

BOOK 1455

1455

1455

F I E L D N O T E S

OF THE SURVEY OF

The S. boundary of Tp. 13 S.,
Range 16 E., the S. boundaries of
Tps. 15 S., Ranges 15, 16 17 and
18 E., being 3rd Standard Parallel
S., The W. boundary of Tp. 16 S.,
Range 17 E., the S. boundary of
Tps. 16 S., Ranges 17, 18 and 19
E., and the W. boundary of Tp.
16 S., R. 20 E.,

Gila and Salt River Base and
Meridian

ARIZONA.

By Theo. F. White, D. S.
Under contract dated May 13, 1873.
Survey commenced Oct. 22, 1873.
Survey completed November 3, 1873.

Index

3rd Standard Parallel South
(along)

South Bdy-	T 138'	R 16 E	1-7	by per-
"	"	" 15-8'	" 15-18-15	ed
"	"	" 15-8'	" 16-16-24	
"	"	" 15-8'	" 17-26-33	
"	"	" 15-8'	" 18-34-38	the best

and

Bet-	T	163'	R 16+17 E	39
"	-	" 16+17"	"	17 46
"	-	" 16+17"	"	18 52
"	-	" 16+17"	"	19 59
"	-	" 16"	"	19+20 66
"	-	" 16"	"	15+16 73
"	-	" 16"	"	17+18 80
"	-	" 16"	"	18+19 86

9
Don
Public



PRELIMINARY OATHS OF ASSISTANTS.WE. J. M. C. Elliottand J. B. Stephenson

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.

J. M. C. Elliott
J. B. Stephenson

Sworn to and subscribed before me, this 9
day of October, 1873

William J. Osborn
Notary Public

W.E.

F. C. Jones and
R. A. Vasquez

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

F. C. Jones
R. A. Vasquez

Sworn to and subscribed before me this 9
day of October 1873

William J. Osborn
Notary Public



S. Boundary of Tps. 13 S. Range 16 E.

File and Salt River Meridian

So Beginning at the cor. to Tps. 13 and
 1st S. ranges 15 and 16 E, which
 I find as established a post in
 mound with pits and from which
 A. Perote tree 4 in. dia. h. 54 lbs. dist
 do 4 " " S. 45° E. 49 " "
 A mesquite 8 " " N. 65° E. 106 " "
 Iron thence,
 East.

on true line between sections 6 & 31.
 cor. 12° 40' East.

(As per transit observations of Plains)

210.00 Set a post, marked "14 S," 4 ft.
 long, flattened 3 in. wide, 1 ft. in the
 ground, in mound of earth 2 ft. high,
 with pits 1 ft. deep, 2 ft. long, 1 ft. wide,
 and dove charred stake, all as per in-
 structions for '94 sec. cor. from which
 A mesquite 7 in. dia. h. 6.82° E. 12 lbs. dist
 do 12 " " S 85° W. 68 " "

S. Boundary of Tr. 13 S. Range 16 E
Gila and Salt River Meridians

Is Continued.

80.00 Set a post, nailed and notched, 4
ft long, 3 in. square, 1 ft in the ground,
in mound of earth 2 ft high, with
pits 1 ft deep, 2 ft long, 1 ft wide and
drone charred stake, all as per
structures for the cor. to sec. 5, 6, 31
and 32, from which,

1 mesquite 8 in. dia. brs S. 33° E. 29 brs. dist

1 Pale Verde 3 . . . N. 13° E. 129 . . .

do 4 . . . N. 40½° W. 121 . . .

No other trees near.

Land somewhat rolling.

Soil poor.

Some mesquite timber.

S. Boundary of Tr. 13 S. Range 16 E. E.
Gila and Salt River Meridian

For East corner line on Between secs 5 & 32)
cont. 13' 40' East.

20.50 Dry stream, 20 lbs. wide, runs S.

40.00 Set a post, marked $\frac{1}{4}$ S, 4 ft long, flattened
3 in. wide, 1 ft in the ground, in mound of earth 2 ft high,
with pile 1 ft deep, 2 ft long, 1 ft wide, and drove chanced
stake, all as per instructions, for $\frac{1}{4}$ sec. cor. from which
A mesquite 4 in. dia. has. S. 20 $\frac{1}{2}$ ° E. 109 lbs. dist

do 5 " " " N. 59° E. 26 " "

80.00 Set a post, marked and notched, 4 ft long, 3 in. squared,
1 ft in the ground, in mound of earth 2 ft high, with pile
1 ft deep, 2 ft long, 1 ft wide, and drove chanced stake, all
as per instructions for the cor. to secs. 4, 5, 32 & 33, from which
A mesquite 3 in. dia. has. S. 40 $\frac{1}{2}$ ° E. 29 lbs. dist

do 9 " " " S. 27° W. 69 " "

do 6 " " " N. 52° W. 166 " "

do 6 " " " N. 78 $\frac{1}{2}$ ° E. 110 " "

Sand rolling. Soil 3 $\frac{1}{2}$ rate. Some grass.

Mesquite timber and brush.

S. Boundary of T₁ 13 S. Range 16
Gila and Salt River Meridian

Its East. course line between secs 4 and 33
var. 12° 40' East

- 1.00 Ascend. to top of mesa
30.50 Cross dry stream, 12 lbs. wide, runs S.
40.00 Set a post, marked 1/4 S, 4 ft long, flattened
3 in. wide, 1 ft in the ground, in mound of earth 2 ft
high, with pits 1 ft deep, 2 ft long, 1 ft wide, and drove chanced
stake, all as per instructions for 4 sec. cor. from which
A Pole reads 6 in. dia. br. S. 12° W. 24 lbs. dist.
do 4 " " N. 30° E. 39 " "
66.50 Dry stream, 10 lbs. wide, runs S.
74.50 Cross little grassy valley. Dry stream, 8 lbs. wide, runs S.
80.00 Set a post, marked and watched, 4 ft long, 3 in. square, 1 ft in the
ground, in mound of earth 2 ft high, with pits 1 ft deep, 2 ft long, 1 ft
wide, and drove chanced stake, all as per instructions, to the cor. to sec. 4.
3. 4. 33 and 34 from which
A mesquite 4 in. dia. br. N. 89° E. 14 lbs. dist.
A mesquite 4 " " " N. 1 1/2° E. 84 " "
A mesquite 10 " " " S. 71° W. 34 " "
A mesquite 9 " " " S. 3 1/2° W. 50 " "
Land rolling. Soil 2° rate. Grass 2/3 scattering trees.

S. Boundary of $\frac{1}{4}$ Sec 13 S. Range 16 E.
 Sula and Salt River Meade Co.

No East on true line, between sec. 3⁴ 34.
 var. $12^{\circ}40'$ East

- 36.50 Set stone, 30 lbs. wide, runs S.
 40.00 Set a post, on side of hill, marked $\frac{1}{4}$ S, 4 ft long,
 flattened 3 in. wide, 1 ft in the ground, in mound of stones 2 ft
 high, and drove charred stakes, all as per instructions for sec. cor. from which
 Amargosa 4 in. dia. has. S. 9° W. 29 lbs. dist
 do 6 " " " S. $35\frac{1}{2}^{\circ}$ W. 85 " "
 52.00 Pass over point of rocks.
 58.00 Leave rocks.
 71.00 Pass over another point of rocks.
 80.00 Set a post, marked and notched 4 ft long 3 in. square, 1 ft in the
 ground, in mound of earth 2 ft high, with pits 4 ft deep, 2 ft
 long, 1 ft wide, and drove charred stakes, all as per instructions,
 for the cor. to sec. 2. 3. 34³ 35. from which
 Amargosa 4 in. dia. has. N. 78° W. 44 lbs. dist
 do 8 " " " N. $12\frac{1}{2}^{\circ}$ W. 46 " "
 do 8 " " " S. 82° E. 6 " "
 do 4 " " " S. 73° W. 21 " "

Land, first half mile, rolling; soil poor. Last half m. Leover
 sharp rocky peaks; soil worthless. Mesquite timber.

S. Boundary of Tp. 13 S Range 16
Gila and Salt River Meridian

No East on true line between secs. 2 & 35.
var. $12^{\circ} 40'$ East

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

A mesquite 3 in dia. (circ.) S. $2\frac{1}{2}^{\circ}$ W. 6 hrs. dist

do 3 " " " S. $70\frac{1}{2}^{\circ}$ E. 38 " "

80.00 Set a post, marked and notched, 4 ft long, 3 in.
square, 1 ft in the ground, in mound of earth 2 ft
ft high, with pile 1 ft deep, 2 ft long, 1 ft wide and drive
charred stake, all as per instructions for the cor. to secs.
1, 2, 35 and 36. from which

A mesquite 7 in dia. (circ.) S. $52\frac{1}{2}^{\circ}$ W. 75 hrs. dist

A Palo Verde 3 " " " S. $13\frac{1}{2}^{\circ}$ W. 72 " "

A mesquite 4 " " " N. $14\frac{1}{2}^{\circ}$ E. 42 " "

A Palo Verde 3 " " " N. $77\frac{1}{2}^{\circ}$ W. 76 " "

Land rough and broken. Soil poor. Scattering trees.

S. Boundary of T^h. 13 S. Range 16 E.
 Ind. and Salt River Meridian

No East ^Eontine line between secs. 1 & 36.
 var. $12^{\circ}40'$ East

I attempt to run further E. but at the
 distance of 24 chs. encounter big cañon
 with vertical sides, and further E the line
 is impracticable on account of precipitous
 bluffs and cañons.

October 22. 1843

Third Standard S.
S. Boundary of Tr. 15 S. R. 15 E.
Gila and Salt River Meridian

S. Boundary of Twp. 15 S. range 15 E.
Gila and Salt River Meridian

As From the corner to Twp. 15 S. ranges
14 and 15 E., which cor. is a post on
mound with no trees near and which
I found as established, I run
East. true line on S. boundary Sec 31.
on 12° 55' East.

(As per transit observations of Polaris)

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

A. mesquite 3 in. dia. Cr. S. 54° W. 120 lbs. dist

do 4. " " S. 53 1/4° E. 189 lbs. dist

85.00 Set a post, marked and notched, 4 ft long,
3 in. squared, 1 ft in the ground, in mound of
earth 2 ft high, with pits 1 ft deep 2 1/2 ft long,
1 1/2 ft wide, and drove charred stake, all as
per instructions for the cor. to secs 31 & 32.

4
 S. Pandary Tpk. 15 S. range 15 E.
 Gila and Salt River Meridian.

As follows

- Amesquite 3 in. dia. b. S. 69 1/2° W. 144
- do 3 " " " S. 56 1/2° W. 159 "
- do 4 " " " S. 18° W. 87 "
- do 3 " " " N. 10 1/2° E. 305 "

Land nearly level.

Soil 2nd rate

Mesquite Brush.

S. Boundary of Tr. 15 Range 15 E.

Gila and Salt River Meridian

No East. on line in S. Boundary Sec. 32
 or as $17^{\circ}58'$ East.

40.00 Set a post, marked $1/4$ S, 11 ft
 long, flattened 3 in. wide, 1 ft in the ground;
 in mound of earth 2 ft high, with pits 1 ft
 deep 2 ft long, 1 ft wide and drove charred
 stake, all as per instructions for $1/4$ sec. cor.
 from which

A Pale Verde 3 in. dia. br. N. $52^{\circ}1/2'$ E. 127 lbs. dist.

