

1489

1489

BOOK 1489

PL

F I E L D N O T E S
OF THE SURVEY OF THE
EXTERIOR LINES OF

T. 16 S., Rs. 16, 17 and 18 E.,
Ts. 17, 18, 19 and 20 S., R.
17 E., and T. 19 S., R. 16 E.
including portions of 4th Stand-
ard South.

Gile and Salt River Base and
Meridian,

ARIZONA.

By Theo. F. White, D. S., under
Contract dated August 21, 1874.
Survey commenced Oct. 6, 1874.
Survey completed Dec. 4, 1874.

1A

BOOK 1489

PRELIMINARY OATHS OF ASSISTANTS.

W.E. *R. A. Vasquez*
 and *L. D. Burton*

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.

R. A. Vasquez
L. D. Burton

Sworn to and subscribed before me, this
 day of *October*, 1874

3rd

William Osborn
Notary Public



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

Chs. South between sec. 13 & 18.
var. 13° 48' 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 these cor.

No trees near.

80.00 Set a post, marked and nailed, 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.
13, 18, 19 and 20.

No trees near.

Sand rolling and broken.

Soil 2' and 3' rate.

Good grass. No timber.

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

Chs. South between secs. 19 & 24.
cor. 13° 48' East

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

61.00 Prairie bar. S. E.

76.00 Dry stream, in prairie, 40 yds. wide, bar. 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 stones 2 ft high,
as per instructions, for cor. to secs.
19, 24, 25 and 30, from which
Jennifer 6 in. dia. bar. S. 69° W. 80 yds. dist.
do. 10 " " " S. 39° W. 95 " "
do. 4 " " " S. 30° E. 140 " "

No other tree near.

Sand rolling and hilly.

Soil stony 3" rule. Good grass.

Between Twp. 17 S. R. 17 E. 18 E.
Gila and Salt River Meridian

Chy. South between secs. 25 & 30.
cor. 13' 48" East

40.00 Soda post marked $\frac{1}{4}$ S. $\frac{1}{4}$ E. long, flattened
3 in. wide, 1 ft in the ground, drive charred
stake and build mound of stones 2 ft high
for $\frac{1}{4}$ sec. cor. No trees near.

68.00 Top of a ridge bet. N. E. and descend

80.00 Alongside gulch. Soda post marked and
notched, $\frac{1}{4}$ E. long, 3 in. sq'd. 1 ft in the ground,
drive charred stake and build mound
of stones 2 ft high as per instructions
for cor. to secs. 25, 30, 31 and 36.

from which

A Juniper 12 in. dia. bet. N. 79° W. 100 per dist.

A magnolia 3 " " N. 36° W 13 " "

No other trees near.

Sand rolling and hilly.

Soil 3rd rate. Grass.

Between Tps. 17 S. Rgs. 17 & 18 E.
Isla and Salt River Meridian

Sec. South between secs. 31 & 36.
var. 13° 48' 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 stones 2 ft high, as per in-
structions for 1/4 sec. cor. from which
A juniper 10 in. dia. has S. 80° E. 78 " "

43.00 Dry stream, in ravine, 20 lbs. wide, S. E.
60.00 do. " 15 lbs. wide, S. E.

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 stones 2 1/2 ft high
as per instructions, for cor. to Tps. 17 and 18
S. ranges 17 and 18 E. from which
A juniper 13 in. dia. has S. 56° E. 277 lbs. dist
A quercus 3 " " S. 47° E. 12 " "
Land hilly and rocky. Soil poor.
Some grass. Scattering trees.
October 6, 1874.

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

Ch. General Description

This line passes over a mostly
hilly country.

There is considerable grass,
and but little timber.

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

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

Sec. From the cor. to Tps. 17 & 18 S. Rps. 17 & 18 E. from
South between sec. 1 and 6.
cor. 13° 52' East

As per Solar Compass.

11.00 Dry stream, in ravine, 400 yds. wide, runs E.

40.00 Set apart, marked $\frac{1}{4}$ S. 4 ft long, flattened 3
in. wide, 4 ft in the ground, drove charred
stake and build mound of stones 2 ft high,
as per instructions, for $\frac{1}{4}$ sec. cor. from which
Armesquite 10. in. dia. has N. $44\frac{1}{2}^{\circ}$ W. 162 lbs. dist.

do. 5. " " " N. $44\frac{1}{2}^{\circ}$ E. 163 "

80.00 On steep S. slope, cor. looking Gila valley.
Set apart, marked and notched, 4 ft long,
3 in. sq'd. 4 ft in the ground, drove charred
stake and build mound of stones 2 ft
high, as per instructions, for cor. to sec.
1, 6, 7 and 12.

No trees near

Land hilly and stony, soil poor.

Some grass and trees.

Between Tps. 18 S. R. 17th 18 E.
Gila and Salt River Meridian

To South between secs. 7th & 12.

cor. 13th 52' East

Descend into Cuerniga valley.

27.00 Cuerniga creek, 2 ch. wide, cor. N. E.

29.00 Rise on ridge, cor. S. W. and N. E.

40.00 Set a post, marked $\frac{1}{4}$ S. 14 ft long, flattened
3 in. wide, 1 ft in the ground, drive charred
stake and build mound of stones 2 ft high,
for $\frac{1}{4}$ sec. cor. from which

A Sycamo tree, 3 in. dia. cor. S. 18° E. 80 cor. dist

67.00 Old road cor. N. E. and S. W.

80.00 Set a post, marked and notched, 14 ft long,
3 in. sqd. 1 ft in the ground, drive charred
stake and build mound of stones 2 ft high,
with pits 1 ft deep, 2 ft long, 1 ft wide, as per
instruction for cor. to secs. 7, 12, 13 and
18. No trees near.

Land hilly then rolling. Soil poor.
Good grass.

Between Twp. 18 S. Rps. 17 & 18 E.
Gila and Salt River Meridian.

Sec. South between sec. 13 & 18.

cor. 13° 52' East.

40.00 Set a granite stone 10 x 9 x 6 in. marked 14.
2/3 in the ground, —

and build mound of earth on S. side,
2 ft high, with pit 1 ft deep, 2 ft long,
1 ft wide, as per instruction for 1/4 sec.
cor. No trees near.

80.00 Set a post, marked and notched, 4
ft long, 3 in. sq'd. 1 ft in the ground.
Drive charred stake and build
mound of earth 2 ft high,
with pit 1 ft deep, 2 ft long, 1 ft wide,
as per instruction for cor. to sec.
13, 18, 19 and 24.

No trees near.

Land rolling grass land.
No timber.

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

South between secs. 19 & 24.
cor. $13^{\circ} 52'$ East.

26.00 Ravine cor. N. W.

40.00 Set a post, marked $4\frac{1}{2}$ ft. long,
flattened 3 in. wide, 1 ft. in the ground,
driven charred stake and build mound
of earth 2 ft. high, with pits 1 ft.
deep, 2 ft. long, 1 ft. wide, all as per instruc-
tions for 14 sec. cor. No trees near.

80.00 Set a post, marked and notched,
 $4\frac{1}{2}$ ft. long, 3 in. sq. 1 ft. in the ground,
driven charred stake and build mound
of earth 2 ft. high with pits 1 ft. deep,
2 ft. long, 1 ft. wide, as per instructions
for cor. to secs. 19, 24, 25 and
30. No trees near.

Sand rilling.

Soil 5' rate.

Good grass. No timber.

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

Ch. South between secs. 25 & 30.
cor. 13° 52' East

- 2.00 Dry stream 30 hrs. wide, hrs. N. W.
10.00 Dry stream 40 " " " A. W.
40.00 Set a post, marked $\frac{1}{4}$ S. 4 ft. long, flattened
3 in. wide, 1 ft. in the ground, drive charred
stake and build mound of earth 2 ft. high
with pit 1 ft. deep. 2 ft. long, 1 ft. wide, as
per instructions for $\frac{1}{4}$ sec. cor.
No trees near.
80.00 Set a post, marked $\frac{1}{4}$ notch, 4 ft. long, 3 in.
sqd. 1 ft. in the ground, drive charred
stake and build mound of earth 2 ft. high,
with pit 1 ft. deep. 2 ft. long, 1 ft. wide,
as per instructions for cor. to secs.
25, 30, 31 and 36.
No trees near.
Good rolling. Soil 2° rate.
Good grass. No timber.

Between Tps. 18 S. Rgs. 17 & 18 E.

Gila and Salt River Indian

Trs. South between sec. 31 and 36.
or. 13° 52' East

39.00 Little valley running N. W.

40.00 ^{In little valley} Set a post, marked $4\frac{1}{2}$ ft. long, flattened 3 in.
wide, 1 ft. in the ground, drive charred stake and
build mound of earth 2 ft. high, with pile 1 ft. deep, 2 ft.
long, 1 ft. wide, for 14 sec. cor. No trees near.

44.00 Dry creek, 40 ft. wide, runs N. W. and leaves valley.

60.00 Top of high ridge has. N. W.

72.00 Ravine has. N. W.

80.00 Set a post, marked and notched, $4\frac{1}{2}$ ft. long, 4 in. sq. d.,
1 ft. in the ground, drive charred stake and build
mound of stones 2½ ft. high, as per instructions
for cor. to Tps. 18 and 19 S. Rgs. 17 and 18 E.
No trees near.

Land hilly, Soil stony. Good grass. No timber.

Between Twp. 18 S. R. 17 E. 18 E.
Gila and Salt River Meridian
No. General Description

This line extends mostly over
rolling hills.
Soil stony but affording good
grass.
No timber.

Theodore F. White
U. S. Dep. Surveyor

Between Tps 19 S. Rps 17 E. 186.
Gila and Salt River Meridian

Sec. 1. From the cor. to Tps. 18 & 19 S. Rps 17 & 18 E. Run
South between sec. 1 & 6.
Cor. 114° 02' East

As per Burt's improved Solar Compass.

40.00 Set a trap rock, 16 x 6 x 6 in 3 in the ground,
marked 1/4, and build mound of stones
on S. side, 2 ft high as per instructions
for 1/4 sec. cor. No trees near.

43.00 Dry creek, 40 lbs. wide box N.W.

75.00 Dry creek, 30 " " " N.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
stones 2 ft high as per instructions
for cor. to sec. 1, 6, 7 and 12.
No trees near.

Land high rolling hills. Soil stony
No timber. Grass.

Between N. 19 S. E. 17 1/2 18 E.
Gila and Salt River Meridian.
Co. South between sec. 7 & 12.

var. 124° 02' East

40.00 Set a post, marked 1/4 S. 1/4 flong, flat
land 3 in. wide, 1 ft in the ground, drive
charred stake and build mound of
stones 2 ft high as per instructions
for 1/4 sec. cor. No trees near.

42.00 Enter valley bet. N. W.

50.00 Leave same.

80.00 Set a post, marked land marked, 1/4 flong,
3 in. sq'd. 1 ft in the ground, drive charred
stake and build mound of each 2 ft
high, with pit 1 ft deep, 2 ft long, 1 ft wide
as per instructions for cor. to sec. 7, 12,
13 and 18. from which

An oak 11 in. dia. bet. S. 2° W. 230 lbs. dist.

do. 4 " " " S. 3 1/2° E. 256 " "

No other trees near.

Land high rolling hills. Soil stony.
Some oak trees. Good grass.

