}{3}$ in the ground,
marked 74, and on N. build
mound of stones 2 ft. high
as per instructions for 74 sec.
cor. No trees near.

80.00 Set a granite stone 24 x 13
x 8 inches, $\frac{3}{4}$ in the ground,
notched S. N. E. & W., and on
N. build mound of rock
4 ft. high, as per instructions
for cor. to Tps. 6 and 7 S.
Ranges 16 and 17 W.
No trees near.

Land rolling. Soil poor on
last end. Some pale verde
trees. January 25, 1878.

BLANK

Between Tps. 6³/₄ S. Range 16 W.
Gila & Salt River Meridian

January 25, 1878
Tps. From the cor. to Tps. 6³/₄ S. Range
16 and 17 W. Issue

Go
East on random line along N. bound-
aries of secs. 6. 5. 4. 3. 2 E. 1.
var. 14° 52' East.

As per Burt's solar Compass
I mark temporarily every 40 and
80 chs. and at 5 miles and
78.41 chs. I intersect at a point
6.1 lks. S. of cor. to Tps. 6³/₄ S.
Rgs. 15 & 16 W. This cor. I find
standing as built in 1877, it being
a post with mound of earth, from which
a pale sand tree, 7 in. dia. br. N. 31° W. 221 lks. dist.

To run from this cor. W. on true line
the correction must be 10 lks. N. per
mile, and 1.59 chs. on the W., and
From the cor. to Tps. 6³/₄ S. Range
15 & 16 W., I run

Between Tps. 6 & 7 S. Range 16 W.
Gila & Salt River Meridian

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

True line between sees. 1 & 26.
var. $14^{\circ} 32' East$

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 1st
sec. cor. No trees near.

80.00 Set an igneous rock, 16 x 14 x
6 inches, 2/3 in the ground,
notched E. and W., and on
the W. build mound of stones
2 ft high, as per instructions
for cor. to sees. 1, 2, 35 and
36. No trees near.

Land somewhat rolling.

Soil partly good. A few trees.

January 25, 1878

Between Twp. 6th S. Range 16th W.

Old Salt River Meridian

Sec. S. 89° 56' W. January 26, 1878.

On true line between secs. 2 & 35,
 or nr. 124° 32' East

40.00 Set an igneous rock, 14 x 11 x 6
 inches, $\frac{2}{3}$ in the ground, marked
 $\frac{1}{4}$, and on N. build mound
 of rock 2 ft high, as per in-
 structions for $\frac{1}{4}$ sec. cor.

No trees near.

80.00 Set an igneous rock 20 x 16 x
 10 inches, $\frac{3}{4}$ in the ground,
 notched E. and W., and
 on the N. build mound of
 stones 2 ft high, as per in-
 structions for cor. to Secs. 2,
 3, 34 and 35.

No trees near.

Land rolling. Soil poor.

No timber.

Between Tps. 6 & 7 S. Range 16 W.
Gila and Salt River Meridian.

Co. S. 89056 N.

Outline line between secs: 3 & 34.
var. 14° 52' East

40.00 Set an igneous rock, 12 x 10 x
7 inches, $\frac{2}{3}$ in the ground,
marked 14, and on N. build
mound of earth 2 ft high, with
pits 1 ft deep, 2 ft long, 1 ft wide,
as per instructions for 14 sec. cor.
No trees near.

80.00 Set a granite stone 13 x 10 x 7
inches, $\frac{2}{3}$ in the ground, marked
E. and W., and on the W. build
mound of rocks 2 ft high
as per instructions for cor. to
secs. 3, 4, 33 and 34.

No trees near.

Land rolling. Soil poor.

No timber.

Between Twp. 6th S. Range 16th W.
Tila & Salt River Meridian

No. S. 89056 W.

On true line between secs. 4th & 33.
var. 14° 52' East

40.00 Set an igneous rock, 15 x 12 x 8
inches, $\frac{2}{3}$ in the ground, marked
 $\frac{1}{4}$, and on W. build mound of
stones 2 ft high, as per instruc-
tions for $\frac{1}{4}$ sec. cor.

No trees near.

80.00 Set an igneous rock, 18 x 14
x 10 inches, $\frac{3}{4}$ in the ground,
notched E. and W., and on
the W. build mound of
stones 2 ft high, as per in-
structions for cor. to secs. 4,
5, 32 and 33.

No trees near.

Land level and rolling.

Soil poor. A few trees.

Between Tps. 6th & 7th S. Range 16 W.
Gila & Salt River Meridians

Sec. 89th 56th W.

On true line between secs. 5th & 32nd,
var. 14° 52' East.

40.00 Set a granite stone 15 x 10 x 7
inches, $\frac{2}{3}$ in the ground and
on the W. build mound of earth
2 ft high, with pits 1 ft deep, 2 ft
long, 1 ft wide, as per instructions for
1st sec. cor. No trees near.

80.00 Set an igneous rock, 15 x 9 x
8 inches, $\frac{2}{3}$ in the ground,
notched E. and W., and on
the W. build mound of stones
2 ft high as per instructions
for cor. to secs. 5, 6, 31 and
32. No trees near.

Land rolling. Soil poor.
No timber of any consequence.

Between Tps. 6 & 7 Ranges 16 W.
 On the Salt River Meridian

No. S. 89° 56' W.

On true line between sec. 6 & 31.

var. 14° 52' East.

40.00 Set an igneous rock 13 x 10
 x 8 inches, $\frac{2}{3}$ in the ground
 marked $\frac{1}{4}$, and on W.
 build mound of stones
 2 ft high, as per instruc-
 tions for $\frac{1}{4}$ sec. cor.

No trees near.

78.41 Cor. to Tps. 6 & 7 S. Ranges
 16 and 17 W.

Land rolling. Soil poor.
 a few trees.
 January 26, 1878.

Contract Sept. 20. 1877.

BOOK 1636

N. Bdry. Tfr. 7 S. R. 17 W. Pages, 60-65.

W. " " " " " " 68-73

S. " " " " " " 75-81

W. Bdry. Tfr. 8 S. R. 17 W. Pages, 83-89

S. " " " " " " 91-97

W. Bdry. Tfr. 9 S. R. 17 W. Pages, 99-104

S. " " " " " " 106-112

S. Bdry. Tfr. 9 S. R. 18 W. Pages, 114-119

Between Tps. 6 & 7 S. Range 17 W.
Gila & Salt River Meridian

No. Surveys commenced July 31, 1878.
From the cor. to Tps. 6 & 7 S. Rgs. 16 & 17 W. In
W. E. contour line bet sec. 1 & 36.
var. $14^{\circ}51'$ East

A fine Burt's improved solar Compass.

40.00 Set a post, marked 74 S. 4 ft. long, flat-
tined 3 in. wide, 1 ft. in the ground, drive
chased stakes and build mound of earth
2 ft. high, with pits 1 ft. deep, 2 ft. long, 1 ft.
wide, as per instructions, for 74 sec. cor.
No trees near.

80.00 Set an igneous rock, 17 x 10 x 8 inches,
notched E. and W., set $\frac{2}{3}$ in the
ground, and on the W. build
mound of rocks 2 ft. high, as per
instructions for cor. to sec. 1, 2, 35,
and 36. No trees near.

Land level. Soil poor. No timber.

Between Tps. 6 & 7 S. Range 17 W.
Gila & Salt River Meridian

- No. West on true line between secs. 2 & 35.
var. 14051' East
- 40.00 Set an igneous rock $18 \times 10 \times 5$
inches, $\frac{3}{4}$ in the ground, marked
 $\frac{1}{4}$, and on W. build mound of
rocks 2 ft high, as per instruc-
tions, for $\frac{1}{4}$ sec. cor.
No trees near.
- 80.00 Set an igneous rock $16 \times 13 \times$
9 inches, $\frac{2}{3}$ in the ground,
marked E. and $\frac{1}{4}$, and on
the W. build mound of rocks
2 ft high as per instructions for
cor. to secs. 2, 3, 34 and 35.
No trees near.