A Mesquite 5 " " " S. 11° E. 205 " "

69.00 Old road br. S. of W.

80.00 Set a post, marked and notched, 4 ft long,
 3 in. square, 1 ft in the ground, in mound of
 earth 2 ft high, with pits 1 ft deep, $2\frac{1}{2}$ ft long,
 $1\frac{1}{2}$ ft wide, and drove charred stake, all
 as per instructions for the cor. to sec. 32 & 33. from which

A mesquite 4 in. dia. br. S. $21^{\circ}1/2'$ E. 70 lbs. dist.

do 3 " " " S. $23^{\circ}1/2'$ W. 112 " "

do 4 " " " N. 35° W. 163 " "

do 6 " " " N. $9^{\circ}1/4'$ E. 200 " "

Land rolling. Soil 2nd rate. Some grass
 and mesquite brush.

S. Boundary Tp. 15 S. Range 15 E.
 Gila and Salt River Meritine

No. East on true line on S. boundary Sec. 33
 cor. $12^{\circ}58'$ East

40.00 Stake marked 14 S, 4 ft long,
 flattened 3 in wide, 1 ft in the ground, in mound
 of earth 2 ft high, with pit 1 ft deep, 2 ft long,
 1 ft wide, and drove charred stake, all as per
 instructions for 4 sec. cor. from which
 A Pale Verde 4 in dia. has N. $45^{\circ}2'$ E. 64 lbs. dist.
 do " " S. 1° E. 80 lbs. dist.

80.00 Stake marked and notched, 4 ft long, 3 in
 square, 1 ft in the ground, in mound of earth 2
 ft high, with pit 1 ft deep, $2\frac{1}{2}$ ft long, 1 ft wide
 and drove charred stake, all as per instructions
 for the cor. trees 33 $\frac{1}{2}$, 34. from which
 A Pale verde 4 in dia. has N. $84\frac{1}{2}$ W. 200 lbs. dist.
 A mesquite 4 " " N. $50\frac{1}{2}$ W. 171 " "
 do 3 " " S. 51° E. 76 " "

No other trees near.

Land rolling. Soil 2 $\frac{1}{2}$ rate. Some grass, brush
 and a few mesquite trees.

S Boundary Sp. 15 S. range 15 E.

Gila and Salt River Meridian

to East corner line in S. boundary Sec. 34
on $17^{\circ}58'$ East.

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

from which

Amesquite 4 in dia. br. S. $64^{\circ}4'$ E. 298 br. dist.
No other tree near.

49.00 Crittenden Road br. N. W. and S. E.
Riley's well about 4 chs. N. W. along the
road.

50.00 Old road br. N. W. and S. E.

60.75 San Pedro road br. N. W. and S. E.

62.00 Set a post, marked and notched, 4 ft long,
3 in. squared, 1 ft in the ground, in mound
of earth 2 ft high, with pits 1 ft deep, $2\frac{1}{2}$
ft long, $1\frac{1}{2}$ ft wide, and drove charred
stake, all as per instructions for the cor.

S. Boundary of Tr. 15 S. range 15 E.
Gila and Salt River. Meridian

As to secs 34 and 35. from which
 A mesquite 3 in diameter N. $83\frac{1}{2}^{\circ}$ E. 40 li. dist
 A Pale tree 3 " " " N. $23\frac{1}{4}^{\circ}$ W. 26 " "
 A Pale tree 7 " " " S. $52\frac{1}{2}^{\circ}$ W. 36 " "
 A Mesquite 6 " " " S. $46\frac{1}{2}^{\circ}$ W. 210 " "

Land slightly rolling.

Soil second rate.

Some grass, brush and a few mesquite trees.

S. Boundary of Tr. 15 Range 15 E.
Gila and Salt River Meridian

As East on true line on S. boundary Sec. 35
or as $17^{\circ}58'$ East.

- 40.00 Set apart, marked $1\frac{1}{2}$ S, 11 ft. long,
flattened 3 in. wide, 1 ft. in the ground, in
mound of earth 2 ft. high, with pits 1 ft. deep,
2 ft. long, 1 ft. wide, and drove charred
stake, all as per instructions for 1st sec. cor. from which
A mesquite 3 in. dia. has N. $41\frac{1}{2}^{\circ}$ E. 195 lbs. dist.
do 2 " " " N. 84° E. 110 lbs. "
- 80.00 Set apart, marked and notched, 4 ft. long,
3 in. square, 1 ft. in the ground, in mound
of earth 2 ft. high, with pits 1 ft. deep, $2\frac{1}{2}$ ft.
long, $1\frac{1}{2}$ ft. wide, and drove charred stake, all
as per instructions for the cor. to sec. 35 & 36. from which
A mesquite 3 in. dia. has N. 11° E. 219 lbs. dist.
A Pale Verde 2 " " " S. $14\frac{1}{2}^{\circ}$ E. 50 " "
do 3 " " " S. 32° E. 86 " "
do $2\frac{1}{2}$ " " " S. 59° E. 94 " "
- Land gently rolling, Soil 2nd rate. Some grass.
A few mesquite trees.

S. Boundary of Tps. 15 S. range 15 E.
Sida and Salt River Meridian.

To East corner line on S. boundary Sec. 36.
on $12^{\circ}58'$ East

40.00 Set a post, marked $\frac{1}{4}$ S., $4\frac{1}{2}$ ft long, flattened
3 in. wide, 1 ft in the ground, in mound of earth
 $2\frac{1}{2}$ ft high, with pits 1 ft deep, 3 ft long, 1 ft wide, and drove
charred stake, all as per instructions for 44 sec. cor. from which
A mesquite 3 in. dia. br. S. $8\frac{1}{2}^{\circ}$ E. 138 lbs. dist
do 3. " " S. 36° N. 61 " "

80.00 Set a post marked and notched, $4\frac{1}{2}$ ft long, 4 in.
square, 1 ft in the ground in mound of earth $2\frac{1}{2}$
ft high, with pits 1 ft deep, 3 ft long, $1\frac{1}{2}$ ft wide
and drove charred stake, all as per instructions
for the cor. to Tps. 15 S. range 15 E. from which
A mesquite 3 in. dia. br. S. 72° E. 398 lbs. dist
No other trees near.
Land slightly rolling. Soil 2nd rate.
Some grass and brush.
A few mesquite trees.

October 27. 1873

North Standard S.
S. Boundary of T^h. 15 S. R. 16 E.
Gila & Salt River Meridian

S. Boundary of Tps. 15 S. Range 16 E.
Gila and Salt River Meridian

A. From the cor. to Tps. 15 S. ranges 15 and
16 E. From
East

in true line in S. boundary Sec. 31.
var. $12^{\circ} 54'$ East.

By fore and back sights. +

40.00 No timber or stone to be found; so I d. a
charred stake 12 in. down, and build a
mound of earth 2 ft high, with pits 1 ft
deep, 2 ft long, 1 ft wide, all as per in-
structions for $\frac{1}{4}$ sec. cor.

50.00 No timber or stone near, so I drive charred
stake 12 in. down, and build a mound of earth
2 ft high, with pits 1 ft deep, $2\frac{1}{2}$ ft long,
 $1\frac{1}{2}$ ft wide, and in the pit E. of the cor. I
drive a stake, marked and notched, $2\frac{1}{2}$ in.
squared and 2 ft long, in the center of the pit, and
1 ft in the ground, all as per instructions for the
cor. to secs. 31 and 32. Stake also marked S.C.
Land nearly level. Soil 3rd rate. Grass, no timber.

S. Boundary of Tr. 15 S. range 16 E.
Gda and Salt River Mendocino

No East

on true line in S. boundary Sec 32

var. $12^{\circ} 57'$ East

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

A mesquite 6 in. dia. var. S. 61° W. 73 lbs. dist

do 6 . . . S. $32\frac{1}{2}$ E. 185 . . .

77.00 Second deep ravine, runs into valley in
a short distance N. E.

80.00 On steep W. slope and set a post, marked
and notched, 4 ft. long, 3 in. squared, 1 ft.
in the ground, in mound of stones 2 ft. high
and drove charred stake all as per instruc-
tions for the cor. to secs 32 and 33
from which

A mesquite 8 in. dia. var. S. 74° W. 150 lbs. dist

Boundary of Tr. 15 Range 16 E
 Tla and Salt River, Mexican

A mesquite 4 in. dia. has. S. $40^{\circ} \frac{1}{2}$ W. 114 lbs. dist.
 to other trees near.

Land somewhat rolling. Soil 2^d rate
 A few mesquite trees.

S. Boundary of P. 15 S. range 16 E.
 Elda and Salt River Meadows

To East.

at one line on S. boundary sec. 33
 on 12th 5th East

- .50 On top of mesa
 7.00 Cienega valley bas. N.W.
 11.00 Stream, 90 lbs. wide, bas. N.W. in valley.
 35.00 Beans valley.
 40.00 Set apart, marked $1\frac{1}{2}$ S., 4 ft long,
 flattened 3 in. wide, 1 ft. in the ground, in
 mound of earth 2 ft. high, with pile 1 ft. deep
 2 ft. long, 1 ft. wide and drove chased
 stakes, all as per instructions for '4 sec.
 cor. from which
 A mesquite 8 in. dia. bas. S. 2° W. 140 lbs. dist
 A Pale oak 4 " " " N. 28° E. 152 " "
 55.00 Crossbarrie bas. N.W. with dry stream
 at bottom 6 lbs. wide.
 73.00 Crossbarrie bas. N.W. with dry stream
 at bottom, 8 lbs. wide.
 80.00 Set apart, marked and notched,

S. Pomdunaf St. 15 S. range 16 E.
 S. and Salt River Meridian

4 ft long, 3 in. square, 1 ft in the ground,
 in mound of earth 2 ft high, with pits
 1 ft deep, 2 1/2 ft long, 1 1/2 ft wide and
 drove charred stakes, all as per in-
 structions for the cor. to secs 33 and
 34. from which

A Pale verde 4 in. dia. cor.	N. 44° W.	156	cor. dist
A mesquite 3 " " "	S. 74 1/2° W.	140	" "
do 3 " " "	S. 6 1/2° W.	161	" "
do 8 " " "	S. 82° E.	200	" "

Land rolling and broken.
 Soil 2nd rate. Grass, brush and
 scattering mesquite trees.

S. Boundary of Tr. 15 Range 16 E.
Gila and Salt River Meridian.

To East corner line on S. Boundary sec. 34
cor 12° 57' East.

40.00 Set apart marked '14 S., 4 ft long, flattened 3 in.
wide, 1 ft in the ground, in mound of earth 2 ft high,
with pits 1 ft deep, 2 ft long, 1 ft wide, and dove chaired
stake, all as per instructions for '14 sec. cor. from which
Alleguente 4 in dia. ber. N. 86° 11. 133 ber. dist
do 3 " " " S. 5 1/2° E. 163 " "

80.00 Set apart, marked and notched, 4 ft long, 3 in.
sq'd. 1 ft in the ground, in mound of earth 2 ft high,
with pits 1 ft deep, 2 1/2 ft long, 1 1/2 ft wide, and
dove chaired stake, all as per instructions for
the cor. to sec. 34 and 35. from which,
Alleguente 8 in dia. ber. S. 27 1/2° W. 339 ber. dist.
do 6 " " " S. 6° E. 504 " "

No other trees near.

Land rolling, rising E. Soil 2° shale. Grass
A few mesquite trees.

S. Boundary of Tr. 15 Range 16 E.
Tola and Salt River, Meridian

To East on line on S. boundary sec. 35
at 12' 5" East.

10.00 Stake marked 1/4 S, 4 ft long, flattened
3 in wide 1 ft. in the ground, in a row of each
2 ft high, with pits 1 ft deep, 2 ft long, 1 ft wide and
dove chanced stake, all as per instructions for 1/4 sec
cor from which

A mesquite 4 in. dia. W. S. 74° W. 216 lbs. dia
A Pale Oak 4 " " " N. 15 1/2° E. 167 " "

64.00 Dry stream 10 lbs wide, runs N. W.

65.00 Dry stream 20 lbs wide, runs N. W.

80.00 Stake part marked and notched, 4 ft long,
3 in. square, 1 ft in the ground, in a row of each
2 ft high, with pits 1 ft deep, 2 1/2 ft long, 1 1/2 ft
wide and dove chanced stake, all as per in-
structions for the cor. to sec 35 & 36.