Between Tps. 19 S. & 17th 18 E.
Gila and Salt River Meridian

Cor. South between sec. 13th 18.

or. 114° 02' East

29.00 Dry bed of stream, 30 ac. wide. Cas. N. W.

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

80.00 Set a post, marked and notched,
1/4 flong, 3 in. sq'd, 1 ft in the ground,
drive charred stake and build
mound of stones 2 ft high,
as per instructions, for the cor.
to Secs. 13, 18, 19 and 24.
No trees near.

Land high rolling hills.

Soil good for grass.

Some oak trees.

October 7, 1874

Between Tps. 19 S. Rps. 17 & 18 E.
Gila and Salt River Meridian

Cor. Smith betacense co. 19 & 20 st.
cor. 14° 02' East

30.00 Dry stream 50 lbs. wide, Crs. N. W.

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

An oak 12 in. dia. has. N. 43 1/4° W. 234 lbs. dia.

do. 6 " " " N. 3° E. 233 " "

68.00 Dry stream 20 lbs. wide, Crs. N. W.

80.00 Seta post, marked and notched, 4
ft. long, 3 in. sq. 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, 21, 25 and 30.

No trees near.

Sand rolling hills. Good grass.

Some trees.

Between Tps 19 S. & 17th 18 E.
Gila and Salt River Meridian

Sec. South between secs. 25 & 30
cor. $14^{\circ} 02'$ East

17.00 Dry stream 40 lbs. wide, has N.W.
40.00 Set a post, marked 1/4 S. 4 ft. long, flattened
3 in. wide, 1/2 in. the ground, drive charred
stakes and build mound as for sec 2 ft
high, with pits 1 ft deep, 2 ft long, 1 ft
wide, as for instructions for 1/4 sec. cor.
No trees near.

80.00 Set a post, marked and notched,
4 ft. long, 3 in. sq'd, 1/2 in. the ground,
drive charred stakes and build a
mound of stones 2 ft high,
as for instructions for cor to
secs. 25, 30, 31 and 36.

No trees near.

Sand rolling hills. Soil stony.
Good grass. Some oak trees.

Between Tps. 19 S. Rgs. 17 & 18 E.
 Gilman Salt Lake Meridian
 Co. Smith, between sec. 31 & 36,
 cor. 14° 07' East.

34.00 In bed of stream 20 cr. wide cor. N.W.
 40.00 In little valley, runs N.W. Set a post, marked
 $1\frac{1}{4}$ ft. long, flattened 3 in. wide, 1 ft. in the
 ground, drive charred stake and build
 mound of earth 2 ft. high, with pits 1 ft.
 deep, 2 ft. long, 1 ft. wide, as per instructions
 for $1\frac{1}{4}$ sec. cor. No trees near.

69.00 Road to old Camp. Hallen cor. S. E.

80.00 Set a post, marked and notched,
 $4\frac{1}{2}$ ft. long, 4 in. sq'd, 1 ft. in the ground,
 drive charred stake and build mound
 of earth $2\frac{1}{2}$ ft. high, with pits 1 ft. deep,
 2 ft. long, $1\frac{1}{2}$ ft. wide, for cor. to Tps.
 19 and 20 S. range 17 and 18 E.
 No trees near.

Sand rolling hills. Soil stony.
 Good grass. Some trees.

Between Twp. 19 S. Sp. 17 E. 18 E.
Gila and Salt River Meridian

General Description

This line passes over rolling hills, affording good pasturage. Some scattering oak trees.

Theodore F. White
U. S. Dep. Surveyor

Between Tps. 20 S. Rps. 17 & 18 E.
Gila and Salt River Meridian

No. From the cor. to Tps. 19 & 20 S. Rps. 17 & 18 E. From
South between secs. 1 & 6.

Cor. 124° 06' East

As per Best Solar Compass.

40.00 Set a granite stone $12 \times 10 \times 6$ in $\frac{2}{3}$ in the
ground, marked '44', and build mound
of stone on S. side, 2 ft. high, as per
instruction for '4 sec. cor.
No trees near.

80.00 Set a granite stone $12 \times 10 \times 8$ in.
 $\frac{2}{3}$ in the ground, notched N. and S.
and build mound of earth, on S.
side, 2 ft. high, with pit 1 ft. deep,
2 ft. long, 1 ft. wide, as per instruction
for cor. to secs. 1, 6, 7 and 12.
No trees near.

Sloped hill. Soil stony.
Grass. No timber.

Between Tps 20 S. R. 21 E. 17th 18th E.

Gda and Salt River Mendocino

Sec. South between sec. 7 and 12
cor. 14° 06' East.

40.00 Set a granite stone, 16 x 6 x 6 inches,
7/8 in the ground, marked 44, and on
S. side, build mound of earth 2
ft high, with pit 1 ft deep, 2 ft
long, 1 ft wide, as per instructions
for 44 sec. cor. No trees near.

80.00 Set a granite stone, 12 x 12 x 10 inches,
7/8 in the ground, notched S. and N.
edges, and build mound of
stones on S. side, 2 ft high,
as per instructions for cor. to
sec. 7, 12, 13 and 18.

No trees near.

Sand hilly. Soil stony.
Grass. No timber.

Between Tps. 20 S. Rpp. 17 & 18 E.
Gila and Salt River Meridian

Ths. South between secs. 13 & 18,

cor. $14^{\circ} 06'$ East

40.00 Set a granite stone, $12 \times 10 \times 5$ in,
 $\frac{2}{3}$ in the ground, marked "H",
and on S. side, build mound
of stones 2 ft high, as per instruc-
tions, for $\frac{1}{4}$ sec. cor.

No trees near.

80.00 Set a granite stone $10 \times 10 \times 6$ in,
 $\frac{2}{3}$ in the ground, notched N.
and S. and on S. side, build
mound of stone, 2 ft high, as per
instructions, for cor. to secs.
13, 18, 19 and 20.

No trees near.

Land hilly.

Soil stony.

Good grass. No timber.

Between Tps. 20 S. R. 17 E. 18 E.
Gila and Salt River Meridian

Sec. South between sec. 19 & 24
near $14^{\circ} 06'$ East

40.00 Set a granite stone $11 \times 10 \times 5$ in.

$\frac{2}{3}$ in the ground, marked $\frac{1}{4}$,
and on S. side, build mound of
earth 2 ft high, with pit 1 ft
deep, 2 ft long, 1 ft wide, as per
instructions, for $\frac{1}{4}$ sec. cor.

No trees near.

80.00 Set a granite stone, $12 \times 10 \times 7$ in.

$\frac{2}{3}$ in the ground, notched N. and
S. and on S. side, 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.

Land smooth, descending S. E.

Soil good. No timber. Grass

Between Tps 20 S. Rgs. 17 & 18 E.
Tola and Salt River Meridian

Sec. South between secs. 25 & 30.
cor. $14^{\circ}06'$ East.

40.00 Remove from stone and timber.
Drive charred stake 12 in. down and
build mound a few ft high
with pits 1 ft deep, 2 ft long, 1 ft
wide, as per instructions for 44
sec. cor.

80.00 Drive charred stake 12 in. down
and build mound a few 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.
Land smooth, descending S.E.
Soil good for grass.
No timber.

Between Tps. 20 S. Rgs. 17 & 18 E.
Gda and Salt River. Mendocino

hs. South between sec. 31 & 36.
var. $14^{\circ} 06'$ East

40.00 Seta lime stone, $12 \times 9 \times 5$ inches
 $\frac{2}{3}$ in the ground, marked 14, and on S.
side 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.

74.00 Road to Santa Cruz Cos. S. E.

80.00 Seta granite stone, $16 \times 12 \times 8$ inches, $\frac{2}{3}$
in the ground, notched N. E. and S. E. and
on N. side, build mound of earth $2\frac{1}{2}$ ft
high, with pits 1 ft deep 3 ft long, $1\frac{1}{2}$ ft
wide, as per instructions for standard
cor. to Tps. 20 S. ranges 17 and 18 E.
No trees near.

Land smooth. Soil good.

Grass. No timber.

October 8, 1874

Between Nos. 20. S. Rys. 179 18 E.
Gila and Salt River Meridian

No. General Description

N.A.
This line first passes over
rolling, stony hills, then over
more level land.

On S. end the soil is good.
Excellent grazing along the
whole line.

No timber.

Theodore F. White

U.S. Dep. Surveyor

4th Standard S. BOOK 1489 30
S. Boundary of T^p. 20 S. R. 17 E.
Gila and Salt River Meridian

No. From the Standard Cor. to T^p. 20 S. R. 17 E. From
West.

Between line and S. Boundary of sec. 36.
var. 14° 03' East.

As per Burt's Solar Compass.

40.00 Set a granite stone. 16 x 6 x 6 in. $\frac{2}{3}$ in the
ground, marked $\frac{1}{4}$, and on N. side build
mound of earth 2 ft high, with pit 1 ft deep, $\frac{3}{4}$ ft
long, $\frac{1}{4}$ ft wide, as per instructions for $\frac{1}{4}$ sec. cor.
No trees near.

80.00 Remove from stone and timber. Drive charred
stick 12 in. down and build mound of earth 2
ft high, with pit 1 ft deep, $2\frac{1}{2}$ ft long, $1\frac{1}{2}$ ft wide, and
in center of pit E. of cor. drive a stake, marked
and notched, 2 ft long, 2 in. sq. d. 1 ft in the ground,
as per instructions for standard cor. to secs.
35 & 36.

Land smooth according to Good grass
No timber.

S. Boundary of Sp. 20. S.R. 17 E.
Gila and Salt River Indian

Chs. W. Antone Union S. boundary Sec. 35.
Cor. $14^{\circ} 03'$ East

40.00 Set a granite stone $12 \times 12 \times 5$ inches,
 $\frac{2}{3}$ in the ground, marked $\frac{1}{4}$,
and on W. side build mound of earth
2 ft high with pile 1 ft deep, $2\frac{1}{2}$ ft long, $1\frac{1}{2}$ ft
wide, as per instructions for Sec. cor.

No trees near.

50.00 Set a granite stone, $12 \times 12 \times 5$ inches,
 $\frac{2}{3}$ in the ground, notched E. N. and W.
and on W. side build mound of earth
2 ft high, with pile 1 ft deep, $2\frac{1}{2}$ ft long,
 $1\frac{1}{2}$ ft wide, as per instructions for stand-
ard cor. to Secs. 34 and 35.

No trees near.

Land smooth, descending slightly
E. Good pasprage.

S. Boundary of No. 20 S. R. 17 E.
Gila and Salt River Meridian

Chs. West on true line on S. Boundary sec. 34.

var. $141^{\circ} 03'$ East

40.00 Sawi charred stake 19 in. down and build mound of earth 2 ft high with pit 1 ft deep, $2\frac{1}{2}$ ft long, $1\frac{1}{2}$ ft wide, as per instructions for $\frac{1}{4}$ sec. cor.

80.00 In little valley running N. W.

Set a post, marked and notched, 11 ft long, 3 in. sqd. 1 ft in the ground, sawi charred stake and build mound of earth 2 ft high, with pit 1 ft deep, $2\frac{1}{2}$ ft long, $1\frac{1}{2}$ ft wide, as per instructions for standard cor. to sec. 33 and 34, from which

An Oak 9 in. dia. has N. $69^{\circ} \frac{1}{2}'$ E. 147 lvs. dist

do 12 " " " S. $45^{\circ} \frac{1}{2}'$ W. 187 " "

do 16 " " " S. 34° W. 200 " "

do 24 " " " S. $72^{\circ} \frac{1}{2}'$ E. 109 " "

Land rolling, good for storage.

Oak timber on last end.