Land level and rolling
Soil poor. No timber.

Between Tps. 6 & 7 S. Range 17 W.
Gila & Salt River Meridian

See West base line bet secs. 3 & 34
var. $14^{\circ}51'$ East

140.00 Set a post, marked 14 S. 4 ft. long,
flattened 3 in. wide, 1 ft. in the ground,
drill chared stake and build a
mound of stones 2 ft high as per
instructions for 1/4 sec. cor.

No trees near.

80.00 Set an igneous rock $28 \times 18 \times$
 18 inches, $3/4$ in the ground,
notched E. and W., and on
the W. build mound of stones
2 ft high, as per instructions
for cor. to secs. 3, 4, 33 and
34.

No trees near.

Land rolling. Soil poor.
A few trees.

Between Tps. 6th & 7th S. Range 1st W.
Gila & Salt River Meridian

Th. West on true line between 4 & 33.
var. $14^{\circ}51'$ East

40.00 Set a granite rock, $16 \times 11 \times 9$
inches, $\frac{2}{3}$ in the ground,
marked 14, and on W. build
mound of rocks 2 ft high,
as per instructions for 14 sec.
cor. No trees near.

80.00 Set an igneous rock, 16×12
 $\times 8$ inches, $\frac{2}{3}$ in the ground,
notched E. and W., and on
the W. build mound of rocks
2 ft high, as per instructions
for cor. to Secs. 4, 5, 32 and
33.

No trees near.
Land rolling.

Soil poor.

No timber

Between Tps. 6 & 7 S. Range 17 W.
Gila & Salt River Meridian

No. West on true line bet secs. 5 & 32.
var. $140^{\circ} 51'$ East

40.00 Set a granite stone $14 \times 14 \times 9$
inches, $\frac{2}{3}$ in the ground,
marked 14, and on N. build
mound of earth 2 ft high, with
pit 1 ft deep, 2 ft long, 1 ft wide, as
per instructions, for 14 sec. cor.

No trees near.

80.00 Set a granite rock, $17 \times 13 \times 6$
inches, $\frac{2}{3}$ in the ground, notched
E. and W., and on the W. build
mound of rocks 2 ft high
as per instructions for cor. to
secs. 5, 6, 31 and 32.

No trees near.

Land rolling, Soil poor
No timber.

Between Tps. 6th & 7th S. Range 17th W.
Gila & Salt River Meridian

Pos. West on true line between 6th & 7th S.
var. 144° 51' East

40.00 Set an igneous rock 17 x 13
x 9 inches, $\frac{2}{3}$ in the ground,
marked 74, and on the W.
build mound of stones 2 ft
high as per instructions for 74 sec.
cor. No trees near.

And, allowing 187 hrs for calculated con-
vergence, - at

78.13 Set an igneous rock, 23 x 15 x
8 inches, $\frac{3}{4}$ in the ground, notched
E. W. N. & S., and on the W. build
mound of rocks 3 ft high,
as per instructions, for cor. to Tps.
6th & 7th S. Ranges 17th & 18th W.
No trees near.

Land level & rolling. Soil poor,
then good. A few trees.
January 31. 1878.

Between Tps. 7 S. Rps. 17 & 18 N.

Gila & Salt River Meridian

January 31, 1878.

No. From the cor. to Tps. 6 & 7 S. Rps. 17 & 18 N., run
South, on true line bet. secs. 1 & 6.

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

As per Burt's Solar Compass.

40.00 Set a granite rock $18 \times 10 \times 7$ inches
 $\frac{3}{4}$ in the ground, marked 74,
and on S. build mound of
rocks 2 ft high, as per instructions
for 74 sec. cor.

No trees near.

80.00 Set an igneous rock $16 \times 11 \times 9$ in-
ches, $\frac{2}{3}$ in the ground, notched
N. & S., and on S. build mound
of stones 2 ft high, as per in-
structions, for cor. to Sec. 1, 6,
7 and 12.

Land slightly descending S.
Soil good. A few trees.

Between Tps. 24 S. Ranges 17 & 18 W.
Gila & Salt River Meridian

Sec. South between Secs. 7 & 12,
var. 14° 50' East

40.00 Set an igneous rock 15 x 13 x 9 inches
2/3 in the ground, marked 14,
and on the S. build mound of
rocks 2 ft high, as per instruc-
tions, for 14 sec. cor.
No trees near.

80.00 Set an igneous rock 15 x 10 x
10 inches, 2/3 in the ground,
notched N. and S., and on
the S. build mound of rocks
2 ft high, as per instruction
for cor. to Secs. 7, 12, 13 and
18.
No trees near.

Land slightly rolling. Soil
good. Scattering palo verde
trees.

Between Twp. 7 S. Rps. 17 & 18 W.
Gila & Salt River Meridian

Sec. South between secs. 13 & 18.
var. 14²⁵ East.

40.00 Set an igneous rock 14 x 11 x
7 inches, $\frac{2}{3}$ in the ground,
marked 74, and on S. build
mound of rocks 2 ft high
as per instructions for 74 sec.
cor. No trees near.

80.00 Set a granite stone 15 x 11 x 7
inches, $\frac{2}{3}$ in the ground, notch-
ed N. and S., and on the S.
build mound of stones 2 ft
high, as per instructions for
cor. to secs. 13, 18, 19 and 20.
from which

a Palo Verde tree, 12 in. dia. brn. N. 30° E. 13 brn. dist.

No other trees near.

Land level. Soil partly good.

A few Palo verde trees.

Between Tpo. 7 S. Rps. 17 & 18 N.
Gila & Salt River Meridian

The South between secs. 19 & 24.
var. 14°50' East

40.00 Set an igneous rock 13 x 12 x 8
inches, $\frac{2}{3}$ in the ground, marked
 $\frac{1}{4}$, and on S. build mound of
stones 2 ft high, as per instructions
for $\frac{1}{4}$ sec. cor.

No trees near.

80.00 Set an igneous rock 14 x 12 x
10 inches, $\frac{2}{3}$ in the ground,
notched N. and S., and on
the S. build mound of earth
2 ft high, with pits 1 ft deep, 2
ft long, 1 ft wide, as per in-
structions for cor. to secs. 19,
24, 25 and 30.

No trees near.

Land descending S. Soil
good. A few trees.

Between Tps. 7 S. Rps. 17 & 18 W.
Gila & Salt River Meridian

Sec. South Between secs. 25 & 30.
var. 14°50' East

40.00 Set a granite stone 13 x 10 x
9 inches, $\frac{2}{3}$ in the ground,
marked 14, and on S. 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 an igneous rock 14 x 12
x 8 inches, $\frac{2}{3}$ in the ground,
marked N. and S., and on
the S. build mound of rocks
2 ft high, as per instruction
for cor. to secs. 25, 30, 31 and 36.

No trees near.

Land level. Soil good. A few trees.

Between Tps. 7 S. Ranges 17 & 18 W.
Gila & Salt River Meridian

Ps. South, between secs. 31 & 36.
var. $14^{\circ}50'$ East.

40.00 Cor. falls in wash 15 lvs. wide
bro S. E. At a point 20 lvs. S. of
true point, set an igneous rock
 $14 \times 10 \times 9$ inches, $\frac{2}{3}$ in the ground,
marked 74, and on S. build a
mound of earth 2 ft high, with pits 1 ft
deep, 2 ft long, 1 ft wide, as per instructions
for these cor. from which
A Palo Verde tree, 10 in. dia. br. S. 50° E. 31 lvs. dist.
No other trees near.

80.00 Set a granite stone $21 \times 15 \times 10$ inches, $\frac{3}{4}$ in the
ground, notched N. S. E. & W. and on the S.
build mound of stones 3 ft high, for cor. to Tps.
7 & 8 S. Rgs. 17 & 18 W. from which
A Palo Verde, 4 in. dia. br. S. 40° E. 143 lvs. dist.
No other trees near.

Land hilly on front part Soil poor, thin soil.
Scattering trees. January 31. 1878.