No trees near.

Land rolling. Soil 2nd rate. Grass.

A few mesquite trees.

S. Boundary of Tp. 15 S. range 16 E.
Gila and Salt River Meridian

- Ch East on true line on S. boundary sec. 36.
on $17^{\circ}54'$ East
- 10.00 Dry stream 8 lbs. wide, runs N.W.
- 24.50 do 30 " " " " N.W.
- 40.00 Set a post, marked $1\frac{1}{2}$ S., $4\frac{1}{2}$ ft long, flat-
tined 3 in. wide, 1 ft in the ground, in mound
of earth 2 ft high with pit 1 ft deep, 2 ft long, 1 ft
wide, and drove charred stake, all as per in-
structions for $\frac{1}{4}$ sec. cor. from which
Azimuth 4 in. dia. has N. $10^{\circ}4'$ W. 168 lbs. dist
do 6 " " " N. $37^{\circ}11'$. 195 " "
- 41.80 Dry stream, 20 lbs wide, runs N.W.
- 54.00 Rise on small mountain, bis to the S.
- 63.00 Foot of mountain, and enter plain.
- 63.50 Dry stream, 10 lbs. wide, runs N.W.
- 73.80 do 12 " " " " N.W.
- 80.00 Set a post, marked and notched, $4\frac{1}{2}$ ft long,
 4 in. squared, 1 ft in the ground, in mound
of earth $2\frac{1}{2}$ ft high, with pit 1 ft deep, 3 ft
long, $1\frac{1}{2}$ ft wide and drove charred

S. Boundary of Tps. 15 S. range 16 E.
 Ma and Salt River Meridian

Its stakes, all as per instructions for the cor.
 to Tps. 15 S. ranges 16 and 17 E.
 from which

A mesquite 4 in. dia. bearing	S. 84° W.	79	lbs. dist.
do 4 " " "	N. 45° W.	148	" "
do 10 " " "	S. 1½° E.	100	" "
do 10 " " "	S. 85° E.	107	" "

Land somewhat rolling.

Soil 2^d rate.

Grass and a few mesquite trees.

October, 28. 1873

Third Standard. S.

S. Poundage of No. 15 S. R. 17 E.

Gila's Salt River Meridian

Sunday of N. 15 S. range 1st E.
Gila and Salt River Meridian

Go East on true line on S. boundary sec. 31.
var. 12° 55' East

As per observations by transit of Polaris. 1

0.00 Dry stream 100 lbs. wide, run N. W.

24.70 do 20 " " " N. W.

40.00 Set a post, marked 1/4 S, 4 ft long,
flattened 3 in. wide, 1 ft in the ground, in mound
of earth 2 ft high, with pits 1 ft deep, 2 ft long,
1 ft wide, and drove charred stake, all

as per instructions for 1/4 sec. cor. from which
A mesquite 3 in. dia. brs. S. 51° W. 68 lbs. dist
do 3 " " S. 45 1/2° E. 32 " "

42.00 Dry stream, 14 lbs. wide, run N. W.

80.00 Set a post, marked and notched 4 ft long, 3 in.
square, 1 ft in the ground, in mound of earth 2 ft
high, with pits 1 ft deep, 2 1/2 ft long, 1 1/2 ft wide, and
drove charred stake, all as per instructions for the cor.

to sec 31 & 32 from which
A mesquite 9 in. dia brs. S. 43° E. 97 lbs. dist
do 6 " " " N. 4° E. 100 " "
do 6 " " " N. 68° E. 190 " "
do 8 " " " N. 29° E. 213 " "

Land rolling and hilly. Soil 3/4 rate. Some grass.
A few mesquite trees.

S. Boundary of Tp. 15 Range 17 E.
Gila and Salt River Meridian

No. East, on true line on S. boundary sec. 32.
cor. 12° 55' East

40.00 Set a post, marked 1/4 S., 4 ft long, flat-
tend 3 in. wide, 1 ft in the ground, in mound of
earth 2 ft high, with pit 1 ft deep, 2 ft long, 1 ft wide,
and drove charred stake, all as per instructions
for 1/4 sec. cor. from which
A dead mesquite 6 in dia. lvs. North 46 lvs. dist.
A mesquite 3 " " " N. 40° E. 245 " "

60.00 At foot of mountain, lvs. to the S, 1/4 ascend.

66.70 Top and descend.

80.00 Set a post, marked and notched, 4 ft long, 3 in. square
1 ft in the ground, in mound of earth 2 ft high, with
pit 1 ft deep, 2 1/2 ft long, 1 1/2 ft wide, and drove charred
stake, all as per instructions for corner sec. 32 & 33, from which

A Palo verde 3 in. dia. lvs. S. 76 1/2° E. 72 lvs. dist

do. 3 " " " S. 67 1/2° E. 76 " "

A mesquite 6 " " " S. 55 1/2° E. 66 " "

do. 8 " " " S. 51° W. 50 " "

Land rough and broken. Soil 3 rate.

Some mesquite trees.

S. Pomdau of Tn. 15 S. Range 17 E.
Bela and Salt River Meadean

- No. East on true line on S. Pomdau etc. 33.
cor. $12^{\circ}55'$ East.
- 5.00 Foot of mound, E. side.
- 10.00 Rise again on side of rough mound.
- 17.00 Top and descend.
- 27.00 Bottom of same and ascend.
- 40.00 Top and descend.
- 40.00 Set a post, marked $\frac{1}{4}$ S. 4 ft long, flat-
tined 3 in wide, in mound of rocks 3 ft high,
and drove charred stake, all as per instructions
for $\frac{1}{4}$ sec. cor. Notice near.
I could not set this post on the ground, as
there was a solid bed of rock.
- 43.00 Foot of mound, and rise on another steep rough.
- 40.00 Top of rocky, lime stone peak of mound.
- 48.00 Bottom and stream 20 lbs. wide, runs S.W.
- 50.00 Set a post, marked and watched, 4 ft
long, 3 in. square, 1 ft in the ground,
in mound of earth 2 ft high, with
pits 1 ft deep, $2\frac{1}{2}$ ft long, $1\frac{1}{2}$ ft wide,

S. Boundary of Twp. 15 S. Range 17 E.
Gila and Salt River Meridian

Pro and drove chained stakes, all as per
instructions for the cor. to secs 33 & 34
from which.

A mesquite 4 in. dia. brs S. 35° E. 109 brs. dist

do 12 " " " S. 1½° E. 190 " "

A blackberry 8 " " " N. 35½° E. 143 " "

An ash. 6 " " " N. 17½° W. 160 " "

Land rough and mountainous.

Soil 3rd rate. Some timber in cañons.

Third Standard S.
S. Boundary of T^h 15 S. R. 18 E.
Gila and Salt River Meridian

S. Boundary of T. 15 S. R. 17 E.
Pila and Salt River Meridian

- 34 East on true line on S. Boundary sec 34.
at 12° 55' East.
- 28.50 Cañon, 50 lbs. wide hrs. N.
- 31.00 Bottom of mountain and ascend
- 40.00 Set a post, marked '11 S., 11 ft long,
flattened 3 in. wide, 1 ft in the ground, in mound
of stones 2 ft high, and drove charred stake
all as per instructions for '4 sec. cor. from which
A. moquite, 5 in. dia. hrs. S. 1½ W. 148 lbs. dist
to other tree near.
- 65.00 Top of mountain; peak to the S.
- 73.00 Bottom.
- 78.00 Foot of mountain.
- 80.00 Set a post, marked and notched, 4 ft long, 3 in.
square, 1 ft in the ground, in mound of earth 2 ft high,
with pile 1 ft deep. 3½ ft long, 1½ ft wide, and drove
charred stake all as per instructions for the cor. sec 34
and 35. from which
A. white oak 10 in. dia. hrs. N. 74 W. 135 lbs. dist
to other tree near.
Land rough and mountainous; soil very poor.
Some trees in cañons.

S. Boundary of Tp. 15 S. Range 17 E.
 Gila and Salt River Meridiana

As East on true line on S. boundary sec. 35.
 ans. $12^{\circ}55'$ East.

- 13.00 Top of mountain and descend steep.
- 34.00 Bottom; cañon with stream in it 500 yds wide, runs S.W.
- 40.00 Set a post, marked '14 S., 4 ft long, flattened
 3 in. wide, 1 ft in the ground, in mound of stones 2 ft high,
 and drove charred stake, all as per instructions
 for 1/4 sec. cor. No trees near.
- 41.00 Rise on mountain.
- 55.00 Dry gulch, runs S.W.
- 80.00 Set a post, marked and notched, 4 ft long, 3 in.
 squared, 1 ft in the ground, in mound of stones 2
 ft high, and drove charred stake, all as per in-
 structions for the cor. to sec 35 and 36.
 Post marked S.C. No trees near.

Land mountainous and rough.
 Soil worthless. No timber.

Boundary of Twp. 15 S. Range 17 E.
 Gila and Salt River Meridian

- East on true line or S. boundary sec. 36.
 cor. $12^{\circ}55'$ East
- 2.00 Rise on ridge of mountain.
- 5.00 Foot of ridge and rise in another.
- 10.00 Set apart, marked $1/4$ S., 4 ft long, flat
 tin 3 in. wide, 1 ft in the ground, in mound
 of stones 2 ft high, and drove charred stake,
 all as per instructions, for $1/4$ sec. cor. No trees near
- 15.00 Top of mountain and descend.
- 20.00 Foot of slope and deep cañon bas. W.
 Stream in cañon 20 lbs. wide, and
 rise on another mountain ridge.
- 29.00 Top of same and descend.
- 36.00 Foot of same, and deep cañon, 3 chs
 wide, bas. S.
- 40.00 Set apart, marked and notched, $1/2$
 ft long, 4 in. square, 1 ft in the ground
 in mound of stones 3 ft high and
 drove charred stake, all as per in-
 structions for the cor. to Townships

S. Boundary of N. 15 S. range 17th E
Gila and Salt River Meridian

In 15 S. ranges 17 and 18 E.
from which

1 white oak 12 in dia. bas. N. 53 $\frac{1}{2}$ ° W. 68 lbs. dia.

1 black oak 4 " " " N. 39 $\frac{1}{2}$ ° W. 29 " "

do 4 " " " N. 14 $\frac{1}{2}$ ° E. 21 " "

1 white oak 8 " " " N. 83° E. 26 " "

Land very rough, rocky and mountainous.
Soil worthless.

Some oak trees in cañons.

X

S. Boundary of Twp. 15 S. range 18 E.
Gila and Salt River Meridian

No East

on true line on S. boundary sec. 31.

var. 12° 50' East

As per transit observations of Polaris

- 8.00 Picea on ridge of mountain.
- 28.00 Top and descend.
- 40.00 Set a post, marked "14 S.", 11 ft. long, flattened 3 in. wide, 1 ft. in the ground, in mound of stones 2 ft. high and drove charred stake, all as per instructions for "4 sec. cor. from which a white oak, 14 in. dia. br. N. 49½° W. 141 lbs. dist.
- do 6 " " " N. 90° W. 119 " "
- 48.00 Foot of mountain
- 78.00 Deep cañon bet. S.W. with stream in it 30 lbs. wide.
- 79.00 Picea on ridge of mountain.
- 80.00 Set a post, marked and notched, 4 ft. long, 3 in. squared, 1 ft. in the ground, in mound of stones 2 ft. high,

S. Boundary of Tr. 15 S. range 18 E.
Gila and Salt Provs. Meridian

Ins and drove charred stakes, all as per
instructions for the cor. to secs: 32
and 33. from which

1 black oak 8 in. dia. bas. N. $47\frac{1}{2}^{\circ}$ W. 47 lbs. dist
1 white oak 9 " " N. $25\frac{1}{2}^{\circ}$ E. 54 " "
1 black oak 12 " " N. 5° W. 94 " "
1 white oak 18 " " S. $74\frac{1}{2}^{\circ}$ W. 36 " "

Land very rough, almost impassable.
Soil worthless.
Much oak timber.