S. Boundary of T^h. 20 S. R. 17 E.
Gila and Salt River Meridian

hs. ~~West~~ on true line on S. boundary sec. 3.3.
cor. $121^{\circ} 03'$ East

21.00 Enter valley hrs. N. E.

22.00 Leave same.

40.00 Set a post, marked $1\frac{1}{2}$ ft. long, flattened 3 in. wide, 1 ft. in the ground and build mound of stones 2 ft. high as per instructions for these cor. from which

An Oak 14 in. dia. hrs. $S. 83\frac{1}{2}^{\circ} W.$ 64 hrs. dist.

do. 12 " " " $S. 35\frac{1}{2}^{\circ} E.$ 10 " "

80.00 Set a post, marked and notched, 4 ft. long, 3 in. sq. ft. in the ground, driven charred stake and build mound of stones 2 ft. high with pile 1 ft. deep, $2\frac{1}{2}$ ft. long, $1\frac{1}{2}$ ft. wide as per instruction for standard cor. to sec. 32 & 33, from which

An Oak 4 in. dia. hrs. East, 16 hrs. dist.

do 9 " " " $S. 8^{\circ} W.$ 58 " "

do 12 " " " $S. 28\frac{1}{2}^{\circ} W.$ 72 " "

do 18 " " " $S. 21^{\circ} E.$ 67 " "

Land belly. Soil good.
Grass and Oak timber.

S. Boundary of Twp. 20. S. R. 17 E.
Gila and Salt River Meridian

Pro. W. Contine line on S. boundary sec. 32.
cor. $144^{\circ}03'$ East.

40.00 Set apart, marked $1\frac{1}{2}$ ft. long, flat iron 3 in. wide,
1 ft. in the ground, drive charred stake and build a
monument 2 ft. high, with pit 1 ft. deep, $2\frac{1}{2}$ ft. long,
 $1\frac{1}{2}$ ft. wide, as per instructions for "1 sec. cor. from which
An oak 14 in. dia. has S. $70\frac{1}{4}^{\circ}$ E. 308 ls. dist
do. 20 " " S. $60\frac{1}{2}^{\circ}$ E. 306 " "

80.00 Set apart, marked and notched, $\frac{1}{2}$ ft. long, 3 in. sqd.
1 ft. in the ground, drive charred stake and build a
monument 2 ft. high, with pit 1 ft. deep, $2\frac{1}{2}$
ft. long, $1\frac{1}{2}$ ft. wide, for standard cor. to sec.
31 and 32. from which
An oak 4 in. dia. has S. $85\frac{1}{2}^{\circ}$ E. 46 ls. dist
do 15 " " N. $42\frac{1}{4}^{\circ}$ E. 76 " "
do 7 " " N. $89\frac{1}{4}^{\circ}$ W. 68 " "
do 5 " " N. $45\frac{1}{2}^{\circ}$ W. 60 " "

The line crosses a little valley running N.
in which there is some ash. Some oak.
Good grass & Oak timber.

Boundaries of T_p. 20 S. R. 17 E.
Gila and Salt River Meridian

Chs. West on true line on S. boundary sec. 31.
Cor. $114^{\circ}03'$ Ea S

- 14.00 Dry creek 20 ls. wide cor. N. W.
30.00 Dry creek 15 " " " N. W.
35.00 Dry creek 50 " " " N. E.
40.00 An oak tree 4 in. dia. and mark it $\frac{1}{4}$ S.
for $\frac{1}{4}$ sec. cor. from which
An oak 7 in. dia. cor. South 11 ls. dist.
No other trees near
80.00 Set a post, marked and notched, $4\frac{1}{2}$ ft. long,
4 in. sqd. 1 ft in the ground, drive charred stake
and build mound of earth $2\frac{1}{2}$ ft. high with pits
1 ft deep, 3 ft long, $1\frac{1}{2}$ ft wide as per instruction for
Standard cor. to T_p. 20 S. R. 5. 16 and 17 E. from which
An oak 16 in. dia. cor. N. 41° E. 8 ls. dist
do. 20 " " " S. $41\frac{3}{4}^{\circ}$ E. 81 " "
do. 12 " " " N. $80\frac{1}{2}^{\circ}$ W. 126 " "
do. 30 " " " S. $40\frac{3}{4}^{\circ}$ W. 183 " "
Undulating surface. Stony. Good grain.
Oak timber.

S. Boundary of Tp. 20 S. R. 17 E.
Gila and Salt Desert Meridian

General Description

This line extends over smooth
then rolling or undulating land.
Excellent grazing. No heavy
oak timber on W. end.

Theodore F. White
U. S. Deputy Surveyor

— #

Between Tps. 20 S. Rg. 16th 17th E.
Gila and Salt River Meridian

Loc. From the cor. to Tps. 20 S. Rg. 16th 17th E. In the
North between sec. 31 & 36.
cor. 14° 04' East.

As per Solar Compass.

40.00 Stake fast, 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 pit 1 ft deep, 2 flong, 1 ft wide,
as per instructions for 14 sec. cor. from which
An oak 14 in. dia. bas. N. 53° W. 37 lbs. dist.

do. 7 " " " N. 88° W. 32 " "

80.00 Stake fast, marked and notched, 14 flong, 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 flong, 1 ft wide,
as per instructions for cor. to sec. 25, 30, 31 & 36.
An oak 10 in. dia. bas. S. 84¹/₂° W. 122 lbs. dist.

do. 16 " " " N. 60¹/₂° W. 217 " "

do. 20 " " " S. 87¹/₄° E. 238 " "

No other trees near. Sandrolling.
Soil good. Grass & oak timber.

Between Tps. 20 S. Rgs. 16 & 17 E.
Gla and Salt River Meridian

Rs. North between sec. 25 & 30.

or. 114° 01' East

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

80.00 Set a post, marked and notched,
4 ft. long, 3 in. sq. d. 4 ft. in the ground, drive
charred stake and build mound of
earth 2 ft. high, with pits 1 ft. deep,
2 ft. long, 4 ft. wide, as per instruction
for cont. sec. 19. 24. 25 & 30.
No trees near.

Sand rolling. Abundant grass.
Oak timber on S. end.

Between Tps. 20 S. R. 16 E. 17 E.
Gila and Salt River Meridian

Ch. Northw. sec. 19 & 24.

cor. $14^{\circ} 04'$ East

8.00 Road to Santa Cruz Co. S. E.

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

80.00 Set a post, marked and notched,
4 ft long, 3 in. sq. 1 ft in the ground, drill
charred stake and build mound of earth
2 ft high, with pits 1 ft deep, 2 ft long, 1 ft
wide, as per instructions for cor. to
secs. 13, 18, 19 and 24.

No trees near.

Sand rolling; good grass
No timber.

October 9, 1874

Between Tps. 20 S. Rgs. 16 & 17 E.

Gla and Salt River Meridian

Rs. North between sec. 13 & 18.

ca. $14^{\circ}04'$ East

7.00 Road to Crittenden brs. S. W. & N. E.

40.00 Set a granite stone $16 \times 8 \times 6$ inches,
 $\frac{3}{4}$ in the ground, marked "H" and
 on N. side build mound of earth
 2 ft high, with pit 1 ft deep, 2 ft long, 1 ft
 wide, as per instructions for Tps. sec. ca.
 No trees near.

80.00 Set a post, mounded and notched,
 4 ft long, 3 in. sq'd. 1 ft in the ground,
 drive charred stake and build mound
 of earth 2 ft high, with pit 1 ft deep, 2 ft
 long, 1 ft wide, as per instructions for cor-
 to sec. 13, 18, 7 and 12.
 No trees near.

Smooth gently rolling surface.
 Gravelly soil. Good grass.
 No timber.

Between Tps. 20. S. Rgs. 16 & 17 E.
Gland Salt River Neudora

Ln North between 7 & 12.
var. 111° 04' East.

- 40.00 Set a granite stone, $9 \times 8 \times 7$ inches
 $\frac{1}{3}$ in the ground, marked 1/4
 and on N. side build mound of
 earth 2 feet 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. sq. d., 1 ft in the ground,
 drive charred stake and build a
 mound of earth 2 ft high, with
 pit 1 ft deep, 2 ft long, 1 ft wide,
 as per instructions for cor. to sec.
 1, 6, 7 and 12.
 No trees near.
 Land smooth descending E.
 Good grass, No timber.

Between Sps. 20. S. Sp. 16th 17th E. S.
 Island Salt Diver Meridian
 S. North between uses. 1st C.
 var. 144° 04' East.

40.00 Set a post, marked 7/4 S. 14 ft
 long, flattened 3 in. wide, 1 ft
 in the ground, drive charred
 stake and build mound of earth
 2 ft high, with pits 1 ft deep, 2 ft
 long, 1 ft wide, as per instructions
 for 74 sec. cor. No tree 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 stones 2 1/2 ft high,
 as per instructions, for cor. to Sps.
 19 and 20 S. angles 16 and 17 E.
 No trees near.

Broken hilly ground. Soil poor.
 Some grass. A few trees.

Between N. 30 S. 20 E. 16 1/2 1/2 E.
Gila and Salt River Mendocino

Chs General Description

This line extend over a smooth
undulating surface, except on
the extreme N. end.

Good grazing.

Heavy oak on extreme S. end

Theodore F. White
U. S. Deputy Surveyor

Between Tps. 19 & 20 S. R. 17 E.
Gila and Salt River Meridian

From the corner to Tps. 19 and 20 S. ranges
16 and 17 E. From
East.

On random line on N boundary sec. 6. 5. 4. 3. 2. 1.
bear. $144^{\circ} 05'$ East.

As per solar compass.

And at 5 mile and 79.60 chs. I intersect
at a point 42 lrs. N. of cor. to Tps. 19 and 20
Ranges 17 and 18 E.

Therefore the correction will be 40 lrs
N, and 7 lrs. S. per mile and from the
last aforesaid cor. From
N. $89^{\circ} 57'$ W.

On true line between sec. 1 and 36.
bear. $144^{\circ} 05'$ East

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

Between Tps. 19th 20th S. R. 17th E.
 Gila and Salt River Meridian

Chs. for 14 sec. cor. from which
 An Oak 9 in. dia. br. S. $20^{\circ} 34'$ E. 218 lbs. dist.
 do. 5 " " " S. $7^{\circ} 14'$ W. 131 " "

80.00 Set a post, marked and notched,
 4 ft long, 3 in. sq. d. 1 ft in the
 ground, drive charred stake
 and build mound of earth
 2 ft high, with pit 1 ft deep, 2
 ft long, 1 ft wide, as per in-
 structions, for cor. to secs.
 1, 2, 35 and 36.

No trees near.
 Sand rolling hills.
 Soil good for grass.
 Scattering Oak trees.

Between Tps. 19 & 20 S. R. 17 E
Gila and Salt River Meridian

Sec. 189° 57' W.

On line between sec. 2 & 35.

ac x. 14° 05' East

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

80.00 Set a post, marked and notched, 4 ft long, 3 in. sqd, 1 ft in the ground, drive charrrelax 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 and 35.

No trees near.

Land rolling hills. Soil stony.

Good grass. Some oak trees.

Between Tps. 19 & 20 S. R. 17 E.
Gila and Salt River Meridian.

Sec. N. 89° 57' W.