Between Tps. 7 & 8 S. Range 17 W.
Gila & Salt River Meridian

February 1. 1878

As. From the cor. to Tps. 7 & 8 S. Rps. 17 & 18 W., Run
East on random line along the N. bound-
aries of secs. 6, 5, 4, 3, 2 & 1.

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

As per Burt's Solar Compass.

Set temporary cors. at every
40 and 80 chs., and at 5 miles
78.50 chs. I intersect 74 lvs N. of cor.
to Tps. 7 & 8 S. Rps. 16 and 17 W., es-
tablished by myself in these
present surveys.

Therefore the correction for
a true line W. will be 12 lvs. S.
per mile, and 150 lvs. to the W.

From the cor. to Tps. 7 and 8 S.
Ranges 16 and 17 W. Run

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

On true line bet. secs. 1 & 36.

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

Between Tps. 7 & 8 S. R. 10 W.
Gila & Salt River Meridian

Continued

40.00 Set a post, marked 74 S. 4 ft long,
flattened 3 in. wide, 1 ft in the
ground, drive charred stake and
build mound of earth 2 ft high, with
pits 1 ft deep, 2 ft long, 1 ft wide, as per
instructions for 74 sec. cor. from which
a Mesquite, 6 in. dia. brs. S. 71° W. 40 brs. dit.

do 10. " " N. 25° E. 43. "

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

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

No trees near.

Land level. Soil good.
Scattering trees.

Between Tps. 7 & 8 S. Range 17 W.
Tela & Salt River Meridian

No. N. 89° 35' W.

Entrance between secs. 2 & 35.

Var. 14° 47' East

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

Alcoguite 8 in dia. br. N. 10° E. 13 lvs. 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, dove
chamed 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. 2, 3, 34 & 35.

No trees near.

Land level. Soil good. No timber
of consequence.

Between Tps. 7 & 8 S. Range 17 W.
 Gila & Salt River Meridian

S. N. 89° 55' W.

On true line between sec. 3 & 34
 var. 14° 47' East.

240.00 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 9 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.
 No trees near.

Land level. Soil good.

A few trees.

Between Tps. 24 & 8 S. Range 17 W.
Gila and Salt River Meridian

Tps. N. 89° 55' W.

On true line between secs. 4 & 33

var. 114° 47' 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.

66.80 Dry wash 25 lbs. wide, to 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 in-
structions for cor. to secs. 4, 5, 32 & 33
from which

A Pale Verde, 8 in. dia. bro. S. 82 1/2° W. 187 lbs. dist.

No other trees near.

Land level. Soil good. Scattering trees

Between Tps. 7 & 8 S. Range 17 W.
Gila & Salt River Meridian

S. No. N. 89° 55' W.

On true line between secs. 5 & 32

var. 140° 44' 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 in-
structions for 14 sec. cor. No trees near.

80.00 Set a granite stone 16 x 12 x
8 inches, 2/3 in the ground, notch-
ed E. and W., and on the W. build
mound of earth 2 ft high, with
pits 1 ft deep, 2 ft long, 1 ft wide,
as per instructions for cor. to sec.
5. 6. 31 & 32. No trees near.

Land level. Soil good.

A few trees.

Between Tps. 7 & 8 S. Range 17 & 18 N.
 Dela & Salt River Meridian

No. N. 89055 N.

On true line between secs. 6 & 31.

var. $140^{\circ}47'$ 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 4 ft
 deep, 2 ft long, 1 ft wide, as per instruction
 for 74 sec cor.

No trees near.

78.50 Cor. to Tps. 7 & 8 S. Rgs. 17 & 18 N.

Sand level.

Soil good.

A few trees.

February 1. 1878.

Between Tps. 8 S. Rgs. 17 & 18 W.

Gila & Salt River Meridian

February 6, 1878.

Tps. 8 South Co. to Tps. 7 & 8 S. Rgs. 17 & 18 W., from
 10th to 11th lines between 1 & 6.

var. $14^{\circ} 41'$ East.

40. As per Burt's Solar Compass

40.00 Set a granite stone $14 \times 12 \times 6$
 inches, $\frac{2}{3}$ in the ground, marked
 $\frac{1}{4}$, and on S. 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 & 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, 6, 7 & 12, from which

A Palo Verde, 10 in. dia. brs. S. 53° W. 180 lbs. dist.

do. 12 " " " S. $37\frac{1}{2}^{\circ}$ E. 292 " "

No other trees near.

Land level. Soil good. Scattering trees

Between Tps. 8 S. Rps. 17 E. 18 W.
Gila & Salt River Meridian

No. South between secs. 7 & 12
var. $14^{\circ}41'$ East

15.60 Road bns. E. and W.

40.00 Set a post, marked $\frac{1}{4}$ S. 4 ft long, flat
tined 3 in. wide, 1 ft in the ground, drive
sharred 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
sharred 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. from which
A mesquite, 13 in. dia. h. N. 84° E. 163 breast h.
No other trees near.

Land level. Soil good.

Scattering trees.

Between Tps. 8 S. Rps. 17 & 18 W.
Gila & Salt River Meridian

Tps. South between secs. 13 & 18.

var. 14041' 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 & 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. 13,
18, 19 and 24.

No trees near.

Land level. Soil good,
Scattering trees.

Between Tps. 8 S. Rps. 17 & 18 N.
Gila and Salt River Meridian

No. South between secs. 19 & 24.
var. 14° 41' 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.

67.75 Intersect right bank Gila
river, ⁶⁰ 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, with one pit on the N. for
cor. to fractional secs. 19 & 24.

No trees near.

Now set flag on line on left
bank of river, and measure

Between Tps. 8 S. R. 17 E. 18 N.
Gila & Salt River Meridian

Continued -

78.40 To left bank of river. I go 160
lbs farther S. and at

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.

No trees near.

Sand level. Some good soil.
Scattering trees.

Between Tps. 8 S. Rgs. 17th & 18th.
Gila & Salt River Meridian

No. South between secs. 25 & 30.

var. 14041 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. from which

A Cottonwood, 12 in. dia. base, S. 44 $\frac{1}{2}$ ° E. 38 lbs. dia.

do. 8 " " West, 10 " "

66.40 Yuma road bro. S. of W.

67.00 Cross sand bank.

80.00 Drive charred stake and build mound
of earth 2 ft high, with pits 1 ft deep,
2 ft long, 1 ft wide, and in center of
pit S. E. of cor. drive a stake marked
and notched, 2 ft long, 2 in. sq. 1 ft
in the ground as per instructions for cor. to
secs. 25, 30, 31 and 36. No trees near.
Sand ascending S. Soil partly good. Scattering trees.

Between Tps. 8 & 9 S. Rps. 17 & 18 W.
Gila & Salt River Meridian

No. South, between sec. 31 & 36,
var. 14° 41' East.

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

80.00 Set a post, marked & notched,
4 ft long, 3 in. sq'd. 1 ft in the
ground, drive charred stake and
build mound of earth 2 ft high
with pits 1 ft deep, 2 ft long, 1 ft
wide, as per instructions for cor.
to Tps. 8 & 9 S. Rps. 17 & 18 W.
No trees near. (This was the
largest post obtainable.)

Level. Soil partly good.
No timber. Feb 16, 1878

Between Tps. 8 & 9 S. Range 17 W.
Gila & Salt River Meridian

February 6. 1878.

Trs. From the cor. to Tps. 8 & 9 S. Range
17 and 18 W. Run

East, on random line along N.
boundaries of secs. 6. 5. 4. 3. 2 & 1.
var. $14^{\circ} 39'$ East

A perfect Butts improved Solar Compass

I set temporary cors. at every 40
and 80 chs., and at 5 miles
and 79.15 chs., I intersect 18 lks.

S. of cor. to Tps. 8 & 9 S. Ranges
16 and 17 W., said corner having
been established by myself
in these present surveys.

The correction will therefore
be 3 lks. N. per mile, and 85
lks. to the W.

