

1501

BOOK 1501

BOOK 1501

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Field Notes

OF THE SURVEY OF

The 1st. Standard South Third
Ranges 20 and 21 East and 2nd-
Standard South Third ranges
27. 28. 29. 30. 31 East

Gila and Salt River Base and Meridian

ARIZONA.

By *Theodor F. White* D. S.

under contract dated *Oct 17*., 1881.

Survey commenced *Jan 25*, 1882

Survey completed *Feb 4*., 1882

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To be copied

BOOK 1501

2nd Standard Parallel South
- Through -
R's 27-28-29-30 and 31 East.

1st Standard Parallel South.
- Through -
R's 31 and 30 East -

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2 nd Standard South Through	
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17 Preliminary Oaths of Assistants.

We, J. H. McBlure, J. O. Ford, Geo. S. Wyatt
and Jos. Schwartz

do solemnly swear that we will well and faithfully execute the
duties of Chain Carriers; that we will level the chain upon even
and uneven ground, and plumb the tally pins, either by stick-
ing or dropping the same; that we will report the true distance
to all notable objects, and the true lengths of all lines that we
assist in measuring, to the best of our skill and ability and in
accordance with the instructions given us

in the survey of the first Standard South
through Range 30 & 31 East. & the second
Standard South through Range^s 28 & 29. 30 & 31
East. of the Gila & Salt River Base & Meridian.

J. H. McBlure
J. O. Ford
Geo. S. Wyatt
Jos. Schwartz

Sworn to and subscribed before me, this 23rd day of
January, 1887. Paul Rice, R.
Notary Public Pima
County, Arizona.

We, John Blake and Sam. Van B
Pelt.

do solemnly swear that we will well and truly perform the
duties of axeman & flagman
respectively
in the establishment of corners and other duties according to
instructions given us, and to the best of our skill and ability.

in the survey of the first Standard South
through Ranges 30 & 31 East & the second
Standard South through Ranges ²⁷ 28, 29, 30
& 31 East. of the Gila & Salt River Base & Merid

Blake John Blake
Van Sam. Van Pelt

Sworn to and subscribed before me this 23rd day of

January, 1887

Paul Rice
Notary Public, Pima
County, Arizona

Second Standard Parallel South
through Range 27 E. Gila & Salt
River Meridian.

Before commencing the survey
I took observations on Polaris
to test my instrument (a
Burt's improved Solar Compass)
and find it correct.

Survey commenced January
25. 1882.

I begin at the Standard
Cor. to Townships 10 S. R.
26 & 27 East, which is a
Granite Rock 12 x 8 x 6 ins.
set firmly in the ground,
notched N. N. & E. and on
N. is a mound of earth 2 1/2 ft.
high, with pits 3 ft. long 1 1/2 ft
wide, and 1 ft. deep. all
established as per instructions
of the old Manual for Stand-
ard Cor. to Tps 10 S. Ranges 26 & 27 E.

Second Standard Parallel S.
through R. No. 27 E. continued.

chains

Thence Iron East on 2^d
Standard South, it being
S. Boundary T. 10 S. in R.
27 E. on S. By. Sec. 31.

Var. $12^{\circ} 29' E.$
as per observation with Burts
improved Solar Compass
the instrument used in
this Survey.

40.00 Set a post 3 ft. long 3 ins. square
with marked stone 12 ins. on
the ground, for $\frac{1}{4}$ Sec. cor. marked
S. C. $\frac{1}{4}$ S. on N. face, dug pits $18 \times$
 18×12 ins. E & W. of post $5\frac{1}{2}$ ft. dist.
and raised a mound of earth
 $1\frac{1}{2}$ ft. high, $3\frac{1}{2}$ ft. base around
post.

80.00 Set a post 4 ft. long, 4 ins. square
with marked stone, 12 ins.

Second Standard Parallel S.
through R. 27 E. continued

chains

in the ground, for Standard
Cor. to Secs. 31 & 32. marked
S. C. T. 10 S. R. 27 E. on N.
S. 32 on E. and

S. 31 on W. faces. with 5 notches
on E. and 1 notch on W. face,
dug pits 18+18+12 ins. N. E. &
W. of post, 5 1/2 ft. dist. and
raised a mound of earth
2 ft. high, 4 1/2 ft. base around
post.

Land rolling & descending
East.

Soil 2^d rate

No timber.