On true line between secs. 3 & 34.

or. 121° 05' East

- 5.00 Clear valley.
- 40.00 Set a post, marked "4 S. 4 ft long, flattened 3 in. wide, 1 ft in the ground, drive charred stake and build mound south 2 ft high, with pit 1 ft deep, 2 ft long, 1 ft wide, as per instructions for "4 sec. cor. No trees near.
- 80.00 Set a post, marked and notched, 4 ft long, 3 in. sq'd, 1 ft in the ground, drive charred stake and build mound south 2 ft high, with pit 1 ft deep, 2 ft long, 1 ft wide, as per instructions, for cor. to secs. 34, 33 and 34. No trees near. Sand rolling hills. Soil stony. Good grass. No timber.

Between Tps. 19 & 20 S. R. 17 E. E.
 Gila and Salt River Meridian

Tps. N. 89° 57' W.

On true line between sec. 4 & 33
 and 14° 05' East

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

80.00 Set a post, marked and notched, 4 ft
 long, 3 in sqd, 1 ft in the ground, drive
 charred stake and build mound of earth
 2 ft high, with pits 1 ft deep, 2 ft
 long, 1 ft wide, as per instructions
 for cor. to sec. 4, 5, 37 & 33.
 No trees near.
 Sand rolling. Soil good for grass.
 No timber.

Between Nos. 19 & 20 S. R. 17 E.
Gila and Salt River Meridian

No. N. 89° 57' W.

Continue line between secs. 5 & 32.
or a. 114° 05' East

- 31.00 Second long hill
- " 40.00 Remote from stone and timber.
Drive charred stake and build
mound of earth 2 ft high, with
pits 1 ft deep, 2 ft long, 1 ft wide, as
per instructions for "4 sec. cor.
- 80.00 Set a post, marked and matched,
8. 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 5,
6, 31 and 32. No trees near.
Land mostly flat
Soil good for grass.
No timber.

Between Tps. 19th & 20th S. R. 17th E.
 Tla and Salt River Mountain

Sec. 189th W.

Outline line between secs. 6 & 31.

or. 144°05' East.

- 20.00 Leave plain, and ascend hill
 31.00 Road from Tucson to Catterden
 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.
 79.60 The cor. to Tps. 19 and 20 S. Range
 16 and 17 E.

Land rolling and flat
 Soil good for grass.
 No timber.

October 10. 1874

Between Tps. 19 & 20 S. R. 17 E.
Gila and Salt River Mexican
hs. General Description

This line passes over a rolling
surface of excellent grass
land. Soil is gravelly.
No timber of any consequence.

Theodore F. White
U.S. Deputy Surveyor

Between Tps. 19 S. R. 16 E. &
Gila and Salt River Mendocino

From Sec. 31 to Tps. 19 S. R. 16 E. From
North between secs. 31 & 36.
ans. $13^{\circ}59'$ East

As per Salaz. Compass.

- 19.00 Enter valley bcs. E.
27.00 Dry wash 200 yds. wide, bcs. S. of E.
40.00 Set a post, marked $\frac{1}{4}$ S. $\frac{1}{4}$ fl. 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.
40.50 Road to saw mill bcs. E. & W. & leave valley.
80.00 Set a post, marked $\frac{1}{4}$ notched, $\frac{1}{4}$ fl. long, 3 in. 5 ft.,
1 ft. in the ground, drive charred stake and
build mound of earth 2 ft. high with
pits 1 ft. deep, 2 ft. long, 1 ft. wide, as per instruc-
tion for cor. to secs. 25, 30, 31 and 36.
Land rolling and hilly. Soil stony.
Good grass.

Between Tps. 19 S. R. 16 E. 1st E.
Gila and Salt River Meridian

No. North between secs. 19 & 24.
var. 13° 59' East

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

80.00 Set a post, marked and notched,
4 ft long, 3 in. sq'd. 1 ft in the ground
drive charred stake and build
mound of earth 2 ft high, with
pit 1 ft deep, 2 ft long, 1 ft wide,
as per instructions for cor. to
secs. 13, 18, 19 and 24.

No trees near.
Land rolling. Soil good.
Grass and some oak trees.

Between Tps 19 S & 20 S. 16th & 17th E.
 Seta and Salt River Mendocino

Cor. North between secs. 13th & 18th,
 ans. 13° 59' East

40.00 Seta post, marked 4 ft 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.

52.00 Enter valley in which is Little Canoga,
 Fish's ranch.

71.00 Leave valley hrs. E.

80.00 Seta post, marked and notched, 4 ft
 long, 3 in. sq. d. 1 ft in the ground, drive
 charred stake and build mound of
 earth 2 ft high, with pit 1 ft deep, 2 ft
 long, 1 ft wide, as per instructions for
 cor. to secs. 7, 12, 13th & 18. No trees near.
 Land rolling. Soil good for grass.
 No timber.

Between Tps. 19 S. R. 16 E. & E.
 Gila and Salt River Mendocino
 Co. North between sec. 7 & 12.
 cor. 13° 59' East

40.00 Set apart, marked $\frac{1}{4}$ S. $\frac{1}{4}$ E. 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 these cor.

No trees near.

60.00 Enter valley bet. E.

76.00 Road from Tucson to Citterden bet. N. W. & S. E.

80.00 Set apart, marked and notched, $\frac{1}{4}$ E. 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 in-
 structions for cor. to sec. 16, 7 & 12, from which
 an oak, 18 in. dia. bet. S. 87 $\frac{1}{2}$ W. 460 lbs. dist
 No other trees near.
 Land rolling. Soil good for grass.
 No timber.

Between Tps. 19 S. Rgs. 16 & 17 E.
 Glauco Salt River Meridian
 to Northwestern corner. 1 & 6.
 or a. 13° 59' East.

- 2.00 Valley hrs. E.
 40.00 Set apart, marked by S. 4 ft long, flattened 3 in.
 wide, 4 ft in the ground, drive charred stakes
 and build mound of earth 2 ft. high with
 pits 1 ft deep, 2 ft. long, 1 ft. wide, as per in-
 structions for these cor. No trees near.
 62.00 Lateral valley, hrs. N. of E. and base hill
 64.00 Dry wash, 30 hrs. wide, hrs. N. of E.
 71.00 Lateral valley, hrs. N. of E.
 80.00 Set apart, marked and notched 4 ft long,
 4 in. sq'd. 4 ft in the ground, drive charred
 stakes and build mound of earth 2 ft high
 with pits 1 ft deep, 2 ft long, 1 1/2 ft wide, as
 per instructions for cor. to Tps. 18 and 19
 S. Rgs. 16 & 17 E. No trees near.
 Land hilly and rolling. Soil good for
 grass. Some oak timber.

October 19, 1874

Between Tps. 19 S. & 20 N. 16 E. & 17 E.
Tula and Salt River Meridian
L. General Description

This line passes over rolling
land, affording excellent
grazing. Soil gravelly.
No timber of any consequence.

Theodore H. White
U.S. Deputy Surveyor

Between Tps. 18 & 19 S. R. 17 E.
Gila and Salt River Meridian

hs. From the cor. to Tps. 18 and 19 S.
ranges 16 and 17 E. Run
East.

On a random line on N. boundary of
secs. 6, 5, 4, 3, 2 and 1.

var. 14° East

As per Brutsen's improved solar compass.
And at 5 miles and 79.80 chs. I
intersect at a point 56 ls. S. & cor.
to Tps. 18 and 19 S. range $17\frac{1}{2}$ 18 E.
Therefore the correction will be
20 ls. N. and 9 ls. N. per mile, and
from the last aforesaid cor. Run
S. $89^{\circ}56'$ W.

On line between secs 1 & 36.

var. 14° East

13.00 Prairie hrs. N. W.

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

Between T^h 18 & 19 S. R. 17 E.
Gila and Salt River Meridian

Stake and build mound of
stones 2 ft high as per instructions
for 1/4 sec. cor.

No trees near.

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

No trees near.

Land rolling hills

Soil good for grass.

No timber.

Between Sps. 18 & 19 S. R. 17 E.
 Gila and Salt River Meridian
 to S. 89° 56' W.

On line between secs. 2 & 35.
 on a. 14° 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 14 sec. cor. No trees near.

61.00 Old road bws. N. and S.

62.00 Enter Cucuiga valley, bws. E. of N.

80.00 Set a post, marked and notched, 4 ft. long,
 3 in. sq'd, 1 ft. in the ground, drive charred
 stake and build mound of earth 2 ft. high
 with pit 1 ft. deep, 2 ft. long, 1 ft. wide, as per in-
 structions for cor. to secs. 2, 3, 34 & 35, from which
 a Hackberry, 3 in. dia. bws. N. 13½° W. 292 yds. dist
 to other trees near.
 Land rolling, then level. Soil & strata in valley.
 Excellent grazing.

Between Nos 18 & 19 S. Dry &
Gila and Salt Dunes. Maclean

No. S. 89° 56' W.

Outline line between secs. 3rd & 34.
on a 14° East.

- 13.00 Creek in Cucuiga Valley, 100 yds. wide, hrs. N. E.
40.00 Set a post, marked "11 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 1/2 sec. cor. No trees near.
43.00 Leave valley hrs N. 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 pit 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, then rolling. Good soil
in valley. Fine grass. No timber.

Between Nos. 18 & 19 S. R. 17 E.
Gila and Salt River Meridian
No. S. 89° 56' W.

On true line between secs 4 & 33.
var. 1st East

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

80.00 Set a granite stone $9 \times 9 \times 8$ in. $\frac{2}{3}$
in the ground, scribed E. and W.
and build mound of earth on
W. side, 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 and 33. No trees near.
Land rolling. Soil good for grass.
No timber.

Between Nos. 18th 19th S. D. 17th E.
Gila and Salt River Meridian

No. S. 89° 56' W.

On true line between secs. 5 & 32.
var. 14° East.

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

50.00 Set a post, marked and notched, 4 ft. long, 3 in. sq'd. 1 ft. in the ground, drive charred stake and build mound of earth 2 ft. high, with pits 1 ft. deep, 2 ft. long, 1 ft. wide, as per instructions, for cor. to secs. 5, 6, 31 and 32, from which
An oak 9 in. dia. lvs. S. 86 $\frac{3}{4}$ ° E. 168 ft. dist
do. 6 " " S. 42 $\frac{1}{4}$ ° E. 186 " "

No other trees near.

Land rolling. Soil good for grain.
A few oak trees.

Between Tps. 18 & 19 S. R. 17 E.
Gila and Salt Rivers, Maricopa

S. 89° 56' W

Ontario line between sec. 6 & 31.
cor. 124° East.

- 17.00 Enter valley running N. of E.
31.00 Dry creek 50 yds. wide, runs N. of E.
37.00 Leave valley, runs N. of E.
40.00 Set a post, marked 1/4 S. 4 ft
long flattened 3 in. wide, 1 ft in the
ground, drive charred stakes and
build mound of earth 2 ft high,
with pits 1 ft deep, 2 ft long, 1 ft
wide, as per instructions for 1/4
sec. cor. No trees near.
79.80 Cor. to Tps. 18 & 19 S. R. 16 & 17 E.
Sand rolling, and stony.
Soil good for grass.
Some oak timber in valley S.
of line.

October 20, 1874

Between Tps. 18 and 19 S. R. 17 E.
Gila and Salt River Meridian

Sec. General Description

This line extends over rolling
hills, affording excellent
grazing.

There is but little timber in
the vicinity.

Theodore F. White
U.S. Deputy Surveyor.

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

From the cor. to Tps. 19 & 20 S. R. 16 & 17 E. Run
W. 1/2 m. line bet. secs. 1 and 36.

var. $14^{\circ}03'$ East

As per Solar Compass.