S. Boundary of T^p. 15 S. range 18 E.
Gila and Salt River Meridian

Sec. East, outer line on S. boundary sec. 33.
or. 12° 50' East

- .50 Foot of ridge; in cañon.
- 1.00 Rise in another mountain ridge.
- 24.00 Top.
- 40.00 Set apart, marked "44 S.", 4 ft long, flattened 3 in wide, 1 ft in the ground, in mound of earth 2 ft high, with pits 1 ft deep, 2 ft long, 1 ft wide and drove charred stake, all as per instructions for 1/4 sec. cor. from which
 1 Cedar 4 in. dia. br. East 19 lvs. dist
 do 3 " " " 4.30° E. 24. "

Further E. the line is utterly impassable, running into the abrupt face of the Santa Catalina Mountains and lying over precipitous bluffs and deep cañons. We suffered great hardships in running the last two or three miles.

October 29. 1873.

Between Tps. 16 S. Ranges 16th 17th E.
Gila and Salt River Meridian

Pro. Calculating from the Santa Cruz Guide Meridian, which is four townships W. of this, at a point 8.90 chs. W. of the standard cor. to Tps. 15 S. ranges 16 and 17 E., I set a post marked and notched, 4 $\frac{1}{2}$ ft. long, 4 in. square 1 ft. in the ground, in mound of earth 2 $\frac{1}{2}$ ft. high, with pits 1 ft. deep, 2 $\frac{1}{2}$ ft. long, 1 $\frac{1}{2}$ ft. wide, drove charred stake and in addition mark post. C. C. for the closing cor. to Tps. 16 S. ranges 16 and 17 E., from which

Amerquit	3 in. dia. hrs.	N. 89° E.	53	lbs. dist.
do	6 . . .	N. 11° E.	126	. . .
do	6 . . .	S. 28 $\frac{1}{2}$ W.	154	. . .
do	7 . . .	S. 34 $\frac{1}{2}$ W.	313	. . .

From this cor. I run

South between seas. 1 $\frac{1}{4}$ C.

cor. 12° 55' East

(As per transit observation's Polaris)

40.00 Set a post marked 1/4 E, 4 ft long.

Between Sp. 16. S. Ranges 16917 E.
 Gila and Salt River Meridian

Is flattened 3 in. wide, 1 ft in the ground,
 in mound of earth 2 ft high, with pits
 1 ft deep, 2 ft long, 1 ft wide, and drove charred
 stake, all as per instructions for 4 sec. cor. from which
 Amoguite 8 in. dia. has S. 56 1/2° E. 119 lbs. dist.
 do 3 " " " N. 36° W. 130 " "

63.00 Cross point of hill, to the E.

77.00 Second slope of hill

50.00 Set a post marked and notched, 14 ft long,
 3 in. square, 1 ft in the ground, in mound of
 earth 2 ft high, with pits 1 ft deep, 2 ft long,
 1 ft wide, and drove charred stake, all as
 per instructions for the cor. to secs 1. 12. 6 & 7.
 from which

- A Pale Verde 3 in. dia. has N. 7° E. 92 lbs. dist.
- do 3 " " " North 121 " "
- do 14 " " " N. 15° W. 119 " "
- do 3 " " " S. 29 1/2° E. 139 " "

Land broken. Soil 2 rate. some grass.
 Scattering trees.

Between Sp. 16. S. Ranges 16th 17th E.
Gila and Salt River Meridian

Is South between secs 7th 12.

or 12° 55' East

- 40.00 Set a post marked 1/4 S. 4 ft long,
flattened 3 in wide, 1 ft in the ground, in mound
of earth 2 ft high, with pits 1 ft deep, 2 ft long,
1 ft wide, and drove charred stake, all as per
instructions for 1/4 sec. cor. from which
Arnesquide 12 in. dia. br. N. 40° E. 150 lbs. dist.
do 3 " " " S. 70° E. 46 " "
- 47.50 Dry stream 10 lbs. wide, runs W.
- 44.00 Second slope of mound, has to the W.
- 65.00 Top of same and descend.
- 80.00 Set a post, marked and notched, 4 ft long,
3 in. squared, 1 ft in the ground, in mound of
earth 2 ft high, with pits 1 ft deep, 2 ft long,
1 ft wide, and drove charred stake, all as per instructions
for the cor. to secs. 12, 13, 7th 18. from which
A Pale lode 3 in. dia. br. N. 39° W. 53 lbs. dist.
do 3 " " " N. 53 1/2° W. 43 " "
do 2 1/2 " " " S. 22° W. 32 " "
do 2 1/2 " " " S. 11° E. 40 " "
- Land any broken. Soil poor. Scattered trees.

Between Tps. 16 S. Ranges 16th 17th E.
Gila and Salt River Meridian

So South between secs 13th & 18.
or 17° 55' East.

- 40.00 Set a post marked 1/4 S., 4 ft long, flattened
3 in. wide, 1 ft in the ground, in mound of earth 2 ft high,
with pits 1 ft deep, 2 ft long, 1 ft wide, and drove charred
stake, all as per instructions for 1/4 sec. cor. from which
A magnite 8 in. dia. base S. 50° W. 57 lbs. dist
do 4 " " S. 59° E. 53 lbs. dist
- 52.00 Corner with dry stream in it 20 lbs. wide, runs W.
- 55.00 Rice on opposite bank.
- 50.00 Set a post marked and notched, 4 ft long, 3 in. square,
1 ft in the ground, in mound of earth 2 ft high, with
pits 1 ft deep, 2 ft long, 1 ft wide, and drove charred
stake, all as per instructions for the cor. to secs 13.
24, 18 and 19, from which
A Pale Verde 3 in. dia. base, S. 82¹/₂° E. 123 lbs. dist
A magnite 4 " " S. 71³/₄° W. 205 " "
A Pale Verde 3 " " S. 26° W. 109 " "
A magnite 4 " " N. 49¹/₂° W. 150 " "
Land occupied. Soil 3 rods. Scattering trees.

Between Ties 16. S Ranges 16th & 17th E.
Gila and Salt River No. 2

to South between secs. 19th & 24th
var. 12° 55' East.

35.00 Little valley runs S.W.

39.00 Rise out of valley.

40.00 Set a post, marked 4th E, 4 ft long, flattened
3 in. wide, 1 ft in the ground, in mound of earth 2 ft
high, with pit 1 ft deep, 2 ft long, 1 ft wide and
dove shaped stakes, all as per instructions, for 4 sec. cor. from which
A mesquite st in dia. var. N. 31¹/₂° W. 10 hrs. dist
do " " " S. 41° W. 153 " "

47.00 Old emigrant road.

64.00 Ceniza valley and road from Tucson to San Pedro, on N. side of valley, 6th N.W.

80.00 In valley that runs by Ceniza Station; Set a post, marked
and notched, 4 ft long, 3 in. square, 1 ft in the ground,
in mound of earth 2 ft high, with pit 1 ft deep, 2 ft long,
1 ft wide, and dove shaped stakes, all as per instructions, for
the cor. to secs. 24, 25, 19 and 30. No trees near.
Land barren and rolling.
Soil 3rd rate. Scattering trees.

Between Twp. 16. S. Ranges 16th 17th E.
Gila and Salt River Meridian

Go South between secs. 25th & 30.
000. 17° 55' East

7.00 Leave valley and ascend mesa.

10.00 Top of high mesa.

14.00 Cañon Cor. W. with stream in it 30 hrs. wide.

21.00 Top of mesa.

40.00 Set a post marked 1/4th E. 4 ft long, flattened 3 in. wide,
1 ft in the ground, in mound of earth 2 ft high, with pile 1 ft
deep, 2 ft long, 1 ft wide, and drove charred stakes, all as per
instructions, for 1/4 sec. cor. from which

A Cedar 12 in. dia. hrs. N. 81° W. 310 lbs. diet

A Mesquite 6. " " " S. 14° E. 297 " "

50.00 Set a post, marked and notched, 4 ft long, 3 in. squared,
1 ft in the ground, in mound of earth 2 ft high, with pile 1 ft
deep, 2 ft long, 1 ft wide, and drove charred stakes, all as per
instructions for the cor. to secs 25. 36. 30th 31. from which

A mesquite 7 in. dia. hrs. N. 75° W. 300 lbs. diet

Another tree near.

Land barren and rolling. Soil poor. some grass.

Scattering trees.

Between Nos. 16 S. Range 16th 1/2 E.

Grain and Salt River Meridian

As South between sec. 31 & 36.

and 12° 55' East

15.50 Dry stream, 20 lbs. wide, runs N. E.

18.00 do 12 " " " N. E.

25.50 do 20 " " " N. E.

40.00 Set apart marked 1/4 S. 4 ft long, flattened 3 in.
wide, 1 ft in the ground, in mound of earth 2 ft high
with pits 1 ft deep, 2 ft long, 1 ft wide, and drove Survey
stake, all as per instructions, for sec. cor. from which
4 Magnolia 3 in. dia, br. S. 55° W. 160 lbs. dist. Another tree near.

72.00 New road from Tucson to San Pedro, br. N. of W.

80.00 Set apart marked and notched, 4 1/2 ft long, 4 in. square,
1 ft in the ground, in mound of earth 2 1/2 ft high, with
pits 1 ft deep, 2 ft long, 1 1/2 ft wide, and drove Survey
stake, all as per instructions for the cor. to Sps.

16 and 17 S. Ranges 16 and 17 E. from which
4 Magnolia 4 in. dia br. N. 76° E. 270 lbs. dist.

do 3 " " S. 23° W. 118 " " Another near
Land rolling and broken. Soil poor. A few magnolia
trees.

October 30. 1843

Between Twp. 16th 1st S. Range 1st E.
 Gila and Salt River Meridian

Sec. 6th 31.

or. 12°55' East

(By fore and back sights.)

- 10.50 Dry stream 10 hrs. wide, runs N.
 20.50 Trail to Davidson's Springs (rs. E. of N.
 34.00 Canon, (rs. N.

Allowing for conveyance, at

- 38.22 Solaprot, marked 7th S, 4 ft long, flattened
 3 in. wide, 1 ft in the ground, in mound of earth 2 ft high,
 with pile 1 ft deep, 2 ft long, 1 ft wide, and dove charred
 stake, all as per instructions, for 1st sec. cor. from which
 A mesquite 4 in. dia. (rs. S. 4th E. 14 hrs. dist.

do 12 " " N. 56th E. 118 " "

- 11.00 Rice on opposite side of canon.

- 48.22 Solaprot, marked and notched, 4 ft long, 3 in. square,
 1 ft in the ground, in mound of earth 2 ft high, with pile 1 ft
 deep, 2 ft long, 1 ft wide, and dove charred stake, all as
 per instructions for the cor. to sec. 5, 6, 31 and 32. Notes near
 Sand walking. Some grass. Some mesquite trees.

Between Twp. 16th & 17th S Range 17th E
Gila and Salt River Meridian

Sec. East. on true line between secs 5th & 32.
cor 12°55' East.