East on S. Boundary Sec. 32.
Var. 12° 29' E.

Second Standard Parallel S.
through R. 27 E. continued -

chains.

- 6.80 Dry wash 10 lks wide course N. E.
- 40.00 Set a post 3 ft. long, 3 ins. square with marked stone 12 ins. in the ground, for $\frac{1}{4}$ Sec cor. marked S. C. $\frac{1}{4}$ S. on N. face, dug pits, $18 \times 18 \times 12$ ins. E & W. of post, $5\frac{1}{2}$ ft. dist. and raised a mound of earth $1\frac{1}{2}$ ft. high, $3\frac{1}{2}$ ft. base around post.
- 79.00 Dry wash 15 lks wide course N. E.
- 80.00 Set a post 4 ft. long, 4 ins. square with marked stone, 12 ins. in the ground, for Standard Cor. to Secs. 32 & 33. marked S. C. T. 10 S. R. 27 E. on N. S. 33 on E and S. 32 on W. face, with 4 notches on E. and 2 notches on W. face, dug pits $18 \times 18 \times 12$ ins. N. E &

Second Standard Parallel S.
through R. 27 E. continued

chains

W. of post, $5\frac{1}{2}$ ft. dist. and raised
a mound of earth 2 ft. high,
 $4\frac{1}{2}$ ft. base around post.
Layd descending East.
Soil 2^d rate
No timber.

East on S. Boundary sec. 33.
Var. $12^{\circ} 29' E$.

40.00 Set a post 3 ft. long 3 ins. square
with marked stone, 12 ins. in
the ground, for $\frac{1}{4}$ sec. cor. marked
S. E. $\frac{1}{4}$ S. on N. face, dug pits
 $18+18+12$ ins. E & W. of post $5\frac{1}{2}$
ft. dist. and raised a mound
of earth $1\frac{1}{2}$ ft. high, $3\frac{1}{2}$ ft. base,
around post.

45.28 Dry Wash 8 lks wide course N. E.

Second Standard Parallel S.
through R. 27 E. continued

chains

80.00

Set a post 4 ft. long, 4 ins. square, with marked stone, 12 ins. in the ground, for Standard Cor. to Secs. 33 & 34. marked S. C. T. 10 S. R. 27 E. cont.

S. 34 on E. and

S. 33 on W. faces, with 3 notches on E & W. faces, dug pits 18 x 18 x 12 ins. N. E. & W. of post 5 1/2 ft. dist. and raised a mound of earth 2 ft. high 4 1/2 ft. base around post.

Land rolling & descending E.

Soil 2^d rate.

No timber.

Second Standard Parallel S.
through R. 27 E. continued

chains

East on S. Boundary Sec. 34

Var. $12^{\circ} 29' E.$

8.30 Descend bank 15 ft. high into
little valley running N. E.

12.21 Foot of bank & enter valley course N. E.

26.78 Dry wash 20 ft. wide course N. E.

35.00 Leave bottom and pass over point
of mesa,

40.00 Set a post 3 ft. long, 3 ins. square,
with marked stone 12 ins. in
the ground, for $\frac{1}{4}$ sec. cor. marked
S. C. $\frac{1}{4}$ S. on N. face, deep pits
18 + 18 + 12 ins. E + W. of post. $5\frac{1}{2}$ ft.
dist. and raised a mound
of earth $1\frac{1}{2}$ ft. high $3\frac{1}{2}$ ft.
base, around post.

44.47 Top of point of mesa extending
N. E.

50.00 Enter valley again.

Second Standard Parallel S.
through R. 27 E. continued -

chains

67.00 Leave valley finally

68.00 Top of sloping table land

80.00 Set a post 4 ft. long, 4 in.
square, with marked stone
12 ins. in the ground, for
Standard Cor. to Secs.

34 & 35, marked

S. C. T. 10 S. R. 27 E on N.

S. 35. on E.

S. 34 on W. faces, with
2 notches on E. and 4 notches
on W. faces, dug pits 18x18
x12 ins. N. E. & W. of post

5 1/2 ft. dist. and raised a
mound of earth 2 ft. high,
4 1/2 ft. base around post.

Land more or less rolling
& sloping E.

Soil 2^d rate

No timber.