40.00 Set a post, marked $1\frac{1}{2}$ ft. long, flat
tand 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 these cor. No trees near.

80.00 Set a post, marked and notched, 1 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 in-
structions, for cor. to secs. 1, 2, 35 & 36.
from which

An oak 4 in. dia. bas. S. $56\frac{1}{4}^{\circ}$ E. 126 lbs. dist.
No other trees near.

Sand rolling and somewhat broken.
Good grass and some oak timber.

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

Chs. Westmonte line between secs. 2 & 35.
cor. $114^{\circ}0.3'$ East.

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

31.00 Dry stream, 60 " " " N. of E.

36.00 Road to Saw Mill, cor. S. of N. and N. of E.

40.00 Set post, marked $\frac{1}{4}$ S. $\frac{1}{2}$ E. 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, 3 ft. long, 1 ft. wide, as per instructions
for "4 sec. cor. from which

A Parasit tree 3 in. dia. cor. N. 63° E. 223 lbs. dist
do. 5 " " " S. 61° W. 389 " "

80.00 Marked and notched a black oak tree,
8 in. dia. for cor. to secs. 2, 3, 34 & 35, from which
An oak 8 in. dia. cor. N. $80\frac{1}{2}^{\circ}$ E. 84 lbs. dist
do. 12 " " " N. 48° E. 85 " "
do. 10 " " " N. $12\frac{1}{4}^{\circ}$ W. 89 " "

No other trees near.

Land rolling and barren. Good grass.
Considerable oak timber.

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

Trs. West on true line between sec. 3 & 34.
as. $114^{\circ} 03'$ East.

37.00 Bluff crs. N. E.

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 pit 1 ft deep, 2 ft long, 1 ft wide, as per in-
structions for these cor. from which
An oak 12 in. dia. crs. S. $53\frac{3}{4}^{\circ}$ E. 219 lbs. dist
do. 12 " " " N. $25\frac{1}{2}^{\circ}$ E. 193 " "

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 sec.
3, 4, 33 and 34, from which
An oak 7 in. dia. crs. S. $21\frac{1}{4}^{\circ}$ W. 65 lbs. dist
do. 15 " " " S. $43\frac{1}{4}^{\circ}$ E. 120 " "
do. 11 " " " S. 77° E. 92 " "

Land very broken along cañon running
along S. 4 ft line. Oak timber.

Between Nos. 19 & 20 S. R. 16 E.
Tila and Salt River Meridian

Chs. Valentine line between sees. 4 & 33
on s. 14° 03' East.

40.00 Set a post marked $\frac{1}{4}$ S. 4 ft long, flattened
3 in. wide, 1 ft in the ground, drive charred
stake and build mound of earth 2 ft high,
with pits 1 ft deep, 2 ft long, 1 ft wide as
per instruction for $\frac{1}{4}$ sec. cor. from which
An oak 8 in. dia. brs. S. 5 $\frac{1}{4}$ ° E. 334 brs. dist
No other trees near.

80.00 Set a post marked & notched, 4 ft long, 3 in. sq ft.
1 ft in the ground, drive charred stake and build
mound of stones 2 ft high, for cor. to sees.
4, 5, 32 and 33. from which
An oak 9 in. dia. brs. N. 28 $\frac{1}{4}$ ° E. 150 brs. dist
do. 10 " " " S. 30 $\frac{3}{4}$ ° E. 226 " "
do. 7 " " " N. 87 $\frac{3}{4}$ ° W. 373 " "
No other trees near.

Sand hilly, broken and rocky.
Good grass. Oak timber.

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

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

var. 114° 03' 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 of earth 2 ft high with
pile 1 ft deep, 2 ft long, 1 ft wide, as per instruc-
tions for 14 sec. cor. from which
An Oak 9 in. dia. br. N. 82½° E. 92 lbs. dist.

do 6 " " " N. 16° W. 51 " "

80.00 Set apart, 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 sec. 5, 6, 31 and 32, from which

An oak 16 in. dia. br. S. 84½° E. 165 lbs. dist

do 6 " " " N. 67° E. 110 " "

do 10 " " " N. 27¾° E. 124 " "

do 10 " " " N. 56° W. 166 " "

Sand shelly and stony. Encl. Oak timber.

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

Gila and Salt River Meridian

Westmonte line between Secs. 6 & 31.
as. 144° 03' East

Descend into big canon bet. N. & E.

40.00 Set a post, marked $\frac{1}{4}$ S. $1\frac{1}{2}$ ft long, flattened 3 in. wide, 1 ft
into the ground, drove charred stake and built mound of stones
2 ft high, as per instruction, for $\frac{1}{4}$ sec. cor. from which
An oak 14 in. dia. bet. N. 34° 42' W. 90 lbs. dist

do 15 " " " S. 46° 14' 50 " "

79.56 ^{adjusting for convergence} Set a post, marked and notched, $4\frac{1}{2}$ ft long, 4 in. sq. 1 ft
into the ground, drove charred stake and built mound
of stones 2 $\frac{1}{2}$ ft high ^{as per instruction} for cor. to Tps. 19 & 20 S. range
15 & 16 E. from which

An oak 13 in. dia. bet. N. 28° E. 91 lbs. dist

do 8 " " " N. 48° 34' W. 119 " "

do 10 " " " N. 53° 12' W. 104 " "

do 8 " " " S. 54° 12' W. 74 " "

Sand high hills. Abundant grass.
Oak timber.

Between Tps. 19th 20th S. R. 16 E.
Gila & Salt River Meridian

General Description

This line extends over first, rolling
then hilly and broken ground and
lastly over high hills.

There is much grass along
the whole line.

Heavy oak timber on W. end.

Theodore F. White
U. S. Deputy Surveyor

Between Tps. 19 S. Rps. 15 & 16 E.
Gila and Salt River Meridian

Sec. from the cor. to Tps. 19 & 20 S. Rps. 15 & 16 E. from
North between secs. 31 & 36.
var. 14° 58' East

As per solar Compass.

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 stones 2 ft. high, with pits 1 ft. deep, 2 ft. long, 1 ft. wide, as
per instructions for 1/4 sec. cor. from which

An oak 3 in. dia. brs. S. 43° W. 42 lbs. dist

do. 14 " " " S. 41 1/4° E. 28 " "

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 stones 2 ft. high, as per in-
structions for cor. to secs. 25, 30, 31 and 36 from which

An oak 10 in. dia. brs. N. 83 1/2° E. 34 lbs. dist

do. 7 " " " N. 50 1/2° W. 29 " "

do. 4 " " " S. 41° W. 30 " "

do. 14 " " " S. 2° W. 144 " "

Sand high hills. Abundant grass.

Oak timber.

Between Tps. 19 S Rgs. 15th & 16 East.
Gila and Salt River Meridian

Chr. North between secs. 25 & 30.

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

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

An oak 7 in. dia. brs. S. 65° W. 37 brs. dist.

do 8 " " " N. $49\frac{1}{2}^{\circ}$ W. 35 " "

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 stones 3 ft high as per
instruction for cor. to secs. 19. 24. 25 & 30.
from which

An oak 16 in. dia. brs. S. $14\frac{3}{4}^{\circ}$ E. 131 brs. dist.

do 10 " " " S. $10\frac{3}{4}^{\circ}$ W. 141 " "

do 16 " " " N. $64\frac{1}{2}^{\circ}$ E. 60 " "

do 8 " " " N. $80\frac{1}{2}^{\circ}$ E. 110 " "

Sand hilly and stony. Oak timber.
Considerable grass.

Between Tps. 19 S. Rgs. 15 & 16 E.
Gila and Salt River Meridian

Chs. North between secs. 19 & 24
cor. $111^{\circ}58'$ East

40.00 Alongside gulets running S. then S.E.
Set a post, marked $\frac{1}{4}$ S. 4 ft long, flattened 3
in wide, 1 ft in the ground, drive charred
laxwood build mound of stones 2 ft high,
as per instructions for $\frac{1}{4}$ sec. cor. from which
An Oak 11 in. dia. hrs. N. 33° E. 9 lbs. dist
do 6 " " S. 12° E. 50 " "

44.00 Arroyo 40 hrs. wide, hrs. S.E.

74.00 Arroyo 50 " " S.E.

50.00 On N.E. slope, overlooking valley hrs. E.

Set a post, marked & notched, 4 ft long, 3 in. sq. d. 1 ft
in the ground, drive charred laxwood build mound
of stones 2 ft high, as per instructions for
cor. to secs. 13, 18, 19 and 24 from which
An Oak 8 in. dia. hrs. North 9 lbs. dist
do 9 " " " N. 39° W. 59 lbs. dist
do 7 " " " S. $50\frac{1}{2}^{\circ}$ W. 49 " "
do 7 " " " S. $15\frac{1}{2}^{\circ}$ W. 45 " "

Land high and very hilly. Good grass.

Oak timber. October 28, 1874

Between Tps. 19 S. R. 15 E. 16 E.
 Grant Salt River Meridian
 Ls. North between sec. 13 & 18.

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

21.00 Arroyo 50 lbs. wide, lbs. N. E.

40.00 Set a post, marked $4\frac{1}{2}$ ft. long, flattened 3 in.
 wide, 1 ft. in the ground, drive charred stake and build
 mound of earth 2 ft. high, with pit 1 ft. deep, 2 ft. long,
 1 ft. wide, as per instructions for 4 sec. cor. from which
 An oak 13 in. dia. brs. S. $10\frac{1}{2}^{\circ}$ W. 84 lbs. dist.
 do. 11 " " " N. $44\frac{1}{2}^{\circ}$ W. 56 " "

80.00 Set a post, marked & notched, $4\frac{1}{2}$ 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. trees. 7, 12, 13 & 18 from which
 An oak 14 in. dia. brs. S. 80° W. 22 lbs. dist.

do. 3 " " " S. $22\frac{1}{4}^{\circ}$ W. 64 " "

do. 12 " " " S. 23° E. 60 " "

do. 20 " " " S. 56° E. 98 " "

Sand hilly and stony.
 Soil good for grass. Oak timber.

Between Tps. 19 S. Rgs. 15 & 16 E.
Gila and Salt River Mexican

Sec. North between secs. 7 & 12
Cor. 14° 58' East.

40.00 Set a post marked W. S. 1/4 fl. long, flattened
inward, 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 W
sec. cor. from which

A spruce 15 in. dia. brs. S. 15 1/4° W. 10 lvs. dist.

do. 20 " " " S. 36° E. 20 " "

80.00 Set a post, marked & notched, 4 ft long, 3 in. sqd.,
1 ft in the ground, drive charred stake and build
mound of earth 3 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. from which

An oak 12 in. dia. brs. S. 9 1/2° W. 16 7 lvs. dist.

do 16 " " " S. 26 3/4° E. 33 4 " "

do 20 " " " N. 45 1/4° W. 21 5 " "

Land very hilly. Some grass and oak timber.
Drainage commences to run W. through moun-
tains.