23.00 Cañon, with stream in it, 15 lbs. wide, runs N.

40.00 Set apart marked 74 S, 4 ft long, flat
tomb 3 in. wide, 1 ft in the ground, in mound of
earth 2 ft high, with pits 1 ft deep, 2 ft long, 1 ft wide,
and dove chanced stake, all as per instructions, for
1/4 sec. cor. from which

- A Cedar, 6 in. dia. bas. S. 36° E. 54 lbs. diet.
- do 3 " " " S. 50° E. 80 " "

48.50 Cañon and stream in it, 20 lbs. wide, runs N.

80.00 Set apart marked and notched, 4 ft long, 3 in. square,
1 ft in the ground, in mound of stone 2 ft high
and dove chanced stake, all as per instructions
for the cor. to secs 4, 5, 32nd & 33. from which

- Amesquite 2 1/2 in. dia. bas. S. 78 1/2° E. 92 lbs. diet.
- do 3 " " " S. 11 1/2° E. 103 " "

No other trees near.

Land rolling and somewhat broken.

Soil poor. Some grass and trees.

Between Tps. 16 & 17 S. Range 17 E.
 Gila and Salt River. Maricopa

	Line East on line between secs. 4 & 33 or 12° 55' East	2
32.00	Cañon, with stream at 10 hrs. wide, runs N.	
40.00	Set a post, marked 4 24 S, 4 ft long flattened 3 in. wide, 1 ft in the ground, in mound of earth 2 ft high, with pit 1 ft deep, 2 ft long, 1 ft wide, and drove charred stake, all as per instruction for W. sec. cor. from which A Cedar E. in dia. N. 11° W. 20 lbs. dist do 4 " " " S. 49° E. 13 " "	
40.00	Stream in Cañon 20 lbs. wide, runs N.	
80.00	Set a post, marked and notched, 4 ft long, 3 in. squared, 1 ft in the ground, in mound of earth 2 ft high, with pit 1 ft deep, 2 ft long, 1 ft wide, and drove charred stake, all as per instruction for the cor. to secs. 34, 33 and 34. Notes near. Land rolling and broken Soil 3 ^d rate. No timber.	

Between Twp. 16 & 17 S. Range 17 E.
Gila and Salt River Meridian

No East-town line between secs. 3 & 34
on 17th 55' East.

40.00 On steep E. slope, and set a post, marked
1/4 S., 4 ft long flattened 3 in wide, 1 ft in the ground,
in mound of stones 2 ft high and drove charred
stake, all as per instructions for 4 sec. cor. from which
A Mesquite 3 in dia. bearing N. 70° W. 49 lbs. dist
do 4 " " " N. 81 1/2° E. 8 " "

41.00 Racine runs N.

42.00 Sycamore, 10 lbs. wide, runs N.

46.00 Little valley of runs N.

80.00 In little valley running N. and set a post, marked,
and notched, 4 ft long, 3 in. squared, 1 ft in the
ground, in mound of earth 2 ft high, with pits
1 ft deep, 2 ft long, 1 ft wide, and drove charred
stake, all as per instructions for the cor to secs 2, 3, 34 & 35.
A mesquite 8 in dia. bearing S. 7 1/2° W. 346 lbs. dist
do 4 " " " S. 41° W. 322 " "
do 4 " " " S. 81 1/2° E. 97 " "
do 18 " " " N. 67° W. 362 " "

Land rolling. Soil 3rd rate. Scattering trees.

Between Nos. 16th & 17th S. Range 17th E.
 San and Salt River Headland

As East on line between secs 2^d & 3^d
 or 17th 55' East

- 40.00 Stake post, marked 1/4 S., 4 ft long, flattened
 3 in. wide, 1 ft in the ground, in mound of stones 2 ft
 high, and drove charred stake, all as per instructions
 for 1/4 sec. cor. No trees near.
- 43.00 Cuernega valley bas. N. W.
- 43.12 Road from San Pedro to Tucson bas. N. W. 3/4 S. E.
- 48.00 Leave valley.
- 50.00 Stake post, marked and notched, 4 ft long, 3 in.
 square, 1 ft in the ground, in mound of earth 2
 ft high, with pits 1 ft deep, 2 ft long, 1 ft wide, and
 drove charred stake, all as per instructions, for the
 cor. to secs 1, 2, 35th & 36th, from which
- | | |
|---|------------|
| A megalite 2 1/2 in. dia. bas. N. 80° W. 94 | bas. dist. |
| do 4 " " " N. 5° W. 67 | " " |
| do 3 " " " S. 33° E. 111 | " " |
| A Post 4 " " " S. 9° W. 120 | " " |
- Land rolling. Grass and trees in valley.
 Soil 1st and 2^d rate.

Section Nos 16 & 17 S. Range 17 E.
Gila and Salt River Meridian

to East on true line between secs 1 & 36.
or $12^{\circ}55'$ East

40.00 Set a post, marked '14 S. 4 ft long,
flattened 3 in. wide, 1 ft in the ground, in mound
of earth 2 ft high, with pits 1 ft deep, 2 ft long,
1 ft wide, and drove charred stake, all as per
instruction for 4 sec. cor. Notices near.

61.00 Enter valley. Gas S.

80.00 Set a post, marked and notched, $4\frac{1}{2}$ ft long, 4 in
square, 1 ft in the ground, in mound of earth
 $2\frac{1}{2}$ ft high, with pits 1 ft deep, 2 ft long, 1 ft wide,
and drove charred stake, all as per instructions
for the cor. to Tps. 16 and 17 S. ranges
17 and 18 E. from which

Ameriguite S. in dia.	has S. $52\frac{1}{2}^{\circ}$ E.	160	Sec. dist
do 4 " " "	S. 4° E.	216	" "
do 6 " " "	S. 7° W.	205	" "
do 5 " " "	S. 10° W.	177	" "

Land rolling and hilly. Soil 2^d rate.
Grass and scattering trees.

Between Twp. 16th & 17th S. Range 18 E.
Gila and Salt River Meridian

No East-timber line, between secs. 6th & 31.
cor. 12° 50' East

(By transit observations of Polaris)

Allowing 1.78 chs. for convergence - at

38.22 Stakepost, marked 1/4 S., 4 ft long,
flattened 3 in. wide, 1 ft. in the ground, in mound
of earth 2 ft high, with pit 1 ft deep, 2 ft long,
1 ft wide, and drove charred stake, all as per
instructions for "sec. cor. from which
A mesquite 12 in. dia. br. N. 74° W. 84 lbs. dist
do 12 " " " S. 40° E. 74 " "

62.00 Leave valley, br. S.

68.00 Enter little valley, br. S.

74.00 Leave valley, br. S.

78.22 Stakepost, marked and notched, 4 ft long, 3 in. square,
1 ft in the ground, in mound of earth 2 ft high with pit
1 ft deep, 2 ft long, 1 ft wide, and drove charred stake, all
as per instructions, for the cor. to secs. 5, 6, 31 and 32.
from which

A mesquite 6 in. dia. br. S. 72½° W. 189 lbs. dist

do 4 " " " N. 79½° W. 236 " "

do 3 " " " N. 57½° W. 166 " "

do 3 " " " N. 38° E. 79 " "

Land rolling, soil 3' or 4'. Some grass and trees.

Between Twp. 16th 17th S. Range 18th E.

Soda and Salt River Meridian

to East, on true line between secs. 5th & 32nd
cor. 12° 50' East.

37.00 Enter little valley cor. S.
40.00 Set apart, marked 1/4 S, 4 ft long, flattened
3 in. wide, 1 ft in the ground, in mound of earth 2 ft high,
with pit 1 ft deep, 2 ft long, 1 ft wide, and drove chanced
stake, all as per instructions, for 1/4 sec. cor. from which
Amesquite 6 in. dia. cor. N. 32° E. 63 lbs. dist.

do 18. . . East 56. . .

40.30 Dry stream, 20 lbs. wide, runs S.

43.00 Leave valley cor. S.

77.00 Enter little valley cor. S.

80.00 Set apart, marked and notched, 4 ft long, 3 in. square,
1 ft in ground, in mound of earth 2 ft high, with pit 1 ft
deep, 2 ft long, 1 ft wide and drove chanced stake, all as per
instructions, for the cor. to secs 4, 5, 32nd & 33, from which
Amesquite 8 in. dia. cor. S. 37° E. 77 lbs. dist.

do 5. . . S. 10° E. 67. . .

do 12. . . N. 66 1/2° W. 308. . .

No other trees near.

Land rolling. Soil mostly 3rd rate. Some trees.

Between Twp. 16th 1st S. Range 18 E.
Gila and Salt River Meridian

- Co. East. corner line between secs 4th, 33
cor. 12° 50' East.
- 40.00 Set a post, marked 1/4 S, 4 ft long, flat-
tined 3 in wide, 1 ft in the ground, in mound of earth
2 ft high, with pits 1 ft deep, 2 ft long, 1 ft wide, and
dove-chained stake, all as per instructions, for 1/4
sec. cor. No trees near.
- 80.00 Set a post, marked and notched 4 ft long, 3 in.
square, 1 ft in the ground, in mound of earth 2 ft
high, with pits 1 ft deep, 2 ft long, 1 ft wide, and
dove-chained stake, all as per instructions
for the cor. to secs. 3, 4, 33rd, 34.
from which
Amesquite 8 in dia, br. S. 87 1/2° E. 326 ls. dist.
No other trees near.
Land rolling.
Soil 2nd rate.
Grass. No timber.

October 31. 1873

Section Nos. 16th 17th S Range 18 E.
Gila and Salt River Meander

No. East-south line between sec. 3rd, 34
or 12° 50' East

28.50 Dry stream, 14 in. wide, runs S.W.

40.00 Solapad, marked 1/4 S, 4 ft long, flattened
3 in. wide, 1 ft in the ground, in mound of earth 2 ft
high, with pits 1 ft deep, 2 ft long, 1 ft wide, and
dove charr'd stake, all as per instructions, for
1/4 sec. cor. from which

Emergale 6 in. dia. bet. N. 65 1/2° E. 112 bea. dist.

do. 8 " " S. 79° W. 110 " "

80.00 Solapad, marked and notched, 4 ft long
3 in. square, 1 ft in the ground, in
mound of stones 2 ft high, and dove
charr'd stake, all as per instructions
for cor. to secs 2, 3, 34 and 35.

No trees near.

Land rolling.

Soil 2nd rate.

Grass. No timber.

Between Tps. 16 & 17 S. Range 18 E.
Gila and Salt River Meridian

No East on true line between sec. 2 & 35
cor. $12^{\circ}50'$ East

40.00 Set a post, marked $1/4$ S, 4 ft long
flattened 3 in. wide, 1 ft in the ground, in
mound of stones 2 ft high and dove chamed
stake, all as per instructions for $1/4$ sec. cor.
No trees near.

80.00 Set a post, marked and notched, 4 ft
long, 3 in. square, 1 ft in the ground, in
mound of earth 2 ft high, with pits 1 ft
deep, 2 ft long, 1 ft wide, and dove chamed
stake, all as per instruction for the cor.
to sec. 1, 2, 35 and 36. from which
A. magnetic 8 in. diameter, S. $38\frac{1}{2}^{\circ}$ E. 219 lbs dist
do 8 " " " S. 77° E. 223 " "
do 4 " " " N. 88° E. 178 " "

No other tree near.

Land rolling. Soil 2^d rate.

Some grass and trees.

Between Tps. 16th & 17th S. Range 18th E.

Gila and Salt River Meridian

As East. meridian between secs 1st & 36.
 or. 12th 50' East

40.00 Remote from stone or timber; so I drove chanced
 stake 12 in. down, and built a mound of
 earth 2 ft high, with pits 1 ft deep, 2 ft long,
 1 ft wide, all as per instructions for "4000 cor."