Second Standard Parallel S.
through R. 27 E. continued

chains

East on S. Boundary Sec. 35.
Var. $12^{\circ} 29'$ E. ✓

4000 Set a post 3 ft. long, 3 ins. square,
with marked stone 12 ins. in
the ground, for $\frac{1}{4}$ sec. cor,
marked S. C. $\frac{1}{4}$ S. on N. face,
dug pits $18 \times 18 \times 12$ ins. E & W.
of post $5\frac{1}{2}$ ft. dist. and
raised a mound of earth
 $1\frac{1}{2}$ ft. high, $3\frac{1}{2}$ ft. base around
post.

8000 Set a post 4 ft. long, 4 ins.
square, with marked stone
12 ins. in the ground, for
Standard Cor. to Secs. 34 & 35.
marked -

S. C. S. 10 S. R. 27 E. on N.
S. 36 on E.

S. 35 on W. face, with 1 notch.

Second Standard Parallel S.
through R. 27. E. continued

chains

on E. and 5 notches, on W.
faces, dug pits 18+18+12 ins.
N. E. + W. of post, 5 1/2 ft. dist.
and raised a mound of earth
2 ft. high, 4 1/2 ft. base around
post.

Land sloping E.

Soil sandy 2^d. rate

No timber, some brush.

East on S. Bandany Sec. 36.

Var. 12° 29' E.

4000 Set a post 3 ft. long, 3 ins. square
with marked stone, 12 ins. in
the ground, for 1/4 sec. cor.
marked S. C. 1/4 S. on N. face
dug pits 18+18+12 ins. E. + W.
of post 5 1/2 ft. dist. and

Second Standard Parallel S.
through R. 27 E. continued

chains

raised a mound of earth $1\frac{1}{2}$ ft
high, $3\frac{1}{2}$ ft. base around post.

8000 Set a post $4\frac{1}{2}$ ft. long, 4 ins.
square, with marked stone, 12
ins. in the ground, for Stand-
ard cor. to Sp 10 S. R. 27 &
28 E. marked -

S. C. T. 10 S. on N.

R. 28 E. S. 31 on E. and

R. 27 E. S. 36 on W. face, with
6 notches on N. E. & W. face,

dug pits $24 \times 18 \times 12$ ins. crosswise
on each line, N. E. & W. of post,
6 ft. dist. and raised a mound
of earth $2\frac{1}{2}$ ft. high, 5 ft. base,
around post.

Land descending E.

Soil 2d. rate

No timber, brushy

Second Standard Parallel S.
through R. 27 E. continued

General Description
The second Standard
South (it being the S.
Boundary of T. 10 S.) in
Range 27 E. passes over
a rolling & sloping surface
in the San Simon valley.
The land on either side of
the line, produces consider-
able grass, furnishing food
for cattle, but it is of no
value for agricultural
purposes, there is no timber
along the line.

Theodore H. White
U. S. Deputy Surveyor.

Second Standard Parallel South
through Range 28 E. Gila & Salt
River Meridian

chain From the Standard Cor. to
Townships 10 S. R. 27 & 28 E.
just established from East
on 2^d Standard South it
being S. Boundary T. 10 S.
R. 28 E. on S. By Sec. 31.
Var. $12^{\circ} 33' E.$

use Solar compass.

40.00 Set a post 3 ft long, 3 ins. square
with marked stone 12 ins. in
the ground for $\frac{1}{4}$ Sec. Cor.
marked S. C. $\frac{1}{4}$ S. on N. face,
dug pits 18+18+12 ins. E & W.
of post, 5 $\frac{1}{2}$ ft. dist. and
raised a mound of earth
1 $\frac{1}{2}$ ft. high 3 $\frac{1}{2}$ ft. base
around post.

43.82 Dry wash 25 lks wide course N. E.

46.85 Dry wash 20 lks wide course N. E.

Second Standard Parallel S.
through R. 28 E. continued

chains

80.00

Set a post 4 ft. long, 4 ins. square, with marked stone 12 ins. in the ground, for Standard, Cor. to Secs. 31 & 32, marked S. 6. S. 10 S. R. 28 E. on N. S. 32. on E.

S. 31 on W. face, with 5 notches on E. and 1 notch on W. face, dug pits 18+18+12 ins. N. E. & W. of post, 5 1/2 ft. dist. and raised a mound of earth 2 ft. high, 4 1/2 ft. base around post.

Land uneven and descending E.

Soil 2^d & 3^d rate

No timber, brushy.