Between N. 19 S. Rgs. 15 & 16 E.
Gila and Salt River Meridian
Ls. North between secs. 1 & 6.

var. 14° 58' East

40.00 Set a post, marked L.S. 4 ft. long, flattened 3
in. wide, 1 ft. in the ground, drive charred stakes
and build mound of stones 2 ft. high, as per
instructions, for 1/4 sec. cor. from which
An oak 6 in. dia. hrs. S. 44° E. 176 lks. dist.
do. 10 " " S. 18 1/2° W. 200 " "

80.00 Set a post, marked & notched, 4 1/2 ft. long, 4 in.
sq'd. 1 ft. in the ground, drive charred stakes and
build mound of stones 2 1/2 ft. high, as per in-
structions, for cor. to Twp. 18 and 19 S. Rgs.
15 & 16 E. from which

An oak, 14 in. dia. hrs. S. 42 1/4° W. 381 lks. dist.
do 4 " " N. 6 1/4° W. 185 " "
do 14 " " N. 0 1/2° E. 191 " "
do 6 " " N. 18° E. 212 " "

Land high hills and stony Grass
and oak timber

Between Tps. 19 S. Rps. 15 & 16 E.
Gila and Salt River Meridian
No. General Description

This line extends over high hills,
foothills of the Santa Rita moun-
tains. The soil is stony but
there is much grass and oak
timber.

Theodore F. White
U.S. Deputy Surveyor

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

Ln. From the corner to Township
18 and 19 S. ranges 15 and 16.
E. From
East

On a line along N. boundary
of sec. 6, 5, 4, 3, 2 and 1.

var. $13^{\circ}52'$ East

As per solar Compass.

And at 5 miles and 79.62 chs.

Intersect at a point 70 chs. S. of
cor. to Tps. 18 and 19 S. ranges 16 and
17 E.

Therefore the correction will be 38 chs.

N. and 11 3/4 chs. N. per mile, and from the
cor. of Tps. 18 & 19 S. R. 16 & 17 E. From
S. $89^{\circ}55'$ N.

On line between sec. 1 and 36,

var. $13^{\circ}52'$ East

18.00 Average 20 chs. wide, flows S. E.

40.00 Salt flat, marked by S. 4 ft. long,

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

St. flattened 3 in. wide, 1 ft in the ground
drive charred stake and build a
mound of stones 2 ft high,
as per instructions, for the sec. cor.
from which

A mesquite 7 in dia. hrs. N. $23\frac{1}{4}^{\circ}$ W. 26 hrs. dist.
No other trees near.

63.00 Arroyo 50 hrs. wide, flows S. E.

64.00 Road to Sanfords hrs. S. E.

80.00 Sclapost, 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 4 ft dia., 2 ft long, 4 ft wide, as per in-
structions for cor. to Secs. 1, 2, 35 & 36, from which
An oak, 12 in dia. hrs. S. $12\frac{1}{4}^{\circ}$ E. 222 hrs. dist.

do 6 " " " S. 27° E. 214 " "

do 3 " " " N. $4\frac{1}{4}^{\circ}$ W. 109 " "

do 8 " " " N. 26° W. 103 " "

Sand smooth rolling hills. Valley extends along
to S. Goodgroves. Oak timber

Between Tps. 18 & 19 S. R. 16 E.
Gila and Salt River Meridian
S. $89^{\circ}53'$ W.

On true line between secs. 2 & 35.
cor. $13^{\circ}52'$ East

2.00 Old road cor. S. W.

8.00 Road to Crittenden from Tucson, cor. N. W.

40.00 Set a post, marked $1\frac{1}{4}$ S. 44° E. long, flattened 3 in.
wide, 1 ft in the ground, drive charred stake
and build mound of stones 2 ft high, as per in-
structions for $\frac{1}{4}$ sec. cor. from which

An oak 12 in. dia. cor. N. $38^{\circ}\frac{3}{4}'$ W. 31 lbs. dist.

do. 8 " " S. $21^{\circ}\frac{1}{4}'$ E. 50 " "

80.00 Set a post, marked and notched, $1\frac{1}{4}$ ft long, 3 in. sq. h.
1 ft in the ground, drive charred stake and build a
mound of stones 2 ft high, as per instructions for
cor. to secs. 2, 3, 34 and 35. from which

An oak, 5 in. dia. cor. S. $67^{\circ}\frac{1}{4}'$ W. 225 lbs. dist.

do. 13 " " S. 55° W. 178 " "

No other trees near. Sand rolling hills.
Good grass. Some oak timber.

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

Sec. S. 89° 55' W.

On true line between secs. 3 & 34.
var. 13° 52' East.

40.00 Set a post, marked 14 S. 4 ft long, flattened 3 in.
wide, 4 ft in the ground, drive charred stake and
build mound of stones 2 ft high, as per in-
structions for 14 sec. cor. from which
An Oak 12 in. dia. bes. N. 41½° E. 20 lbs. dist
do. 8 " " S. 21¾° W. 101 " "

80.00 Set a post, marked and notched, 4 ft long,
3 in. sq. 4 ft in the ground, drive charred
stake and build mound of earth 2 ft high
with pit 1 ft deep, 2 ft long, 1 ft wide, as per in-
structions for cor. to secs. 3, 4, 33 & 34, from which
An Oak 8 in. dia. bes. S. 4¼° W. 119 lbs. dist
do. 12 " " S. 24° E. 69 " "
do. 7 " " S. 88¾° E. 124 " "
do. 3 " " N. 60° E. 59 " "

Land high rolling hills. Soil good for
grass. Oak timber.

Between Tps. 18 & 19 S. R. 16 E.
Gila and Salt River Meridian
Sec. 33. S. 89° 55' W.

Outline line between sec. 34 & 33.

or. 13° 52' East

40.00 Setapost, marked $\frac{1}{4}$ S. 4 ft long, flattened
3 in. wide, 1 ft in the ground, drove charred
stave and build mound of earth 2 ft high
with pit 1 ft deep, 2 ft long, 1 ft wide, as per
instructions for the sec. cor. from which
An Oak 8 in. dia. brs. N. 83 $\frac{1}{4}$ ° E. 114 lbs. dist.

do. 4 " " " S. 49 $\frac{1}{4}$ ° W. 34 " "

80.00 Setapost, marked and notched, 4 ft long, 3 in. sqt.
1 ft in the ground, drove charred stave and build
mound of earth 3 ft high, with pit 1 ft deep, 2
ft long, 1 ft wide, as per instructions for corner
to sec. 34, 35, 32 and 33 from which
An Oak 12 in. dia. brs. N. 43 $\frac{1}{4}$ ° E. 146 lbs. dist.

do 10 " " " S. 87 $\frac{3}{4}$ ° E. 181 " "

do 12 " " " S. 57 $\frac{3}{4}$ ° E. 202 " "

do 13 " " " S. 1 $\frac{1}{2}$ ° E. 225 " "

Land high hills and broken. Grass, and oak timber.

Between Tps 18 & 19 S. R. 16 E.
Gila and Salt River Meridian
Ls. S. 89° 55' W.

Continue line between secs. 5 & 32
and 13° 53' East

40.00 Set a post, marked 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, 3 ft long, 1 ft wide, as per instructions for these cor. from which
An Oak 10 in. dia. brs. S. 61° E. 160 lbs. dist
do. 6 " " S. 18 3/4° W. 157 "

78.00 Across 40 lbs. wide, name N. W.

80.00 In little lateral valley, running N. 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 pile 1 ft deep, 2 ft long, 1 ft wide, as per
instructions for cor. to secs. 5, 6, 31 & 32. from which
An Oak 12 in. dia. brs. N. 15° E. 232 lbs. dist
do. 15 " " " N. 7° W. 59 " "
do. 12 " " " S. 7° E. 122 " "
do. 14 " " " S. 25 1/4° W. 282 " "

Land, successive of high ridges bearing N.
Some grass and Oak timber.

Between Tps. 18 & 19 S. R. 16 E.
 Gila and Salt River Meridian
 L. S. 89° 55' W.

Antennae line between sec. 6 & 31,
 var. 13° 57' East.

40.00 Site a fossil, marked 1/4 S. & 1/4
 ft. long, flattened 3 in. wide,
 1 ft. in the ground, dense charred
 stone and built mound of
 stones 2 ft. high, as per instruc-
 tions, for these cor. from which
 An Oak 10 in. dia. base, N. 7° W. 59 lbs. dist.
 do. 3. " " N. 24 1/2° E. 77 "

79.62 Cor. to Tps. 18 & 19 S. R. 15 & 16 E.

Land over high ridges, trending S.E.
 Soil rocky.

Some Oak timber.

October 29. 1874

Between Apr. 18 & 19 S. R. 16 E.
Gila and Salt River Meridian

No. General Description

This line extends over rolling
hills, then high and rocky.
Considerable grass, and much
oak timber on W. end.

Theodore F. White
U.S. Deputy Surveyor

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

Ths. From the cor. to Tps. 18 & 19 S. Rps. 16 & 17 E. Corner
North between secs. 31 & 36.
var. $14^{\circ} 03'$ East

As per solar Compass.

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

64.00 Descend into big depression; draining towards E. & N. W.

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 stones 2 ft high as per in-
struction for cor. to secs. 25, 30, 31 and 36,
from which

Ajuniper 8 in dia. (var. N. $82\frac{1}{2}^{\circ}$ E. 36 lbs. dist

do 10 " " " S. $72\frac{1}{4}^{\circ}$ E. 167 " "

No other trees near.

Land high hills and stony.

Soil good for grass. Some trees.

Between Tps 18 S. Rgs. 16 & 17 E.
 Gila and Salt River Meridian
 No. North between sec. 25 & 30.
 or. $14^{\circ} 03'$ East.

- 23.00 Arroyo 20 lks. wide, runs S. E.
 40.00 Set a post, marked $\frac{1}{4}$ ft. long, flattened
 3 in. wide, 1 ft. in the ground, drive charred stakes
 and build mound of stones 2 ft. high, as per
 instructions, for $\frac{1}{4}$ sec. cor. from which
 A Juniper 30 in. dia. br. S $13\frac{1}{4}^{\circ}$ E. 71 lks. dist
 do. 8 " " " S $46\frac{3}{4}^{\circ}$ E. 124 " "
 43.00 Arroyo 30 lks. wide, brs. S. E.
 80.00 Set a post, marked and notched 1 ft. long,
 3 in. sq. ft. 1 ft. in the ground, drive charred
 stakes and build mound of stones 2 ft.
 high, as per instructions for cor. to sec.
 19, 24, 25 and 30 from which
 A mesquite 6 in. dia. br. N. $49\frac{1}{2}^{\circ}$ E. 229 lks. dist
 No other trees near.
 Sand stony hills. Soil poor.
 Some grass and Juniper trees.

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

Sec. North between secs. 19 & 24
var. 14° 13' East.

40.00 Set a post, marked $\frac{1}{4}$ S. 4 ft. long, flattened 3
in. wide, 1 ft. in the ground, drive charred
stakes and build mound of earth 2 ft. high,
with pits 1 ft. deep, 2 ft. long, 1 ft. wide, as per
instructions, for $\frac{1}{4}$ sec. cor. from which
A Vinorania tree 5 in. dia. has. N. 50° W. 120 in. dist.

do. 7 " " " N. 87° W. 117 " "

80.00 A short distance S. of limestone bluff.
Set a post, marked and notched
4 ft. long, 3 in. sq'd. 1 ft. in the
ground, drive charred stakes
and build mound of stones 2 ft.
high as per instructions, for cor.
to secs. 13, 18, 19 and 24.
No trees near.

Land very hilly and rocky.
Soil poor, some grass and trees.