57.70 Road from San Pedro to Tucson, via N.E. and
 S.W., Road to "Upper Crossing," comes into it about 1/2 mile to S.W.

80.00 Remote from stone or timber; so I drove chanced
 stake 12 in. down, and built a mound of
 earth 2 1/2 ft high, with pits 1 ft deep, 2 ft long
 1 1/2 ft wide, and in the pit E. of the cor. I drove
 a stake, in the center, ^{and 1 ft in the ground,} marked and notched, 2 ft long
 2 in. square, all as per instructions for the cor. to
 Tps. 16 and 17 S. ranges 18th & 19th E.
 Land rolling. Soil 2nd rate.
 Grass. No timber.

General Description.

The six miles S. between ranges 16 & 17
E. of Townships 16 S., are over rather
broken and sometimes rolling land.
Soil mostly poor. Some grass and
scattering trees.

The line E. between townships 16 and
17 S. Ranges 17 and 18 E., for the first 6
miles is over similar land to that above
described, after which the land is rolling,
with abundance of grass, making fine
pasture. But little timber.

Thos. F. White
U.S. Dep. Surveyor

Between Tys. 16 & 17 S. Range 19 E.
Tula and Salt River Meridian

To From the cor. to Tys. 16 and 17 S.
ranges 18 and 19 E. From
East, on true line between sec 6 & 31
on 12° 50' East.

(As per fore and back sights)

Allowing for convergence - at

38.22 Set apart, marked $\frac{1}{4}$ S, 4 ft long
flattened 3 in. wide, 1 ft in the ground, in
mound of earth 2 ft high with pit 1 ft deep,
2 ft long, 1 ft wide, and drove charred stake,
all as per instructions for 14 sec. cor. Notices near.

78.22 Remote from stone and timber, so I drove charred stake
12 in. down, and build a mound of earth 2 ft high,
with pit 1 ft deep, 2 ft long, 1 ft wide; and in the pit
E. of the cor., in the center, I drove a stake, marked and
notched, 2 ft long, 2 in. square, 1 ft in the ground,
all as per instructions, for the cor. to sec 5, 6. 31 & 32.
Land rolling, Soil 2^d rate, grass, no timber.

Between Twp. 16th & 17th S. Range 19 E
Gila and Salt River Meridian

Rs East on true line between secs. 5 & 32
or 12° 50' East

40.00 Remove from stone and timber; so I drive chased
stake, 12 in. down, and build a mound of earth,
2 ft high, with pits 1 ft deep, 2 ft long, 1 ft wide,
all as per instructions for 4 sec. cor.

80.00 Remove from stone and timber; so I drive
chased stake, 12 in. down, and build a mound
of earth 2 ft high with pits 1 ft deep, 2 ft long,
1 ft wide; and in the center of the pit E. of the cor
I drive a stake, marked and notched, 2 ft long,
2 in. square, 1 ft in the ground, all as per
instructions for the cor. to secs. 4, 5, 32
and 33.

Land - fine grassy slope, descending E.
towards San Pedro.

Soil 2nd rate. No timber.

Between Tps. 16 & 17 S. Range 19 E.
 Esola and Salt River, New Spain

Tps. East antennae line between secs 14, 33
 or 12° 50' East

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

No trees near.

80.00 Set a post, marked and notched, 4
 ft long, 3 in. squared, 1 ft in the ground,
 in mound of earth 2 ft high, with pits
 1 ft deep, 2 ft long, 1 ft wide, and drove
 charred stake, all as per instructions
 for the cor. to secs. 3, 4, 33 and 34.

No trees near.

Land fine grassy slope descending E.
 towards the San Pedro.

Soil 2^d rate. No timber.

Between T^{rs}. 16th & 17th S. Range 19th
Sida and Salt River Meridian

To East on true line between sec 3rd & 34th
0 or 12° 50' East

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

58.00 Dry stream, 30 lbs wide, run N. E.

80.00 Set a post, marked and notched, 4 ft long,
3 in squared, 1 ft in the ground, in mound of earth
2 ft high, with pits 1 ft deep, 2 ft long, 1 ft wide,
and drove charred stake, all as per instructions
for the cor. to secs. 2, 3, 34th & 35th, from which

Amesquite 6 in dia. bears S. 18½° E. 511 lbs dist.

do 4 " " " S. 67½° E. 378 " "

No other trees near.

Land slightly rolling. Soil good for grass.

A few trees.

Peterson Trs. 16th 17th S. Range 19th E.
 Gila and Salt River Meridian

To East - in line between secs. 2 & 35
 on 12th 50' East

16.00 Dry stream, 10 lbs. wide, runs N. E.

27.20 do 20 " " " N. E.

40.00 Sd. apert. marked, 1/4 S., 4 ft long, flattened 3 in.
 wide, 1 ft in the ground, in mound of earth 2 ft high,
 with pit 1 ft deep, 2 ft long, 1 ft wide, and dove channeled stake,
 all as per instructions for 4 sec. cor. from which
 Amerigade 3 in. dia. lies N. 11° E. 70 lbs. dist.

do 3 " " " S 44 1/2° E. 134 " "

80.00 Sd. apert. marked and notched, 4 ft long, 3 in. square,
 1 ft in the ground, in mound of earth 2 ft high, with
 pit 1 ft deep, 2 ft long, 1 ft wide, and dove channeled
 stake, all as per instructions for the cor. to secs

1. 2. 35 and 36. from which

Amerigade 3 in. dia. lies S. 30° E. 71 lbs. dist.

do 3 " " " N. 69° E. 140 " "

do 3 " " " N. 1 1/2° E. 196 " "

do 10 " " " N. 81° E. 341 " "

Land rolling, but 2nd rate. Some trees.

Between Tps 16th & 17th S. Range 19th
Gila and Salt River Meridians

To East true line between sec 1st & 3rd.
cor. 12° 50' East.

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

Amerigade 4 in dia. hrs. N. 33 1/2° E. 114 lbs. dist.

do 9 " " " S. 7 1/2° E. 140 " "

42.00 Dry stream, 10 lbs. wide, runs N. E.

80.00 Set a post, marked and notched, 4 1/2 ft long, 4 in. square
1 ft in the ground, in mound of earth 2 1/2 ft high,
with pile 1 ft deep, 2 ft long, 1 1/2 ft wide, and drove
charred stake, all as per instructions for the cor. to
Tps. 16 and 17 S. ranges 19th & 20th E. from which

Amerigade 10 in dia. hrs. N. 23° W. 248 lbs. dist.

do 4 " " " N. 1° W. 178 " "

do 3 " " " S. 18° E. 79 " "

do 8 " " " S. 49 1/2° W. 234 " "

Land slightly rolling. Soil 2nd rate. Grass. Some trees.

November. 1. 1873

General Description

The line between townships 16 and 17 S. Range 19 W. is over rolling land, with abundance of grass making fine pasture.

There is no timber of any consequence on the line.

Thos. J. White
U.S. Dep. Surveyor

Between Tps. 16 S. Rps. 19th 20 E.
Gila and Salt River Meridian

10. From the cor. to townships 16 and
17 S. Rps. 19th 20 E. Iron
Norch between sec 31st & 36
var. 12° 50' East

As per S. boundary of Tps. 16 S. R. 19 E.

10.00 Set a post, marked, $\frac{1}{4}$ S., 4 ft long
flattened 3 in. wide, 1 ft in the ground, in mound of
earth 2 ft high, with pile 1 ft deep, 2 ft long, 1 ft wide
and drove charred stake, all as per instruc-
tions for 4 sec. cor. from which
A mosquito 5 in. dia. has. S. 70 $\frac{1}{2}$ ° W. 141 lbs. dist.
No other trees near.

15.00 Dry stream, 8 lbs. wide, runs N. E.

20.00 Set a post, marked and notched, 4 ft long, 3 in. square,
1 ft in the ground, in mound of earth 2 ft high, with
pile 1 ft deep, 2 ft long, 1 ft wide, and drove charred stake
all as per instructions for the cor. to sec. 25, 30, 31st & 36, from which
A mosquito 8 in. dia. has. N. 71 $\frac{1}{2}$ ° W. 244 lbs. dist.
No other trees near.

Land somewhat rolling. Soil poor. Gravel. No timber.

Between Tps. 16 S. Rq. 19 & 20 E.
Gila and Salt River Meridian

hs.	North between secs. 25 & 30 cor. 12° 50' East
22.00	Dry stream 10 lks. wide, runs E.
24.00	do 12 " " " E.
27.00	do 12 " " " E.
40.00	Set apart, marked 1/2 S, 4 ft long, flattened 3 in wide, 1 ft in the ground, in mound of earth 2 ft high, with pits 1 ft deep, 2 ft long, 1 ft wide, and dove shaped stake, all as per instructions for 1/2 sec. cor. Notice near.
54.80	Dry stream, 50 lks. wide, runs N. E.
56.00	Wood road.
80.00	Set apart, marked and notched, 4 ft long, 3 in diameter 1 ft in the ground, in mound of earth 2 ft high, with pits 1 ft deep, 2 ft long, 1 ft wide, and dove shaped stake all as per instructions for cor. to secs 24, 25, 19 and 30 from corner. A mesquite 6 in dia. has N. 70 1/2° W. 144 lks. dist do 6 " " " S. 57° E. 78 " " do 3 " " " N. 55° E. 123 " " do 3 " " " N. 65 1/2° E. 150 " "
	Land rolling. Soil 3 rd rate. Scattering trees.

Between Tps. 16 S. Rps. 19 & 20 E.
Gila and Salt River Mexican

Is North between sec. 19 & 24
or 12° 50' East

28.00 Dry stream, 8 hrs. wide, runs N.E.

40.00 Set a post, marked 1/4 S, 4 ft long,
flattened 3 in. wide, 1 ft. in the ground, in mound
of earth 2 ft. high, with pit 1 ft. deep, 2 ft. long, 1 ft.
wide and drove charred stake, all as per in-
structions for 4 sec. cor. from which

A mesquite 9 in. dia. has West 126 hrs. dist.

do 12 " " N. 23 1/2° W. 156 " "

50.00 Set a post, marked and notched, 4 ft. long, 3 in.
square, 1 ft. in the ground, in mound of earth 2 ft.
high, with pit 1 ft. deep, 2 ft. long, 1 ft. wide, and
drove charred stake, all as per instructions for
cont. to sec. 13, 24, 18 and 19.

No trees near.

Land, 1/2 half mile broken, last half mile
mostly level. Soil good for grass.

A few trees.

Between Tps. 16 S. Rgs. 19 & 20 E.
Gila and Salt River Meridian

- North between secs 13 $\frac{1}{2}$ 18
or 12° 50' East
- 40.00 Set a post, marked $\frac{1}{4}$ S., 4 ft long,
flattened 3 in. wide, 1 ft in the ground, in
mound of earth 2 ft high, with pits 1 ft deep, 2 ft
long, 1 ft wide, and drove charred stake, all as per
instructions for $\frac{1}{4}$ sec. cor. from which
A mesquite 12 in. dia. bas. N. 2 $\frac{1}{2}$ ° W. 83 W. dist.
A mesquite 4 " " " N. 34° E. 108 "
- 44.00 Descend into valley.
- 50.00 Set a post, marked and notched, 4 ft long, 3 in.
square, 1 ft in ground, in mound of earth 2
ft high, with pits 1 ft deep, 2 ft long, 1 ft wide
and drove charred stake, all as per instruc-
tions for cor. to secs. 12, 13, 7 $\frac{1}{2}$ 18. from which
A mesquite 10 in. dia. bas. N. 36 $\frac{1}{4}$ ° E. 289 W. dist.
do 4 " " " N. 20° E. 262 " "
do 4 " " " S. 22 $\frac{1}{2}$ ° W. 173 " "
Neither trees near.
- Land lead and then broaden.
Soil 2^d rate. Scattered trees

Between Tps. 16 S. Rps. 19 & 20 E.