From the cor. to Tps. 8 & 9 S.
Ranges 16 and 17 W. Run
S. 89° 59' W.

On true line between secs. 1 & 36.

Between Tps. 8th & 9th S. Range 17th W.
Gila^{Co} Salt River Meridian

Continued —

40.00 Var. 144° 39' East.

Drive charred stake and build
mound of earth 2 ft high, with pits 1
ft deep, 2 ft long, 1 ft wide,
as per instructions for 14 sec. cor.
No stones or trees near.

80.00 Cor. falls in little wash 25 lbs. wide,
br. N. W.

At 30 lbs. N. of true point, 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, 2,
35 and 36. No trees near.

Sand level. Soil good. No timber

Between Tps. 8 & 9 S. Range 17 W.
Gila & Salt River Meridian

Secs. 89 & 90 W.

On true line between secs. 2 & 35.

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

40.00 Set a post, marked and notched,
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 Drive charred stake and build a
mound of earth 2 ft high with pits 1 ft
deep, 2 ft long, 1 ft wide, and in cen-
ter of pit S. E. of cor. drive a stake
marked and notched, 2 ft long, 2 in
sq. d. 1 ft in the ground, as per in-
structions for cor. to secs. 2, 3, 34
& 35. No trees near.
Sand level. Soil good.
No timber.

Between Tps. 8 & 9 S. Range 17 W.
Gila & Salt River Meridian

S. S. 8959 N.

Between line between secs. 33 & 34

var. 14139. East

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

No stones or trees near.

80.00 Drive charred stake and build mound of earth 2 ft high, with pits 1 ft deep, 2 ft long, 1 ft wide, as per instructions, and in center of pit S.E. of cor. drive a stake, marked and notched, 2 ft long, 2 in. sq. d. 1 ft in the ground, for cor. to Secs. 3, 4, 33 & 34.

No stones or trees near.

Land level. Soil good.

No timber.

Between Tps. 8 & 9 S. Range 17 W.
Gila & Salt River Meridian

Pos. S. 89059 W.

On true line between secs. 44 & 33,

var. 14039 East

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

No stones or trees near.

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

14. 5. 33 & 32.

No stones or trees near.

Land level. Soil good.

No timber. February 6, 1878.

Between Tps. 8 & 9 S. Range 17 N.
Gila & Salt River Meridian

Sec. 8 9 39 N.

On true line between secs. 5 & 32.

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

40.00 Drive charred stake and build mound of earth 2 ft high, with pits 1 ft deep, 2 ft long, 1 ft wide, as per instructions for $\frac{1}{4}$ sec. cor. No stones or trees near.

50.00 Drive charred stake and build mound of earth 2 ft high, with pits 1 ft deep, 2 ft long, 1 ft wide, and in center of pit S. E. of corner drive a stake, marked and notched, 2 ft long, 2 in sq. d. 1 ft in the ground, as per instructions for cor. to secs. 5, 6, 31 and 32.

No stones or trees near.

Land level. Soil good.

No timber. Grass.

Between Tps. 8 & 9 S. Range 17th W.
Gila & Salt River Meridian

Pr. S 89° 59' W.

Intersect line between sec. 6 & B1.

var. 14° 39' East

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

No stones or trees near.

79.15 Conto Tps. 8 & 9 S. Rgs. 17
and 18 W.

Sand level.

Soil first rate.
No timber.

February 7, 1878.

Between Tps. 9 S. Rgs. 17 & 18 W.
Gila & Salt River Meridian

Feb'y 12th 1878.

Sec. 1st from cor. to Tps. 8 & 9 S. Rgs. 17 & 18 W., Down
North between secs. 1 & 6.

var. 140°40' East.

Asper Rust's improved Solar Compass

40.00 Set a post, marked "H.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 "H.S. cor." from which

Aphalo runs, 12 in. dia. bar, N. 65° E. 174' lead dit.

do 14 " " " S. 37° E. 164 " "

80.00 Set a post, marked & notched, 4 ft long,
3 in. sq. d. 1 ft in the ground, drive charred
stake and build mound of earth 2 ft high
with pile 1 ft deep, 2 ft long, 1 ft wide, as per
instructions for cor. to secs. 1, 6, 7 and
12. No trees near.

Sand loess. Soil good
a few trees. Grass.

Between Tps. 9 S. Rps. 17 & 18 W.
Gila & Salt River Meridian

No. South, between secs. 17 & 12
var. 140°40' East

7.00 Dry wash, 30 ft wide, flows N. W.

40.00 Drive charred stake and build mound
of earth 2 ft high with pits 1 ft deep, 2
ft long, 1 ft wide, as per instructions
for 7th sec. cor. No stones or trees near.

80.00 Drive charred stake and build
mound of earth 2 ft high, with
pits 1 ft deep, 2 ft long, 1 ft wide,
and in center of pit S. E. of cor.
Drive a stake marked and
notched, 2 ft long, 2 in. sq. d.,
1 ft in the ground, as per in-
structions for cor. to secs. 7, 12,
13 and 18.

No stones or trees near.
Land level. Soil good.
No timber. Grass.

Between Tps. 9 S. R. 17 & 18 W.
Gila & Salt River Meridian

As South between sec. 13 & 18,
Var. 14°40' East

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

80.00 Drive charred stake and build
mound of earth 2 ft high, with
pits 1 ft deep, 2 ft long, 1 ft wide,
and incitee of pit S. E. of cor.
Drive a stake marked and
notched, 2 ft long, 2 in. sq. d.,
1 ft in the ground, as per in-
structions for cor to secs.
13, 18, 19 and 21.

No stones or trees near.

Sand level. Soil good.
No timber. Grass.

Between Tps. 9 S. Rps. 17 & 18 W.
Gila & Salt River Meridian

No. South, between secs. 19 & 24
var. 124°40' East

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

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

Land level. Soil good.
No timber. Grass.

Between Tps. 9 S. Rgs. 17 E. 18 N.
Gila and Salt River Meridians

Pro. South, between secs. 25 & 30.

var. 144°40' East.

40.00 ~~Set~~ 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 stones or trees
near.

80.00 Drive charred stake and build
mound of earth 2 ft high, with
pits 1 ft deep, 2 ft long, 1 ft wide,
and in center of pit S. E. of cor.
drive a stake marked and
notched, 2 ft long, 2 in. sq' d.,
1 ft in the ground, as per in-
structions for cor. to secs.
25, 30, 31, and 36.

No stones or trees near.

Land level. Soil good.

No timber. Grass.

Between Tps. 9 S. Rgs. 17 & 18 W.
 Gila & Salt River Meridian

Rs. South between sec. 31 & 26.
 var. 140040 East

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

No stones or trees near.

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 a
 mound of earth 2 1/2 ft high, with
 pits 1 ft deep, 2 1/2 ft long, 1 1/2 ft
 wide, as per instructions for
 cor. to Tps. 9 and 10 S., Ranges
 17 and 18 W.

No trees near.

Land level. Soil good.
 No timber. Grass.

February 12, 1878.

Between Tps. 9 & 10 S. Range 17 W.
 Tila & Salt River Meridian

February 12. 1878

From the cor. to Tps. 9 and 10 S.
 Ranges 17 and 18 W., I run
 East, on a random line along
 N. boundaries of secs. 6-5.
 4. 3. 2 and 1.

Var.

$14^{\circ}42'$ East

As per Burt's Solar Compass.

I set temporary cors. at every
 40 and 80 chs., and at 5 miles
 and 79.59 chs. I intersect the
 N. and S. line 51 lks. S. of cor. to
 Tps. 9 and 10 S. Ranges 16 and
 17 W., which cor. was established
 by myself in these present
 surveys.

Therefore the correction
 will be $8\frac{1}{2}$ lks. N. per mile, and
 41 lks. to the N., and from the cor. to
 Tps. 9 & 10 S. Rgs. 16 & 17 W. I run

Between Tps. 9 & 10 S. Range 17 W.
Gila & Salt River Meridian

Continued
R. S. 8956 N.