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

Sec. North between sec. 13 & 18
cor. $14^{\circ} 03'$ East

- 2.00 Bluff of limestone.
- 40.00 Set a limestone, $14 \times 8 \times 6$ inches, $\frac{2}{3}$
in the ground, marked $\frac{1}{4}$ and
on N. side build a mound of stones
2 ft high as per instructions for $\frac{1}{4}$
sec. cor. No trees near.
- 48.00 Top of mountain and descend.
- 52.00 Bluff.
- 65.00 Descend into Cañon, cor. N. W.
- 80.00 Set a limestone $20 \times 6 \times 6$ inches,
 $\frac{3}{4}$ in the ground, marked S. and
N. and on N. side build mound
of stones 2 ft high, as per instruc-
tions, for cor. to sec. 7, 12, 13
and 18. No trees near.
Land mountainous and rocky.
Soil worthless.

Between Tps. 18 S. R. 16 E. 17 E.
Gila and Salt River Indian

to North betacunas. $7\frac{1}{2}$ 12.
and $14^{\circ}03'$ East.

20.00 Descend into valley, leading into
Davidson's cañon, brs. N. W.

40.00 Set a limestone, $12 \times 8 \times 5$ inches,
 $\frac{2}{3}$ in the ground, marked 14,
and on N. side, build mound
of stones 2 ft high as per in-
structions, for 14 sec. cor.

No trees near.

58.00 Rocky arroyo, 50 lbs. wide, brs. N. W.

80.00 Set a flag, marked and notched, 4
ft. long, 3 in. sq. d. $\frac{1}{2}$ ft in the ground, drive
charred stake and build mound
of stones 2 ft high, as per in-
structions for cor. to sec. 1, 6,
7 and 12. No trees near.

Land barren and rocky. Soil poor.
No timber. Davidson's cañon extends
along to W. of line.

Between Tps. 18 S. Rps. 16³/₄ E.
 Gila and Salt River Meridian
 Ls. North between secs. 1⁴/₂ C.
 cor. 114° 03' East

22.00 Arroyo 20 lbs. wide, hrs. N. W.

40.00 Set a Limestone, 10 x 8 x 8 inches, ²/₃
 in the ground, marked ¹/₄,
 and on N. side build mound
 of stones as per instructions for
¹/₄ sec. cor. No trees near.

80.00 Set a Limestone 12 x 8 x 8 in. ²/₃ in the ground,
 notched on S. W. E. & N. edges, and on N. side build
 mound as per instructions, for cor. to Tps. 17³/₄ S.
 ranges 16³/₄ E. from which

A mesquite 3 in. dia. hrs. S. 84¹/₄° W. 93 lbs. dist

do. 9 " " " N. 2¹/₄° E. 164 " "

do 12 " " " N. 23³/₄° E. 200 " "

A Pale Verde 4 " " S. 6¹/₂° E. 111 " "

Land broken then smoother. Some grass.
 Scattering trees.

100 miles C. 1874

Between Tps 18 S. Rg. 16 E. 17 E.
Gila and Salt River Meridian
S. General Description

This line extends over high hills
and broken surface, then over moun-
tains, very rugged, rocky and pre-
cipitous. Some grass on S. and
N. ends. But little timber.

Theodore F. White
U.S. Deputy Surveyor

Between $\text{Sp. } 17^{\circ}18' \text{ S. } 17^{\circ} \text{ E.}$
 Gila and Salt River Meridian

$\text{Sp. } 17^{\circ}18' \text{ S. } 17^{\circ} \text{ E. } 16^{\circ}17' \text{ E. } 17^{\circ} \text{ E. } 17^{\circ} \text{ E. } 17^{\circ} \text{ E.}$
 East on random line on N. boundary of sec. 6. 5. 4. 3. 2. 1.
 var. $14^{\circ}02' \text{ East.}$

As per Solar Compass.

And at 6 miles and 31 lbs. distance at a point 110 lbs.
 So far to $\text{Sp. } 17^{\circ}18' \text{ S. } 17^{\circ} \text{ E.}$ Therefore the correction
 will be 31 lbs. N. and $18^{\circ}3 \text{ lbs. N. per mile, and from the}$
 $\text{cor. to } \text{Sp. } 17^{\circ}18' \text{ S. } 17^{\circ} \text{ E. } 17^{\circ} \text{ E. } 17^{\circ} \text{ E. } 17^{\circ} \text{ E.}$
 $\text{S. } 89^{\circ}52' \text{ W. entire line bet. sec. } 1^{\circ} \text{ } 36.$

var. $14^{\circ}02' \text{ East.}$

40.00 Set a granite stone, $12 \times 10 \times 8 \text{ in.}$ 3 in the ground, marked
 40. and on N. side, build mound of stones 2 ft high,
 as per instructions, for 4 sec. cor. No trees near.

80.00 On steep S. slope. Set a post, marked & notched, 4 ft long,
 3 in. sq'd. 1 ft in the ground, drive charred stake and build
 mound of stones 2 ft high as per instructions, for cor. to
 sec. 1. 2. 3. 5. 3. 36. from which.

Arroyo, 3 in dia. brs. S. 77° E. 62 lbs. dist. No others near.
 Sand on high hills and rocky ridges. Some
 grass and a few trees.

Between T^h. 17th 18 S. R. 17 E.
 Gila and Salt River Meridian
 L^h. S. 89° 52' W.

Antenn line between sec. 2 & 35
 cor. 124° 02' East.

40.00 Sedagranite stone 14x10x8 in. $\frac{2}{3}$ in
 the ground, marked "H", and
 on W. side, build mound of
 stones 2 ft high, as per instructions
 for "H" sec. cor. No trees near

44.00 Arroyo 20 ft. wide, bas. S. E.

50.00 Arroyo 40 " " " S. E.

80.00 Sedagranite stone 12x10x6 inches,
 $\frac{2}{3}$ in the ground, notched E. and W.
 and on W. side, build mound
 of stones 2 ft high, as per instructions
 for cor. to sec. 2, 3, 34 and 35.
 No trees near.

Sand high hills. Soil good for
 grass. No timber.

Between Sp. 17 $\frac{1}{2}$ 18 S. R. 17 E.
 Gila and Salt River Meridian
 S. 89° 52' W.

On true line between secs. 3 & 34
 cor. 14° 02' East

- 17.00 Across 30 lbs. wide, bas. N. W.
 40.00 Seta granite stone 13 x 10 x 6 inches,
 $\frac{2}{3}$ in the ground, marked 1st,
 and on W. side, build mound of
 stones 2 ft. high, as per instructions
 for 1st sec. cor.
 No trees near.
 80.00 Seta granite stone 10 x 10 x 10 inches
 $\frac{2}{3}$ in the ground, notched E. and W.
 and on W. side build mound of
 stones 2 ft. high, as per instruc-
 tions, for cor. to secs. 3. 4. 33
 and 34. No trees near.
 Sand high rough hills and ascend-
 ing mountain on W. end.
 Soil worthless. No timber.

Between Tps. 17 & 18 S. R. 17 & E.
Gila and Salt River Meridian
hs. $89^{\circ}52'W$.

On true line between sec. 4 & 33
cor. $124^{\circ}02' East$

40.00 On east slope of mountain near
summit. Set a granite stone
 $10 \times 9 \times 6$ inches, $\frac{2}{3}$ in the ground,
marked $\frac{1}{4}$, and on W. side, build
mound of stone 2 ft high, as per in-
structions for these cor. No trees near.

46.00 Summit of mountain & descend W.

80.00 Set a granite stone $14 \times 12 \times 10$ inches,
 $\frac{2}{3}$ in the ground, notched E and
W. and on W. side, build mound
of stone 2 ft high, as per in-
structions for cor. to secs. 4, 5,
32 and 33. No trees near.
Land rough and mountainous.
Soil poor. No timber.

Between Pps. 17 & 18 S. R. 17 & E.
Gila and Salt River Meridian
S. 89° 52' W.

Continue line between secs. 5 & 32
on r. 14° 02' East

40.00 Set a granite stone, 12 x 10 x 8 inches, $\frac{2}{3}$
in the ground, marked $\frac{1}{4}$, and on W. side
build mound of stones 2 ft. high, as per
instructions, for $\frac{1}{4}$ sec. cor. from which
a Mesquite 6 in. dia. brs. S. 48 $\frac{1}{4}$ ° E. 25 lbs. dist
do. 4 " " N. 53° W. 47 " "

80.00 Set a granite stone 14 x 12 x 8 in., $\frac{2}{3}$ in the
ground, notched E. and W. and on W. side 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. 5, 6, 31 and 32. from which
An oak 5 in. dia. brs. N. 21° E. 155 lbs. dist
No other trees near.

Land rough and mountainous.
Soil poor. A few trees.

Between Tps. 17 & 18 S. R. 17 & E.
 Gila and Salt River Meridian
 Co. S. 89° 52' W.

On true line between sec. 6 & 31

cor. 14° 02' East

18.00 Creek with running water, b. s. N. W.

40.00 Set a limestone 10 x 8 x 8 inches, $\frac{2}{3}$
 in the ground, marked $\frac{1}{4}$,
 and on W. side, build
 mound of stones 2 ft high
 as per instructions, for $\frac{1}{4}$ sec.
 cor. No trees near.

58.00 Arroyo 30 lbs. wide, b. s. N. W.

80.31 The corner to townships 17 and
 18 S. ranges 16 and 17 E.
 Land mountainous except on W.
 end descending on to smoother
 surface.

Some grass on W. end.

A few trees.

November 7, 1874

Between Tps. 17 & 18 S. R. 17 & E.
Gila and Salt River Meridian
As General Description

This line is over high, rough
hills, and then mountains,
very rough and mostly
woodless.

There is but little timber.

Theodore F. White
U.S. Deputy Surveyor

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

Sec. From the cor. to Twp. 17 S. R. 16 E. 17 E. Run
North between sec. 31, 33, 36.

and, 124° 04' East,

As per Bart's solar Compass.

40.00 Set a granite stone, 12x12x5 in. $\frac{2}{3}$ in the
ground, marked '44, and on N. side
build mound a foot or 2 ft high,
with pit 1 ft deep, 2 ft long, 1 ft wide
as per instructions for 14 sec. corner.
No trees near.

65.00 Enter valley of Davidson's canon, bns. N. E.

66.00 Road from Tucson to Crittenden bns. N. E. & S. W.

72.00 Leave valley and ascend hill.

80.00 Set a post, marked and notched, 4 ft long,
3 in. sq. 1 ft in the ground, drive chisel
stake and build mound a foot or 2 ft high,
with pit 1 ft deep, 2 ft long, 1 ft wide, as per
instructions for cor. to sec. 25, 30, 31 and
36. No trees near. Sand rolling & stony.
Soil good for grass. Some trees.

Between Tps. 17 S. Rgs. 16 & 17 E.
Gila and Salt River Meridian
Ch's North between secs. 25 & 30.
ans. $14^{\circ} 04'$ East.

40.00 Set a post, marked $1/4$ S. $1/4$ E. 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.

A round hill lies N. E. about 10 chs. dist.

80.00 Set a post, marked and notched, $1/4$ E.
long, 3 in. sqd. 1 ft. in the ground, drive
charred stake and build mound of earth
2 ft. high, with pits 1 ft. deep, 2
ft. long, 1 ft. wide, as per instruc-
tions for cor. to secs. 19, 24, 25
and 30. from which

A Mesquite 10 in. dia. lies N. $28\frac{1}{2}^{\circ}$ W. 80 chs. dist.
No other tree near. Land rolling and
stony. Soil poor. Some grass and
trees.