Grand Salt River Meridian

to North between secs. 7 & 12
on $12^{\circ}50'$ East

25.00 Road bet. E. and W.

30.50 Road " S. E. and N. W.

40.00 Set a post marked "14 S.", 4 ft long, flattened
3 in wide, 4 ft in the ground, in mound of earth
2 ft high, with pits 1 ft deep, 2 ft long, 4 ft wide, and
dove charred stakes, all as per instructions
for "4 sec. cor. No trees near.

43.00 Road bet. S. E. and N. W.

58.00 Road from "Lower" to "Upper Settlement" on the
San Pedro, bet. S. E.

62.00 Leave valley and run along hills, bearing to the E.

80.00 Set a post, marked and notched, 4 ft long, 3 in square, 4 ft
in the ground, in mound of earth 2 ft high, with pits 1 ft
deep, 2 ft long, 4 ft wide, and dove charred stakes, all
as per instructions for cor. to sec. 1, 12, 6 & 7, from which
S. 1 mi. dist. S. $1^{\circ}11'$ W. 162
do 8 " " " N. $84^{\circ}12'$ W. 388
do 4 " " " S. $88^{\circ}12'$ E. 130 " " " No other trees near.
Lead most of the valley, then along hills -
Set good. Timber on hills.

Between Tps. 16 S. Rgs. 19 & 20 E
Sola and Salt River Meridian

to North between sees 1 & 6.
var. 12° 50' East

10.00
19.00
20.00
28.00
39.50
40.00

Leave hills and enter valley.
Road hrs. N. E. A House 9 chs. E.
House 5.50 chs. E.
Dry stream, 30 hrs. wide, runs E.
Road hrs. E and W.
Set a post, marked 1/4 S, 4 ft long flat-
tined 3 in wide, 1 ft in the ground, in mound of earth
2 ft high, with pile 1/2 ft deep, 2 ft long, 1 ft wide and drove
chained stake, all as per instructions for 4 sec. cor.
from which
A Sarsaw tree 4 in dia hrs S. 1° E. 256 hrs. dist.
do 4 " " " S. 9 1/2° W. 260 hrs. dist.

46.00
50.00
70.00
80.00

Two small adobe houses, br. E. about 4 chs.
Wood shed, hrs. E and W.
Road hrs. N. E.
House, 2.50 chs. E.
Set a post, marked and notched, 4 1/2 ft long, 4 in. sq. d.
1 ft in the ground, in mound of earth 2 ft high, with
pile 1/2 ft deep, 2 ft long, 1 1/2 ft wide, and drove chained
stake, and additionally mark post C.C., all as per
instructions, for the closing cor. to townships 16 S. Rgs
19 and 20 E. from which
A mesquite 8 in dia. hrs. N. 35° W. 318 hrs. dist.
do 10 " " " N. 29° W. 396 " " Another near
Land level. Soil rich. No timber.

General Description

The line between Townships 16 S. Rq. 19th & 20 E., passes over rolling table land, crossing some lateral valleys, mostly good for grazing.

There is but little timber along its course, but considerable brush in places.

Geo. F. White
U.S. Dep. Surveyor

Between Sp. 16 S. Rp. 15 & 16 E.
Gila & Salt River Meander

See French cor. to Sp. 16 & 17 S. Rp. 15 & 16 E. Damm
North between sec. 31 & 36.
var. 13' 47' East

As per Burt's improved solar Compass.

40.00 Set a post, marked "H.S." 4 ft long, flattened
3 in wide, 1 ft in the ground, drove charred
stake and built mound of earth 2 ft high with
pit 1 ft deep, 2 ft long, 1 ft wide, as per instruc-
tions, for use cor. No trees near

78.00 Long bed of stream 40 lbs wide, cor. N. N.

80.00 Set a post, marked "M. S." 4 ft long, 3 in wide,
1 ft in the ground, drove charred stake and built mound
of earth 2 ft high, with pit 1 ft deep, 2 ft long, 1 ft wide, as per
instructions for cor. to sec. 25, 30, 31 & 36, from a hole

at Mesquite. 3 in dia. Cor. N. 44° W. 72' long dist.

do. 7 " " " N. 58° W. 133 " "

do. 4 " " " S. 47½° E. 133 " "

do. 7 " " " N. 83½° E. 210 " "

Land flat. Considerable grass, Bush
A few trees.

Between Nos. 16 S. R. 15 & 16 E.
 Island Salt River Mendocino

No. North between sec. 25 & 30.
 near 13° 42' East

40.00 Set of post, marked 74 S of long, flattened 3 in.
 wide of in the ground, done charred stake and
 built mound of earth 2 ft high, with pile of debris,
 2 ft long, 4 ft wide, as per instruction for 74
 sec. cor. from which

A Mesquite 5 in dia. bearing N. 12° E. 41 lbs. due S.
 No other trees near.

80.00 Set of post, marked & notched, 4 ft long, 3 in. sq. of in
 the ground, done charred stake & built mound of earth
 2 ft high, with pile of debris, 2 ft long, 4 ft wide, as per instruction
 for cor. to sec. 19, 24, 25 & 30 from which,

A Mesquite 4 in dia. bearing N. 47° E. 20 lbs. due S.

do. 3 " " " N. 53 1/4° W. 50 " "

do. 3 " " " N. 82 1/2° W. 108 " "

do. 4 " " " S. 45 1/2° E. 112 " "

Land flat. Considerable grass.
 Brush, scrub mesquite.

Between Tps. 16 S. R. 15 & 16 E.

Gila Salt River Meridian

Ln. North between sec. 19 & 24
cor. 13° 42' East

40.00 Set a post, marked "W. S. 4 ft long, flattened 3 in wide,
ft in the ground, drive charred stake and build
mound of earth 2 ft high, with pit 4 ft deep, 2 ft long, 1 ft
wide, as per instruction for these cor. from which
A Mesquite 4 in dia. N. 58½° W. 1800 dist
do. 3 " " N. 46½° E. 58 " "

46.00 Road from Tucson to Cottenden, Co. N. W. & S. E.

80.00 Set a post, marked & notched, 4 ft long, 3 in. sqd,
ft in the ground, drive charred stake and build
mound of earth 2 ft high, with pit 4 ft deep, 2 ft long,
1 ft wide, as per instruction for cor. Sec. 13, 18, 19 & 24,
from which

A Mesquite 3 in dia. N. 48¾° W. 2500 dist
1 Pale Verde 4 " " N. 29° E. 281 " "

No other trees near.

Sand flat. Soil sandy. Some grass
Brush and a few trees.

Between Tps. 16 S. R. 15th E.

4th & Salt River Meridian

Ch. North between sec. 13 & 18
cor. 13th 42' East.

24.00 Road base S. E.

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 pit 1 ft. deep, 2 ft. long,
1 ft. wide, as per instructions for 14 sec. cor.
No trees near.

52.00 Road base S. E.

80.00 Set a post, marked 14 S. 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.

Sand flat Good grass, Brush.
No timber.

Between Tps. 16 S. Rps. 13 & 16 E.
Gila & Salt River Meridian

On North between sec. 7 & 12
cor. 13' 42" East

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

80.00 Set a post, marked and notched, 4 ft
long, 3 in. sq. 1 ft in the ground, drive
charred stake and build mound of earth
2 ft high, with pits 1 ft deep, 2 ft long, 1 ft
wide, as per instructions, for cor. to
Secs. 1, 6, 7 & 12. From which
A Mesquite 3 in. dia. in S. 82° E. 76 lbs. dia. 1
No other trees near
Land undulating. Some grass &
Brush. A few scrub mesquite trees.

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

Sec. North between sec. 1 & 6.
and 13° 42' East

40.00 Set a post, marked 44 S. 4 ft. long, flattened 3 in.
wide, 1 ft. in the ground, drove charred stake and
built mound of earth 2 ft. high, with pits 1 ft. deep, 2 ft.
long, 1 ft. wide, as per instructions for 4 sec. cor. from west of
Albuquerque 4 in dia. bar. S. 75° 34' E. 100 Cord. dist.
A S. 30° E. 3 . . . " N. 40° W. 84 . . .

70.25 Intersect 5 Standard S, 5.07 chs. W. of cor. to Tps.
15 S. Rgs. 15 & 16 E. Set a post, marked and
watched, 4 1/2 ft. long, 4 in. sqd. 1 ft. in the ground, drove
charred stake and built mound of earth 2 1/2 ft.
high, with pits 1 ft. deep, 3 ft. long, 1 1/2 ft. wide, as per in-
structions for closing cor. to Tps. 16 S. Rgs. 15
and 16 E. No trees near.

Land undulating. Grass, Brush. No timber.

Note A mistake of 10. chs. was found in the E. boundary of Tps.
16 S. R. 16 E., which was run in 1873. See notes of sub-
division of said Tps. line between Secs. 1 and 2.

November 17, 1874

Between Tps. 16 S. R. 15 E. 16 E.
Gila & Salt River Meridian
General Description

This line passes over a
flat then undulating sur-
face.

There is considerable grass
but no timber of any con-
sequence.

Theodore F. White
U.S. Dep. Surveyor.

Between Tps. 16 S. Rgs. 17 & 18 E.
Gila & Salt River Meridian

From the cor. to Tps. 16 & 17 S. Rgs. 17 & 18 E. Run
North between sec. 31 & 36.
var. $13^{\circ}29'$ East.

- As per Burt's improved solar Compass
- 40.00 Set a post, squared $4\frac{1}{2}$ ft long, flattened 3
in. wide, 1 ft in the ground, drive charr'd stave and
build mound of earth 2 ft high, with pits 1 ft deep,
2 ft long, 1 ft wide, as per instructions for 4^{th} sec. cor.
A Mesquite 8 in dia. base, S. 43° E. 93 lbs. dia't
do 8 " " N. $83\frac{1}{2}^{\circ}$ W. 210 " "
- 80.00 Set a post, squared & notched, 4 ft long, 3 in x 4 in
in the ground, drive charr'd stave and build mound of
earth 2 ft high, with pits 1 ft deep, 2 ft long, 1 ft wide, as per
instructions for cor. to sec. 25, 30, 31 & 36. From which
A Mesquite, 10 in dia. base, S. 71° W. 119 lbs. dia't
do. 9 " " S. $12\frac{3}{4}^{\circ}$ W. 127 " "
do. 10 " " S. 27° W. 95 " "
do. 6 " " N. 39° E. 47 " "
- Land rolling on S end flat. Grass.
Scattered trees.

Between Nos. 16 S. R. 17 & 18 E.

Gila and Salt River Meridian

Chs. North between sec. 25 & 30
 cor. $13^{\circ}29'$ East

- 5.00 Imp. rd. of stream, 50 lns. wide, cor. S. W.
- 40.00 Set a post, marked by 2 1/2 ft. long flat timber 3 in. wide,
 1/2 in. the ground, drive charred stakes 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. from which
 A Mesquite 6 in dia. cor. N. 1° W. 41 lns. dist
 do. 5 " " N. 45° E. 37 " "
- 50.00 Set a post, marked & marked, 2 1/2 ft. long 3 in. 2 ft.
 1/2 in. the ground, drive charred stakes 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 sec. 19, 24, 25 & 30, from which
 A Mesquite 3 in dia. cor. N. 60 3/4° W. 57 lns. dist
 do. 10 " " S. 82 1/2° W. 216 " "
 do. 10 " " S. 73 1/4° E. 73 " "
 do. 10 " " N. 23 1/4° E. 95 " "
- Land selling. Considerable grass.
 Some mesquite trees.