Between secs. 1 & 36
var. 14⁰² 2' East

40.00 Set apart, marked 14 S. 4 ft long, flattened
3 in wide, 1 ft in the ground, drive charred
stake and build mound a foot 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 apart, marked & isolated, 4 ft
long, 3 in sq. 1 ft in the ground drive
charred stake and build mound
a foot high, with pits 1 ft deep,
2 ft long, 1 ft wide, as per instruc-
tions for cor. to secs. 1, 2, 35 and
36.

No trees near.

Land mostly level. Soil good
and fertile. Scattering trees.

Between Twp. 9th & 10th, Range 17th W.
 2nd Salt River Meridian

Ch. S 89th 36th N. entrance bet sec. 2nd & 3rd 5.
 var. 14° 42' 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 instructions for 1/4 sec. cor.
 No trees near.

50.20 Dry wash, 100 lks. wide, flows N. W.
 80.00 Cor fallow in wash, 25 lks. wide, flows N. E.
 at 50 lks. W., 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. 2, 3, 34 & 35, from which
 a Mesquite, 13 in. dia. has S. 45° E. 55 lks. dist.
 do. 10 " " N. 39° E. 73 " "
 No other trees near.
 Sand broken. Soil poor.
 Scattering trees.

Between Tps. 9 & 10 S. Range 17 W.
Gila & Salt River Meridian

Chs. 3956 N.

Between line bet. secs. 3 & 34
var. 14° 42' East

40.00 Set an igneous rock, 15 x 9 x 8
inches, $\frac{3}{4}$ in the ground, marked
 $\frac{1}{4}$, and on N. build mound
of rock 2 ft high, as per in-
structions, for $\frac{1}{4}$ sec. cor.
No trees near.

80.00 On N.E. slope high hill. Set an
igneous rock 18 x 12 x 9 inches
 $\frac{3}{4}$ in the ground, marked E and
N., and on the N. build mound
of rocks 2 ft high, as per in-
structions for cor. to secs. 34,
33 and 34.
No trees near.

Sand broken. Soil poor.
No timber.

Between Tpa. 9th W. S. R. 17th N.
 Sec. 2nd Salt River Meridian

D. S. 89056th N.

Set a line between secs. 4th & 33.
 var. 14°42' E.

40.00 Set an igneous rock, 10 x 9 x 6
 inches, $\frac{2}{3}$ in the ground, marked
 $\frac{1}{4}$, and on W. build mound
 of rocks 2 ft high, as per in-
 structions for $\frac{1}{4}$ sec. cor.

No trees near.

80.00 Set a granite stone 15 x 12 x 8
 inches, $\frac{2}{3}$ in the ground, notched
 E. and W., and on the W.
 build mound of earth 2 ft.
 high, with pits 1 ft. deep, 2 ft. long,
 1 ft. wide, as per instructions
 for cor. to secs. 4, 5, 32 & 33.

No trees near.

Land descending W. Some
 good soil. A few trees.

Between Tps. 9th & 10th S. Range 17th W.
 Gila & Salt River Meridian

Sec. 31 & 32 W

Section line between sec. 5 & 32.

var. 14° 42' East

40.00 Set a post, marked 148, 4 ft long,
 flattened 3 in wide, 1 ft in the ground,
 drive chamed 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 & notched,
 4 ft long, 3 in sq. d. 1 ft in the
 ground, drive chamed 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 & 32.

No trees near.

Land level. Some good soil
 Scattering trees. Grass.

Between Tps. 9th & 10 S. R. 17 W.
 Co. 4 Salt River Meridian

No. South 89° 56' W.

Outline between sec. 6 & 31
 var. 14° 42' E.

40.00 Set a post, marked 14 S. 4 flong,
 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.

79.59 Cor. to Tps. 9 and 10 S.
 Ranges 17 and 18 W.

Land level.

Soil good. Grass
 Scattering trees

February 12, 1878.

Between Tps. 9 & 10 S. Range 18 W.
 T₁₀ Salt River Meridian

February 16. 1878.

From cor. to Tps. 9 & 10 S. R₁₈ 17 & 18 W., Drive
 W. E. on true line between Secs. 35 & 36.

Var. 14444' East

Repub. Burt's Solar Compass

40.00 Drive chared stake and build a
 mound of earth 2 ft high, with pits 1 ft
 deep, 2 ft long, 1 ft wide, as per in-
 structions for 1/4 sec. cor.

No stones or trees near.

80.00 Drive chared stake and build
 mound of earth 2 ft high, with
 pits 1 ft deep, 2 ft long, 1 ft wide, and
 in center of pit S. E. of cor. drive
 a stake, marked and notched, 2
 ft long, 2 in. eq. d. 1 ft. in the ground,
 as per instructions for cor. to Secs.
 1, 2, 35 and 36. No stones or trees
 near.

Land level. Soil good. Not timber.
 Grass.

Between Tps. 9 & 10 S. Range 18 W.
 Dela² Salt River Meridian

Sec. 24 & 35.
 var. 14° 44' East

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

No stones or trees near.

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

No stones or trees near.

Level. Soil good. No timber.
 Grass.

Between Tps. 9 & 10 Range 18 N.
 6th Salt River Meridian

No. 11 Montone line bet. secs. 3 & 34
 var. $14^{\circ}44'$ East.

40.00 Drove chared stake and build
 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 stones or trees near.

80.00 Drove chared stake and build
 mound of earth 2 ft high, with
 pit 1 ft deep, 2 ft long, 1 ft wide,
 and in center of pit S. E. of cor.
 drove a stake, marked and
 notched, 2 ft long, 2 in. sq. d. 1 ft
 in the ground, as per instructions
 for cor. to secs. 3, 4, 33 and 34
 No stones or trees near.
 Land broken on first part;
 then level. Some good soil.
 No timber. Grass.

Between Tps. 9 & 10 S. Range 18 W.
Gila & Salt River Meridian

Sec. West on true line bet. secs. 4 & 33.
var. 14° 44' East

14.00 Dry wash 150 yds wide, flows N.

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

No stones or trees near.

80.00 On S. slope of small mountain
br. N. Set a granite stone,
13 x 12 x 8 inches, 2/3 in the ground,
notched E. and W., and on the
W. build mound of rocks 2
ft high, as per instructions for
cor. to secs. 4, 5, 32, and 33.

No trees near.

Land level then broken.

No timber. Some grass.

Between Tps. 9 & 10 S. Range 18 W.
Gila & Salt River Meridian

Rs. Not on true line bet sec. 5 & 32.
var. 14° 44' East

40.00 Drive charred stake and build mound a fourth 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 granite stone, 20 x 13 x 12 inches, $\frac{3}{4}$ in the ground, notched E. and W., and on the W. build mound of stones 2 ft high, as per instructions for cor. to sec. 5, 6, 31 and 32.
No trees near.

Land broken E. and W. ends.
Some good soil in middle.
Some grass. No timber.

Between Tps. 9 & 10 S. Range 1876.
Gila & Salt River Meridian

No. West on true line between 6 & 31.
var. 14744' 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 of height, with pits 1 ft. deep, 2 ft.
long, 1 ft. wide, as per instructions for
these cor. No trees near.

And, allowing a calculated convergence
of 47 lbs., at

79.53 Set a post, marked & 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 1/2 ft. long,
1 1/2 ft. wide, as per instructions for cor.
to Tps. 9 & 10 S. Rps. 18 & 19 W.
No trees near.

Most of this line is over broken ^{rocky} ground
to the N. of small mountains bearing S.
Scattering trees. February 16, 1878.

Contract Sept 20. 1877.

BOOK 1636

W. Bdry. Tr. 9 S. R. 18 W. Pages, 120-125.

N. " " " " " 127-133

W. Bdry. Tr. 8 S. R. 18 W. Pages, 135-140.

N. " " " " " 142-144

N. Bdry. Tr. 7 S. R. 18 W. Pages, 146-151

W. " " " " " 153-154.

Between Tps. 9 S. Rps. 18 & 19 W.

Gila & Salt River Meridian

February 16. 1878.