Between Tps. 17 S. Rps. 16 & 17 E.
 Gila and Salt River Meridian
 Ls North between sec. 19 & 24
 cor. $14^{\circ} 04'$ East

40.00 Set a post, marked 4 S. 4 ft. long, flattened 3
 in. wide. 1 ft. in the ground, drove charred
 stake and built mound of stones 2 ft. high
 with pit 1 ft. deep, 2 ft. long, 1 ft. wide, as per in-
 structions for 4 sec. cor. from which
 Mesquite 5 in. dia. - br. S. 40° E 70 br. dist.
 do. 7 " " " N. $48\frac{1}{4}^{\circ}$ W. 135 " "

69.00 Road from Mason to Crittenden brs. E. and W. and
 Davidson's spring brs. E. about $\frac{3}{4}$ mile dist.

80.00 Set a granite stone $10 \times 10 \times 8$ inches, $\frac{2}{3}$ in
 the ground, notched S. and N. and
 on N. side built mound of stones
 2 ft. high, as per instructions, for cor.
 to sec. 13, 18, 19 and 24.

No trees near.

Land rolling. Soil good for grass.
 No timber.

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

Rs. North between sec. 13 & 18
cor. $14^{\circ} 14'$ East.

40.00 Set a post, marked $\frac{1}{4}$ S. 4 ft. long,
flattened 3 in. wide, 1 ft. in the ground
drive charred stake and build a
mound of earth 2 ft. high, with
pit 1 ft. deep, 2 ft. long, 1 ft. wide, as
per instructions, for $\frac{1}{4}$ sec. cor. from which
some quite 5 in. dia. br. N. 44° E. 32 br. dist

do. 4 " " " S. 30° E. 62 " "

80.00 Set a post, marked and natched, 4
ft. long, 2 in. sq'd. 1 ft. in the ground
drive charred stake and build a
mound of earth 2 ft. high, with
pit 1 ft. deep, 2 ft. long, 1 ft. wide, as
per instructions, for the cor. to Secs.
7, 12, 13 and 18. No trees near.
Land rolling. Soil 2^d rate.
Some grass. But few trees.

Between Tps. 17 S. R. 16 E. 17 E.
 Gila and Salt River. Mountain
 Co. North between secs. 7 & 12

or. 14th 04 East

140.00 Set a post, marked 1/4 S. 1/4 E.
 long, flattened 3 in. wide, 1 ft. in
 the ground, drive charred stakes and
 build mound of stones 2 ft. high,
 as per instructions for 1/4 sec.
 cor. No trees near.

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

No trees near.

Land rolling. Soil good for
 grass. No timber.

Between Tps. 17 S. R. 16 E.
 Gila and Salt River Meridian
 North ^{on random line} between sec. 1 & 6.
 var. $14^{\circ}04'$ East.

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

79.48 Intersect E. and W. line at a point
 12 ks. E. of cor. to townships 16 and
 17 S. ranges 16 and 17 E., from which
 township cor. run
 $S. 0^{\circ}5' E.$

On true line between sec. 1 & 6.

var. $14^{\circ}04'$ East

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

79.48 Cor. to sec. 1, 6, 7 and 12.

Land dralling. Soil good for grass.
 No timber. November 16. 1874

Between Tps. 17 S. R. 16 E. 17 E.
Gila & Salt River Meridian
L. General Description

This line extends over a hilly
then rolling surface.

There is considerable grass, but
the soil is mostly poor.

There is but very little timber
along the line.

Theodore F. White
U.S. Deputy Surveyor

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

- 1st From the cor. to Tps 16 & 17 S. R. 16 & 17 E. Run
 West true line bet. sec. 1 & 36.
 B. & W. 13° 32' East
 As per Burt's improved Solar Compass
 24.00 Road from Tucson to Cienega Station bet. N. E.
 36.00 Same road bet. S. E.
 40.00 Set a post, marked 4 in. 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 instructions, for the sec. cor. from which
 A Mesquite 8 in. dia. bet. S. 27½° W. 54 lbs. dist.
 No other tree 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 sec. 1. 2.
 35 and 36, from which
 A Mesquite 6 in. dia. bet. S. 32½° E. 24 lbs. dist.
 No other tree near. Land undulating.
 Considerable grass and brush.
 Soil gravelly.

Between Tps. 16 & 17 S. R. 16 E.

Gila & Salt River Meridian

Sec. West on line bet. sec. 2 & 3.5.

var. $13^{\circ}32'$ East.

40.00 Dry stream, 40 ft. wide bas. N. W.

40.00 Set a line stone $16 \times 6 \times 6$ inches,
3 in. the ground, marked 1st, and
on N. side, build mound a foot
2 ft. high, with pits 1 ft. deep, 2 ft. long,
1 ft. wide, as per instructions, for
1/4 sec. cor. No trees near.

80.00 Set a post, marked and notched,
4 ft. long, 3 in. sq. d. 1 ft. in the ground,
drive charred stake and build mound
a foot 2 ft. high, with pits 1 ft. deep
2 ft. long, 1 ft. wide, as per instructions
for cor. to sec. 2, 3, 3.4 and
3.5. No trees near.

Land, undulating. Soil gravelly.
Considerable grass. Some brush.
No timber.

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

Trs. Montrose line bet. sec. 3 & 34
a. a. r. $13^{\circ}32'$ East

27.00 Road from Tucson to Gittenden bet. N.W. & S.E.

40.00 Set a granite stone $12 \times 10 \times 8$ inches, $\frac{2}{3}$ in
the ground, marked W. and on N. side
build mound of earth 2 ft high, with
pit 1 ft deep, 2 ft long, 1 ft wide, as per in-
structions for these cor. Notices 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 sec. 34, 33 & 34,
from which

A Mesquite 9 in. dia. bet. S. $34^{\circ}W.$ 131 bars dist.

do 4 " " " N. $29\frac{3}{4}^{\circ}W.$ 145 " "

No other trees near.

Sand undulating. Soil gravelly.
Grass. Brush.

November 16. 1874

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

Sec. West on true line bet sec. 4 & 33
cor. 13° 32' East.

- 15.00 Dry bed of stream 40 hrs. wide, hrs. N.W.
40.00 Set a post marked "H.S." 4 ft long flattened 3 in. wide
4 ft in the ground, drive charred stake and build mound
of earth 2 ft high, with pits 1 ft deep,
2 ft long, 1 ft wide, as per instructions for 4 sec. cor.
A mesquite 4 in. dia. S. 25° E. 180 hrs. dist.
No other trees near.
- 68.00 Dry bed of stream 30 hrs. wide, hrs. N.W.
80.00 Set a post, unmarked and notched, 4
ft long, 3 in. sq. 4 ft in the ground,
drive charred stake and build mound
of earth 2 ft high, with pits 1 ft
deep, 2 ft long, 1 ft wide, as per in-
structions for cor. to sec. 4, 5,
32 and 33. No trees near.
Land undulating. Good
grass. No timber.

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

Ln. West entrance line bet sec. 31 & 32
aa. 13° 32' 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 these cor. from which
Amazigudi & midichien N. 72° W. 208 lns. dist.
No other trees near.

42.00 Dry bed of stream 30 lns. wide, bet. N. N.

80.00 Set a post, marked and notched,
4 ft. long, 3 in. sq. d. 1 ft. in the
ground, drive charred stake and
build mound of earth 2 ft. high,
with pits 1 ft. deep, 2 ft. long, 1 ft. wide,
as per instructions for cor. to sec.
5, 6, 31 & 32. No trees near.
Land flat. Considerable grass.
Brush. A few trees.

Between Tps. 16 & 17 S. R. 16 E.

Gila and Salt River Mendocino

See Westmonte line between C & 31
cor. 13°37' East

46.00 Stake, marked, $\frac{1}{4}$ S. 4 ft. long,
flattened 3 in wide, 1 ft. in the ground,
drill charred stake & 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.

And allowing 1.78 chs. for convergence, at

78.22 Stake, marked & notched, $\frac{1}{4}$ S. 4 ft. long,
4 in. sq. d., 1 ft. in the ground, drill
charred stake & build mound of
earth 2 ft. high, with pit 1 ft. deep,
2 ft. long, 1 ft. wide as per instructions
for cor. to Tps. 16 & 17 S. ranges 15
and 16 E. From which

A Mesquite 10 in dia. dbh. S. 88 $\frac{1}{2}$ ° W. 393 lbs. dbh.

do 6 " " " N. 58 $\frac{3}{4}$ ° W. 316 " "

No other trees near.

Land flat. Considerable grass. No timber.
Soil gravelly. November, 17, 1874

Between Tps. 16 & 17 S. R. 1

Gila & Salt River Merits

General Description F.

This line passes over a rolling
then undulating or flat surface.
There is much good grazing
In some places the land is
covered with brush, but
there is no timber of con-
sequence.

Theodore F. White
U. S. Dep. Surveyor

F

LIST OF NAMES.

I,

A List of the Names of Individuals employed to assist in running, measuring, or marking the lines and corners described in the foregoing Field Notes of the survey of *Exterior lines of Tps. 16 S. Rgs. 16, 17 and 18 E. of Tps. 17, 18, 19 and 20 S. R. 17 E. and of Tps. 19 S. R. 16 E. of the Gila and Salt River Meridian Arizona.*

Showing the respective capacities in which they acted.

R. A. Vasquez Chainman.

L. D. Britton Chainman.

H. G. Morse Axeman.

W. H. Aubrey Flagman.

C. S. Leon Mound Builder.

FINAL OATH OF ASSISTANTS.

WE hereby certify that we assisted Theo. F. White
 U. S. Deputy Surveyor, in
 surveying Exterior lines of Townships 16
S. Rgs 16. 17 & 18 E. of Tps. 17. 18. 19
and 20 S. R. 17 E. and of Tps.
19 S. R. 16 E. 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 monu-
 ments planted according to the instructions fur-
 nished by the Surveyor-General.

R. A. Carney Chainman.

L. D. Burton Chainman.

H. J. Mera Axeman.

W. H. Aubrey Wagman.

E. J. Scott Mould Builder

Sworn to and subscribed before me, this 17th

day of December, 1874

William Babson
Notary Public

FINAL OATH OF DEPUTY SURVEYOR.

I, Theo. F. White

U. S. Deputy Surveyor do solemnly swear that,
in pursuance of a contract with John Wasson,
United States Surveyor-General for Arizona, bear-
ing date the 21st day of August

1874 I have well, faithfully and truly, in my
own proper person, and in strict conformity with
the instructions furnished by the Surveyor-Gener-
al, the Surveying Manual, and the laws of the
United States, surveyed all those portions of

the Exterior line of townships 16
S. Rgs. 16. 17 and 18 E. of Tps. 17.
18. 19 and 20 S. R. 17 E. and
of Tp. 19 S. R. 16 E. of the
Gda. Salt River Meridian
Arizona.

as are repre-
sented in the foregoing Field Notes as having

been surveyed under my directions; and I do further solemnly swear that all the corners of said surveys have been established and perpetuated in strict accordance with the Surveying Manual and printed instructions, and also in accordance with the additional requirements 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 11th
day of December, 1874

William B. Bogen
Notary Public



U. S. Surveyor General's Office,
Tucson, Arizona, December 15, 1874

The foregoing Field Notes of the survey of

Extension lines of Tps. 16 S. R. 16. 17 E.

18 E., Tps. 17. 18. 19 & 20 S. R. 17 E.,

and Tps. 19 S. R. 16 E., including a portion

of the 4th Standard S.

of the Gila and Salt River Base and Meridian, Arizona,
executed by Theo. F. White

D. S., under his contract of the twenty first day of
August, 1874, having been critically ex-
amined and the necessary corrections and explanations
made, the said Field Notes and the surveys they de-
scribe, are hereby approved.

John Mason

Surveyor General.