Between Sp. 16 S. Sp. 17 & 18 E.
Gila & Salt River Mendocino

Sp. North between sec. 19 & 24
cor. 13 & 29 East

25.00 Dry bed of stream 20 ft. wide, cor. S. N.

40.00 Seta post, marked 1/4 S. 1/4 fl. long, flat
tined 3 in. wide, 1/2 in. the ground, drove
charred stake and build mound of earth
2 ft. high, with pit 1/2 ft. deep, 2 ft. long 1/2 ft. wide,
as per instructions, for 1/4 sec. cor. from which
a Mesquite 10 in. dia. br. N. 20 1/4° E. 230 lvs. dist
do. 3 " " " N. 56 1/2° W. 104 " "

50.00 Seta post, marked and notched, 1/4 fl. long, 3
in. sq. d. 1/2 in. the ground, drove charred
stake and build mound of earth 2 ft. high,
with pit 1/2 ft. deep, 2 ft. long 1/2 ft. wide
as per instructions for cor. to sec.
13, 18, 19 and 24. Notes near
Sand rolling hills. Good pasture,
No timber.

Between Tps 16 S. R. 17 E. 18 E.
Tpa and Salt River Meridian

No. North Section sec. 13 & 18.
cor. 13²⁹ East.

40.00 Set a post, marked 40. 4 ft long, flattened 3 in wide, 1/2 in
thick in the ground, drive charred stake & build mound of earth
2 ft high, with pile 1/2 ft deep, 2 ft long, 1/2 ft wide, as per
instructions for 4 sec. cor. from which
A Mesquite, 4 in dia. bar N. 23° E. 168 bar, dist to
do. 3 " " " S. 83 1/2° W. 106 " "

61.00 Set a post, marked 61. 150 bar wide, bar. S. W.

80.00 Set a post, marked and matched, 4 ft long, 3 in sqd.
1/2 in thick in the ground, drive charred stake and build
mound of earth 2 ft high, with pile 1/2 ft deep, 2 ft long
1/2 ft wide, as per instructions, for cor. to sec. 7,
12, 13 and 18, from which

A Mesquite, 4 in dia. bar N. 78° W. 11 bar, dist.
do. 3 " " " N. 26° W. 87 " "
do. 8 " " " S. 25° E. 114.5 " "
do. 7 " " " N. 79° E. 100 " "

Sand rolling, then crosses the Agua Verde valley.
Good grass. Some mesquite trees

Between Nos. 16 S. Rgs. 17th & 18th

Gila and Salt River Meridian

No. North between Secs 7th & 12th

Cor. 13° 29' East

7 40.00 Seta post, marked with 4 fl. long, flattened 3 in. wide, 4 ft
 11. in the ground, and built around of stones 2 ft high, as per
 instructions, for 14 sec. cor. from which
 A mesquite 10 Indian bu. S. 24° E. 37 bu. dist.
 do. 8 " " S. 39½° N. 57 " "

80.00 Seta post, marked & notched, 4 fl. long, 3 in. sq. d.
 8 in the ground, and built around of stones
 2 ft high, as per instructions, for cor. to Secs
 1, 6, 7 and 12, from which

A Mesquite 3 Indian bu. S. 28° N. 123 bu. dist.
 No other trees near.

Land broken, on last end very rough and com-
 mence to ascend mountains, some grass & trees.

Further N. the line becomes impracticable from the pre-
 cipitous bluffs and canons of the mountains, while
 the land is utterly worthless, being precipi-
 tions, bare and rocky.

Therefore I do not extend this line any further.
 November 27. 1874

Between Tps. 16 S. R. 17 E. 186.
Gila and Salt River Meridian

General Description

This line passes over some fine grazing land. On the E. boundary of section 13, it crosses a little valley, called the Agua Verde, along which about $1\frac{1}{2}$ miles to the W. is water. The surface is mostly rolling, on last mile mountainous. Scattering timber is found along the line.

Theodore F. White
U.S. Dep. Surveyor.

Between Tps. 16 S. R. 18 E. 19 E.
Tola and Salt River Meander

From the cont. to Tps. 16 & 17 S. R. 18 & 19 E. Survey
North between sec. 31 & 36.
cor. 13° 25' East

As per Brant's improved solar compass.

37.00 Road to San Pedro cor. N. E.

40.00 Set a post, marked 41 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 the sec. cor. No trees near.

50.00 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 sec. 25, 30, 31 and
36. No trees near.

Land smooth & rolling, Excellent
grass, No timber.

Between Tps. 16 S. Rps. 18 & 19 E.
Gila and Salt River Meridian

Ch. North between sec. 25 & 30.

cor. 13° 25' 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 4th sec. cor. No stone or timbers.

50.00 Set a post, marked and notched, 1 ft long, 3 in. sq. 1 ft in the ground, drive charred stake and build mound of earth 2 ft high, with pit 1 ft deep, 2 ft long, 1 ft wide, as per instructions for cor. to secs. 19, 24, 25 and 30. No trees near.

Sand smooth rolling.

Some grazing.

No timbers.

Between Sp. 16 S. R. 18 & 19 E.

Cyda & Salt River Meade Co.

As North between sec. 19 & 24

cor. 13 & 25 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
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 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 sec. 13, 18
19 and 24. No trees near.
Land smooth rolling. Excellent
grazing. No timber.

Between Sp. 16 S. R. 18 & 19 E.
Gila & Salt River Mendocino

- Loc. North between sec. 13 & 18
cor. 13th 25' East.
- 18.00 Dry bed of stream 400 yds. wide, bas. S. E.
- 40.00 Set a granite stone 18 x 6 x 5 inches
2/3 in the ground, marked N.
and on N. side, build mound
of earth 2 ft high, with pit 4 ft
deep, 2 ft long. 4 ft wide, as per
instructions for "M. Sec. cor."
- No trees near.
- 80.00 Set a granite stone 14 x 6 x 6 inches
2/3 in the ground, marked N. and
S. and on N. side build mound
of stones 2 ft high, as per in-
structions, for cor. to sec. 7, 12,
13 & 18. No trees near.
- Sand rolling. Willow N. end.
Good grass. No timber.

Between Tps. 16 S. R. 18 E. 19 E.
T. 4 S. & Salt River Meridian

Sec. North between Secs. 17 E. 12
cor. 13° 25' East

40.00 Set a granite stone 12x10x6 inches,
2/3 in the ground, marked 44,
and on N. side, build mound
of stones 2 ft high, as per
instructions for 44 sec. cor.

No trees near.

80.00 On E. slope of hill. Set a post, marked
and notched, 4 ft long, 3 in. sq. ft
in the ground, drive charred stake
and build mound of earth 2 ft high,
with pits 4 ft deep, 2 ft long, 1 ft
wide, as per instructions for cor.
to Sec. 1. 6. 2 and 12.

No trees near.

Sand rolling, hilly on east end.
Considerable grass. No timber.

Between Tps. 16 S. Rgs. 18 & 19 E.,
Gila Co Salt River Meridian

Trs. North between sec. 1 & 6.
var. 13° 25' East.

- 3.00 Top of high hill and descend.
- 35.00 Bottom of hill, on N. side.
- 40.00 Set a post, marked 14th, 4 1/2 ft long flattened 3 in wide
1 ft in the ground, drive charred stake & build mound of earth 2
ft high, with pits 1 x 2 x 1, as per instructions for 4th sec. cor.
an oak 13 in dia bar N. 45° E. 46 lbs. dist
do 15 " " " N. 12° W. 50 " "
- 62.00 Dry bed of stream, 50 lbs wide, cor. S. E.
- 72.00 Dry bed of stream, 100 " " " S. E.
- 73.00 Old road to San Pedro, down valley, cor. S. E.
- 80.00 Set a post, marked & notched, 4 1/2 ft long, 4 in sqd. 1 ft in
the ground, drive charred stake & build mound of earth
4 ft high, with pits 1 ft deep, 3 ft long, 1 1/2 ft wide, as per in-
structions, for closing cor. to Tps. 16 S. Rgs. 18 & 19 E.
No true bear.
- This cor. is established to be corrected if necessary, upon
the extension of the 3^d Standard S., which will have to
be extended from the E. as it cannot be carried across
the mountain's just N. of this corner.
- Sand fully on S. end, descending into
valley on N. Rocky.
- Some grass. A few trees.

December 14, 1874.

Between Tps. 16 S. Rgs. 18 & 19 E.
Gila & Salt River Meridian

General Description

This line passes through a fine
grazing section. Excellent
grass is found along nearly
the whole extent of it.

On the Mend it passes over some
high, rough hills, otherwise over
an undulating or rolling
surface.

Theodore F. White
U.S. Geol. 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 S. boundary of Tps. 13. S. R. 16. E., S. boundary of Tps. 15. S. Rgs. 15. 16. 17. & 18. E., being 3^d Standard; W. boundary of Tps. 16. S. R. 17. E., S. boundary of Tps. 16. S. Rgs. 17. 18. & 19. E. and W. boundary of R. 16 S. 20 E. of the Gila & Salt River Indian
 Showing the respective capacities in which they acted.

J. M. C. Elliott Chainman.

J. B. Stephenson Chainman.

F. C. Jones Axeman.

R. A. Vasquez Flagman.

94

FINAL OATH OF ASSISTANTS.

WE hereby certify that we assisted Theo. F. White U. S. Deputy Surveyor, in surveying the S. boundary of Tps. 13. S. R. 16. E,
the S. boundary of Tps. 15. S. Rps. 15. 16. 17. 18. E,
the W. boundary of Tps. 16. S. 17. E, the S. boundary
of Tps. 16. S. 17. 18 and 19 E, and the W. boundary
of Tps. 16. S. 20 E, all of the Gila and Salt
River Meridian

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.

J. M. G. Elliott Chainman.
H. B. Stephens Chainman.
H. C. Jones Axeman.
C. A. Vargas Flagman.

Sworn to and subscribed before me, this 19
 day of December, 1873

William J. Osborn
 Notary Public



FINAL OATH OF DEPUTY SURVEYOR.

I, Mrs. F. White

U. S. Deputy Surveyor do solemnly swear that, in pursuance of a contract with John Wasson, United States Surveyor-General for Arizona, bearing date the 13th day of May 1873 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 S. boundary of T^{ps} 13. S. R. 16. E., the S. boundary of T^{ps} 15. S. R^s 15. 16. 17 and 18 E., the W. boundary of T^{ps} 16. S. R. 17. E., the S. boundary of T^{ps} 16. S. R^s 17. 18 and 19 E., and the W. boundary of T^{ps} 16. S. R. 20 E. of the Gila and Salt River Meridian 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 contained in circular instructions from the U. S. Surveyor-General for Arizona, dated September 1, 1873, regarding the establishment of corner boundaries of public surveys, and that the foregoing are the true and original Field Notes of such surveys.

Theodore F. White
Deputy Surveyor.

Sworn to and subscribed before me, this 19 day of December, 1873

William J. Osborn
Notary Public



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U. S. Surveyor General's Office
Account. Dec. 26. 1873

The foregoing field notes of the surveys of the Exterior lines of Townships as follows; the S. boundary of Tps. 13. S. R. 16. E, the S. boundary of Tps 15. S. Rps. 15. 16. 17 & 18 E, being 3^d Standard S, the W. boundary of Tps. 16. R. 17 E, the S. boundary of Tps. 16. S. Rps. 17. 18 & 19 E, and the W. boundary of Tps. 16. S. R. 20. E, of the Gila and Salt River Meridian, Arizona, executed by Theo. F. White, under his contract of May 13. 1873, having been critically examined, and the necessary corrections and explanations made, the said field notes and the surveys the records are hereby approved.

John Masson
Surveyor General.