From the cor. to Tps. 9 & 10 S. Rps. 18 & 19 W. Town

North between secs. 31 & 36.

Var 14° 48' East

As per Burt's Solar Compass.

40.00 Set a flat, marked 1/4 S. 4 ft long,
flattened 3 in. wide, 1 ft in the ground,
drive chummed 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 Drive chummed stake and build mound
of earth 2 ft high, with pits 1 ft deep, 2 ft long,
1 ft wide, and in center of pit S. E. of cor.
drive a stake marked and notched, 2
ft long, 2 in. sqd. 1 ft in the ground, as
per instructions for cor. to secs. 25,
30, 31 and 36. No stones or trees near.

Sand brown in center; level N. & S.
Some good soil. No timber. Grass.

Between Tps. 9 S. Rps. 18 & 19 W.

Gila & Salt River Meridian

Trs. North between Secs. 25 & 30.

var. $14^{\circ}48'$ East

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

No trees or stones near.

80.00 Drive charred stake and build mound of earth 2 ft high, with pits 1 ft deep, 2 ft long, 1 ft wide, and in center of pit S. E. of cor.

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

19, 24, 25 and 30.

No stones or trees near.

Sand level. Soil good.

No timber. Grass.

Between Twp. 9 S. Rps. 18 & 19 N.
Gila & Salt River Meridian

No. North between secs. 19 & 20
cor. 14° 48' East

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

80.00 Drove charred stake and build
mound of earth 2 ft high, with
pits 1 ft deep, 2 ft long, 1 ft wide,
and in center of pit S. E. a few
dove a stake marked and
notched, 2 ft long, 2 in sq'd, 1 ft
in the ground, as per instructions
for cor. to secs. 13, 18, 19 and
20. No stones or trees near.

Land level. Soil good.
No timber. Grass.

Between Tps. 9 S., Rps. 18 & 19 W.
Gila & Salt River Meridian

Tps. North between secs. 13 & 18.

var. 14°48' East.

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

80.00 Drive chared stake and build
mound of earth 2 ft high, with
pits 1 ft deep, 2 ft long, 1 ft wide, and
in center of pit S. E. of cor. drive
a stake marked and notched,
2 ft long, 2 in. sq. 1 ft in the
ground, as per instructions for
co. to secs. 7, 12, 13 and 18.
No stones or trees near.

Sand level. Soil good.
No timber, Grass.

Between Tps. 9 S. Rgs. 18 & 19 W.
Gila & Salt River Meridian

No. North between secs. 7 & 12.
var. $140^{\circ}48'$ 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.

25.00 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 good.
Scattering trees.

Between Tps. 9 S. Rgs. 18 & 19 N.
 2^d & 3^d Salt River Meridian

Sec. North, between secs. 1 & 6.
 Var. $14^{\circ}48'$ East.

20.00 Cross Sandbank.

36.20 Yuma road cross S. of N.

40.00 Set a post, marked 14 S. 4 ft long, flattened 3 in wide,
 1 ft in the ground, drive charred stake & build mound
 of earth 2 ft high, with pits 1 ft deep, 2 ft long, 1 ft wide,
 as per instructions for 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 mound of earth 2 1/2 ft high, with
 pits 1 ft deep, 2 1/2 ft long, 1 1/2 ft wide, as per in-
 structions, for cor. to Tps. 8 & 9 S. Rgs. 18 & 19
 N., from which

Amesquite, 11 in. dia. base, N. 79° E. 130 lbs. dist.
 do. 10 " " " N. $18\frac{1}{2}^{\circ}$ W. 71 " "

No other trees near.

Sand slightly descending N.

Soil good. Scattering trees.

February 16, 1878.

Between Tps. 8 & 9 S. Range 18 W.
Gila & Salt River Meridian

February 18, 1878.

From the cor. to Tps. 8 & 9 S. Rgs.
18 and 19 W. I run
East on random line along the
N. boundaries of secs. 6, 5, 4, 3, 2,
and 1.

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

Used Burt's Solar Compass.

Set temporary corners at every
40 and 80 chs., and at 5 miles
and 79.00 chs. I intersect the
N. and S. line 26 lvs. N. of cor. to
Tps. 8 and 9 S. ranges 17 and
18 W., said corner having been
lately established by myself.

The correction should
therefore be $4\frac{1}{2}$ lvs. S. per mile,
and 100 lvs. to the W.

From the cor. to Tps. 8 & 9
S. Ranges 17 and 18 W.
I run

Between Tps. 8 & 9 S. Range 18 W.

Gila & Salt River Meridian

Continued.

Sec. N. 89° 58' W.

On true line between secs. 1 & 36.
var. 14° 44' East

40.00 Drive charred stake and build a mound of earth 2 ft high, with pit 1 ft deep, 2 ft long, 1 ft wide, as per instructions for 1/4 sec. cor. No stone or trees near.

80.00 Drive charred stake and build mound of earth 2 ft high, with pit 1 ft deep, 2 ft long, 1 ft wide, and in center of pit S. E. of cor. Drive a stake, marked and notched, 2 ft long, 2 in. sq'd. 1 ft in the ground, as per instructions for cor. to secs. 1, 2, 35 and 36.

No stones or trees near.

Land level. Some good soil.

No timber.

Between Tps. 8 & 9 S. Range 18 W.
Gila & Salt River Meridian

Tr. N. 89° 58' W.

On true line between secs. 2 & 35.

var. 14° 44' 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. No trees near.

80.00 Drive charred stake and build mound of earth 2 ft high, with pits 1 ft deep, 2 ft long, 1 ft wide, and in center of pits S. E. of cor. drive a stake, marked and notched, 2 ft long, 2 in. sq'd. 1 ft in the ground, as per instructions for cont. secs. 2, 3, 34 & 35. No stones or trees near. Land level. Soil sandy and poor. No timber.

Between Tps. 8 & 9 S. Range 18 W.
Gila & Salt River Meridian

No. N. 89° 58' W.

On true line between secs. 3 & 34.
var. 14° 44' East.

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

No trees near.

80.00 Set a post, marked E notched, 4 ft
long, 3 in. sq. d. 1 ft in the ground, drive
chamed 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. 3, 4, 33 and 34.

No trees near.

Land level. Soil poor and sandy.
No timber. Some brush.

Between Tps. 8 & 9 S. Range 18 W.
Gila & Salt River Meridian

Co. N. 89° 58' W.

Reference line between Secs. 4 & 33

var. 144° 44' East.

- 40.00 Set a post, marked 44 S. 4 ft long, flattened 3 in wide, 1 ft in the ground, drive chared stake and build mound of earth 2 ft high, with pits 1 ft deep, 2 ft long, 1 ft wide, as per instructions for 14 sec. cor. No trees near.
- 80.00 Set a post, marked & notched, 4 ft long, 3 in. sq. d. 1 ft in the ground, drive chared stake and build mound of earth 2 ft high, with pits 1 ft deep, 2 ft long, 1 ft wide, as per instructions, for cor. to Secs. 4, 5, 32 and 33.

No trees near.

Land level. Soil sandy poor. No timber.

BOOK 1636

Between Tps. 8 & 9 S. Range 18 W.

Gila & Salt River Meridian

No. N. 89° 58' W.

On true line between sec. 5 & 32.

var. 14° 44' East.

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

51.00 Cross sand bank to lower ground.

80.00 Set a post, marked and notched, 4 ft long, 3 in. sq. d. 1 ft in the ground, drive chared stake and build mound of earth 2 ft high with pits 1 ft deep, 2 ft long, 1 ft wide, as per instructions for cor. to sec. 5, 6, 31 and 32.

No trees near.

Sand slightly descending

W. Soil mostly poor.

Scattering trees on W. end.

Between Tps. 8th & 9th S. Range 18 W.
Gila & Salt River Meridian

As. N. 89° 58' W.

On true line between sec. 6 & 31
var. 144° 44' East.

31.00 Yuma road bds. S. W.

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

79.00 Cor. to Tps. 8 and 9 S. Ranges
18 and 19 W.

Land level. Soil good.
Scattering trees.

February 18, 1878.

Between Tps. 8 S. Ranges 18 & 19 N.

Gila & Salt River Meridian

February 21, 1878.

From the cor. to Tps. 8 & 9 S. Rps. 18 & 19 N. Secs.
North between secs. 31 & 36.

var. $140^{\circ}45'$ East,

As per Burt's Solar Compass.

- 7.70 Road cor. E. & N.
- 34.80 Road cor. E. & N.
- 40.00 Set a post, marked $4 \frac{1}{2}$ ft long, flattened
3 in. wide, 1 ft in the ground, driven charr'd stakes
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 & notched, 4 ft long, 3
in. eq'd. 1 ft in the ground, driven charr'd stakes
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. 25, 30, 31 & 36. from which
A cottonwood, 9 in dia. h. S. 45° E. 172 h. dist
No other trees near.
Land level. Soil good. Scattering trees

Between Tps. 8 S. Rgs. 18 & 19 W.
Gila & Salt River Meridian

No. North, between secs. 25 & 30.
var. $14^{\circ}45'$ East.

40.00 Set a post, marked W.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 pit 1 ft deep, 2 ft long, 1 ft wide
in front of it for 14 sec. cor. No trees near.

72.80 Intersect left bank Gila river flows S.W. Set a post,
marked, 4 ft long, 3 in. sq. 1 ft in the ground,
drive charred stake and build mound of earth
2 ft high, taken from 1 pit on the S. for cor. to
fractional secs. 25 and 30.

I now set flag on right bank of river, on line, and
measure off a base S. $47^{\circ}26'$ E, 7.00 chs.
to a point whence the flag on line
bro. N. $16^{\circ}35'$ E.

From this triangulation I find that
the distance from fractional post to
flag is 12.57 chs, or 85.37 chs. on whole course.
The cor. to secs. 19. 24. 25 and 30,
falls in the river and cannot
be set.

Land sandy, poor. Scattering trees.

Between Tps. 8 S. Rps. 18 & 19 N.
Gila Salt River Meridian

No. North between secs. 19 & 24
var. $14^{\circ}45'$ East

5.87 Being the distance from true point of cor.
to sections 19, 24, 25 & 30, to flag, set a
post, marked, 4 ft. long, 3 in. squared,
1 ft. in the ground, drive charred
stake and build mound of earth
2 ft. high, with pit on line N.,
—————, as per instructions
for cor. to fac. sec. 19 & 24. No trees near

13.80 Road brs. E. and W.

40.00 (Or 34.63 chs. from the above fractional
post.) Set a post, unmarked 4 ft. 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 74 sec. cor.

from which

Apalo verde, 6 in. dia. br. S. $59\frac{1}{2}^{\circ}$ E. 103 brs. dist.

Amesquite, 30. " " S. $61\frac{1}{4}^{\circ}$ W. 50 " "

Between Tps. 8 S. Rps. 18 E 19 W.
Gila & Salt River Meridian

No. Continued

80.00 Set a granite stone 15x11x8 in-
ches, $\frac{2}{3}$ in the ground, notched
S. and N., and on the N.

build mound of rocks 2 ft
high, as per instructions for
cor. to Secs. 13. 18. 19 and 24.

No trees near.

Land slightly ascending N.
Some good soil.
Scattering trees.

Between Tps. 8 S. Rps. 18 & 19 W.
Gila & Salt River Meridian

To North, between sec. 13 & 18.
Var. $14^{\circ}45'$ East.

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 in-
structions for 14 sec. cor.

No trees near.

80.00 Cor. falls in wash flows SE. 50 hrs.
wide. At a point 50 hrs. S. I set
a granite stone $14 \times 10 \times 7$ in-
ches, $\frac{2}{3}$ in the ground, notched
S. & N. and on the N. build
mound of stones 2 ft. high,
as per instructions for cor. to sec.
7. 12. 13 and 18.

No trees near.

Land rolling. Soil mostly
poor. A few trees.

Between Tps. 8 S. Rps. 18 & 19 N.
Gila & Salt River Meridian

Chs. North between secs. 7 & 12.
var. $140^{\circ}45'$ East.

40.00 Set a granite stone $12 \times 10 \times 6$
inches, $\frac{2}{3}$ in the ground, mark-
ed 74, and on N. 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 granite stone $13 \times 11 \times 9$
inches, $\frac{2}{3}$ in the ground, notch-
ed S. and N. and on the N.
build mound of rocks 2 ft high,
as per instructions for cor to secs
1, 6, 7 and 12. No trees near.
Land, precipitous hills. Soil
poor. A few trees.

Further N. this line crosses a small cluster
of very rough and impracticable mountains.
The land is worthless for agriculture
and not known to contain mineral.
I therefore run no further N. Feby 21, 1878.

Between Tps. 7 & 8 S. Range 18 W.

Gila & Salt River Meridian

February 22, 1878.

No. The W. half of this line is impracticable on account of mountains.

I commence at the corner (lately established by myself) of Tps. 7 and 8 S. Ranges 17 and 18 W., and run thence:

West on true line bet. sec. 1 & 36.

var. 14° 46' East.

As per Buitt's Solar Compass

40.00 Set a post, marked 4 S. 4 ft long, flattened 3 in. wide, 4 ft in the ground, down chanced stake and build mound of earth 2 ft high, with pit 1 ft deep, 2 ft long, 1 ft wide, as per instructions for 74 (see cor. notes near).

80.00 Set a granite stone 15 x 12 x 9 inches, 2 1/2 in the ground, notched E. + W., and on the W. build mound of stones 2 ft high as per instructions for cor. sec. 1, 2, 35 and 36. from which

A Mesquite, 12, in dia. br. S 41° W. 100 lbs. dist.

do 15 " " " S 61° E. 29 " "

No other trees near.

Land in little valley bet. S. Soil good.

Scattering trees.

Between Tps. 2 & 8 S. Range 18 W.
Gila & Salt River Meridian

- Pos. W. Monticline between 2^d & 3^d S.
var. 14° 46' East
- 40.00 Set a granite stone 10 x 8 x 8 in-
ches, $\frac{2}{3}$ in the ground, marked
14, and on W. build mound
of rocks 2 ft high, as per in-
struction for 4 sec. cor. from which
Apalo Verde, 4 in dia. br. S 52° E. 98 lvs. dist.
do 7 " " " N. 61° W. 162 " "
- 80.00 Set a limestone rock, 10 x 10 x 6
inches, $\frac{2}{3}$ in the ground, marked
E. and W., and on the W. build
mound of stones 2 ft high, as per
instruction for cor. to secs. 2, 3,
34 and 35. No trees near.
- Land fully on W. end.
Soil good on E. A few trees.

Between Tps. 7 & 8 S. Range 18 W.

Gila & Salt River Meridian

No. West true line bet secs. 3 & 34.
var. $14^{\circ}46'$ East

40.00 Set an igneous rock, $12 \times 10 \times 9$
inches, $\frac{2}{3}$ in the ground,
marked 14, and on W. build
mound of rocks 2 ft high,
as per instructions for 14 sec.
cor. No trees near.

80.00 Set a granite stone $20 \times 16 \times 12$
inches, $\frac{3}{4}$ in the ground, notched
E and W, and on the W. build
mound of stones 2 ft high, as per in-
structions for cor. to secs. 3, 4, 33
and 34. No trees near.

Land rough and precipitous
Soil poor. No timber.

Further W. this line is imprac-
ticable on account of mountains, and
the soil is worthless and not known
to contain mineral. So I run no
further W. February 20, 1878.

Between Tps. 6^e & 7^s Range 18^W.

Gila & Salt River Meridian

February 26, 1878

The greater part of the N. boundary of Tps. 7^s Range 18^W lies on impracticable mountains and cannot be run. I therefore begin at the cor. to Tps. 6^e & 7^s Rqs. 17 and 18^W, and run thence West on true line bet secs. 1 & 36.

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

As per Burts Solar Compass

40.00 Set a post, marked 145.4 ft long, flattened 3 in. wide, 1 ft in the ground, two chert stakes 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 granite stone 18 x 12 x 10 inches, $\frac{3}{4}$ in the ground, notched E. and W., and on the N. build mound of stones 2 ft high, as per instructions for cor. to secs. 1, 2, 35 & 36. from which a pole made, 10 in. dia. bro. N. 2° E. 26' low. dist. No other trees near. Land level. Soil poor. then good. Scattering trees.

Between Tps. 6 & 7 S. Range 18 W.
Gila & Salt River Meridian

Pos. West on true line bet secs. 2 & 35.
var. 14350 East

40.00 Set a post, marked 14 S. 4 ft long, flattened 3 in. wide, 1 ft in the ground, drive chanced 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 an igneous rock 15 x 11 x 8 inches, 7/3 in the ground, notched E. & W., and on the W. build a mound of stones 2 ft high, as per instructions, for cor. to secs. 2, 3, 34 and 35.

No trees near.

Land level and rolling.
Soil good. A few trees.

Peterson Tr. C & S Range 1871.

Gila & Salt River Meridian

No. West on true line bet sec. 3 & 34.
var. 14050 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 an igneous rock 13 x 10 x
9 inches, $\frac{2}{3}$ in the ground,
notched E. and W., and on the
W. build mound of rock 2 ft 6
high, as per instructions for
cor. to sec. 3, 4, 33 and 34.
from which

A pale verde, 10 in. dia. tree, N. 66° W. 139 buds etc.

No other trees near.

Land level. Soil good.

Scattering trees.

Between Tps. 6 & 7 S. Range 18 W.
Gila & Salt River Meridian

St. West. meridian between 4 & 33
var. 14° 50' East

40.00 Set an igneous rock, 14 x 12 x
7 inches, $\frac{2}{3}$ in the ground,
marked 14, and on the W.
build mound of rock, 2 ft.
high, as per instructions for
1/4 sec. cor.

No trees near.

80.00 Set an igneous rock 15 x 11 x
8 inches, $\frac{2}{3}$ in the ground,
notched E. and W., and
on the W. build mounds of
rocks 2 ft high as per instruc-
tions for cor. to secs. 4, 5, 32
and 33.

No trees near.

Land level. Soil good.

No timber.

Between Tps. 6 & 7 S. R. 18th.
 Gila & Salt River Meridian

No. West on true line bet sec. 5 & 32.
 var. 14° 50' East

40.00 Set an igneous rock, 13 x 10 x 7
 inches, $\frac{2}{3}$ in the ground,
 marked 44, and on the W.
 build mound of rocks 2 ft
 high, as per instructions for
 4 sec. cor. No trees near.

80.00 Set an igneous rock 15 x 13
 x 9 inches, $\frac{2}{3}$ in the ground,
 notched E. and W., and
 on the W. build mound of
 rocks 2 ft high, as per
 instructions for cor. to sec.
 5, 6, 31 and 32.
 No trees near.

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

Between Tps. 6th & 7th S. Range 18th W.
Gila & Salt River Meridian

78.10 West on true line bet sec. 6 & 31.
var. 14°50' East.

40.00 Set an igneous rock, 13 x 9 x
9, marked 74, set 73 in the
ground, and on the W. build
mound of earth 2 ft high, with
pits 1 ft deep, 2 ft long, 1 ft wide,
as per instructions for 74 sec. cor.
No trees near.

And allowing 187 lvs. for calculated con-
vergence - at

78.13 Set a post, marked & watched, 4 1/2 ft
long, 4 in. sq. d. 1 ft in the ground, and
build mound of stones 2 1/2 ft high, as
per instructions for cor. to Tps. 6th & 7th
S. Rgs. 18th & 19th W. No trees near.

Land level Soil good. A few trees.
February 26, 1878.

Between Tps. 7 S. R. 18 & 19 W.

Gila & Salt River Meridian

February 26. 1878.

hs. From the Cor. to Tps. 6 & 7 S. R. 18 & 19 W. Down
South, on true line bet sec. 1 & 6.

var. 142° 51' East

As per Burt's 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 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. Notes near

80.00 Set a post, marked 3 notched, 4 ft long,
3 in. sq. d. 1 ft in the ground, drive charred
stake & build mounds of earth 2 ft high,
with pits 1 ft deep, 2 ft long, 1 ft wide,
as per instructions for cor. to sec. 8.

1. 6. 7 and 12.

No trees near

Land level. Soil good.
Scattering trees.

Between Tps. 7 S. Rps. 18 & 19 W.
 Tila & Salt River Meridian

Sec. South. between secs. 7 & 12.
 var. 14th East

40.00 Set an igneous rock, 13 x 12 x 8
 inches, $\frac{2}{3}$ in the ground, marked
 $\frac{1}{4}$, and on S. build mound of
 earth 2 ft high, with pit 1 ft deep
 2 ft long, 1 ft wide, as per instruc-
 tions for $\frac{1}{4}$ sec. cor. No trees near.

30.00 Set an igneous rock 15 x 12 x 7
 inches, $\frac{2}{3}$ in the ground, notched
 N. and S., and on the S. build
 mound of rocks 2 ft high, as per
 instructions for cor. to Secs. 7, 12,
 13 and 18. No trees near.

Land broken and precipitous on
 last end, scattering trees.

Further S. the line passes over unprac-
 ticable mountains with worthless soil
 and not known to contain mineral. So I
 do not extend it any farther. February 26, 1878.

General Description.

The foregoing Exterior lines of Tps. 7 & 8.
and 9 S. Ranges 16, 17 and 18 W.
enclose agricultural land along
the Gila river, and which can
be irrigated therefrom, together
with bordering tracts of land pro-
ducing large quantities of grass
and affording excellent grazing,
and the lines were surveyed
under and in accordance with
my contract dated September
20. 1874.

John L. Harris.
U.S. Dep. Surveyor.

List of Names.

A List of the Names of Individuals employed
to assist in running, measuring, or marking the
lines and corners described in the foregoing Field
Notes of the survey of *The Exterior lines of*
Townships 7, 8 and 9 South,
Ranges 16, 17 and 18 N.
of the Gila and Salt River
Meridian, Arizona.

Showing the respective capacities in which they
acted.

Lyman Wakefield Chainman.

Chas B Warren Chainman,

Fred C Jones Axeman.

J. P. Cheworth Flagman.

Final Oath of Assistants.

BOOK 1636

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

of Townships 7, 8 and 9 S,

Ranges 16, 17 and 18 W,

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.

- Lyman Weeber Chainman.
- Charles B. Mann Chainman,
- Fred Johnson Axeman.
- J. P. Phenoweth Flagman.

Sworn to and subscribed before me, this 9th
 day of March, 1878.

William J. Astor

Notary Public

Final Oath of Deputy Surveyor.

BOOK 1636

I, *John L. Harris*

U. S. Deputy Surveyor, do solemnly swear that in pursuance of a contract with John Wasson, United States Surveyor-General for Arizona, bearing date the *20th* day of *September*

1877. I have well, faithfully and truly, in my own proper person, and in strict conformity with the instructions furnished by the Surveyor-General, the Surveying Manual, and the laws of the United States, surveyed all those portions of

The Exterior boundaries of Townships 7, 8 and 9 S. Ranges 16, 17 and 18 West of the Gila and Salt River Meridian Arizona

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

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

John S. Harris

Deputy Surveyor.

Sworn to and subscribed before me, this *9th*
day of *March*, 1878.

William J. Gibson
Notary Public

U. S. Surveyor General's Office,

TUCSON, ARIZONA,

April 1, 1878.

The foregoing Field Notes of the Survey of the

Eastern Boundaries of
Township 7, 8 and 9 South,
Ranges 16, 17 and West.

Of the Gila and Salt River Base and Meridian, Arizona, execu-

ted by John L. Harris,

Deputy Surveyor, under his contract of the

20th

day of September, 1877, 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.