Second Standard Parallel S.
through R. 28 E. continued

chains.

East on S. Boundary Sec. 32
Var. $12^{\circ} 33' E.$

7.00 Road from Bowie to Pueblo
Vejo course N.

13.24 Dry wash course N. E. 20 lks wide

37.00 Cuter wide dry wash course N. E.

38.30 Leave it.

40.00 Set a post 3 ft. long, 3 ins. square
with marked stone 12 ins. in
the ground, for $\frac{1}{4}$ Sec. cor. marked
S. C. $\frac{1}{4}$ S. on N. face, dug pits
18+18+12 ins. E & W. of post $5\frac{1}{2}$ ft.
dist. and raised a mound of
earth $1\frac{1}{2}$ ft. high, $3\frac{1}{2}$ ft. base
around post, from which

a mesquite 4 ins. diam. br S. $55\frac{1}{2}^{\circ} E.$ 96 lks dist
marked S. C. $\frac{1}{4}$ S. B. D.

a mesquite 6 ins. diam. br N. $31^{\circ} W.$ 185 lks. dist.
marked S. C. $\frac{1}{4}$ S. B. D.

Second Standard Parallel S.
through R. 28 E. continued

chains

40.53 Dry wash 20 lks wide come N. E.

8000 Set a post 4 ft. long, 4 ins. square
with marked stone 12 ins. in
the ground, for Standard cor.
to Secs. 32 & 33. marked -
S. C. T. 10 S. R. 28 E. on N.
S. 33 on E. and

S. 32 on W. faces, with 4 notches
on E. and 2 notches on W. faces,
dug pits 18 x 18 x 12 ins. N. E. &
W. of post. 5 1/2 ft. dist. and
raised a mound of earth
2 ft. high, 4 1/2 ft. base around
post.

Land uneven
Soil 2^d rate

Brushy, some Mesquite trees
along Wash.

Second Standard Parallel S.
through R. 28 E. continued

chains

East on S. Boundary sec. 33.
Cor. $12^{\circ} 33' E.$

20.00 ascend low ridge

21.40 Top of ridge extending N. E.

40.00 Set a post 3 ft. long, 3 ins. square,
with marked stone 12 ins. in
the ground, for $\frac{1}{4}$ Sec. cor.

marked S. C. $\frac{1}{4}$ S. on N. face,
dug pits $18 \times 18 \times 12$ ins. E & W.
of post $5\frac{1}{2}$ ft. dist. and raised
a mound of earth $1\frac{1}{2}$ ft. high,
 $3\frac{1}{2}$ ft. base, around post.

46.00 Enter valley running N. E.

80.00 Set a quartzite rock $15 \times 8 \times 6$ ins.

10 ins. in the ground, for stand
and cor. to Secs. 33 & 34. marked
S. C. with 3 notches on E & W. edges,
dug pits $18 \times 18 \times 12$ ins. N. E. & W.
of stone, $5\frac{1}{2}$ ft. dist. and raised

Second Standard Parallel S.
through R. 28 E. continued -

chains

mound of earth, 2 ft. high,
4 1/2 ft. base alongside,
Land uneven on W. flat
on E.

Some good soil on E. end
in valley.

No timber.

Second Standard Parallel S.
through L. R. 28 E. continued

East on S. Boundary Sec. 34.

Var. $12^{\circ} 29' E.$

5.00 Leave valley

40.00 Deposited a charred stake, 12 ins.
in the ground, for $\frac{1}{4}$ sec. cor.,
dug pits $18+18+12$ ins. E + W. of
cor. $5\frac{1}{2}$ ft. dist. and raised a
mound of earth $1\frac{1}{2}$ ft. high, $3\frac{1}{2}$
ft. base over it,

In E. pit drove a stake 2 ft. long
2 ins. square, 12 ins. in the ground,
marked $\frac{1}{4}$ S. on N. face,

63.00 Dry wash 1000 wide course N. E.

80.00 Set a post 4 ft. long, 4 ins. square,
with marked stone, 12 ins. in the
ground, for Standard cor. to Secs.
34 & 35 marked -

S. 6. S. 10 S. R. 28 E. on N.

S. 35 on E.

S. 34 on W. faces, with 2 notches

Second Standard Parallel S.
through R. 28 E. continued

chains

on E. and 4 notches on W. faces,
dug pits 18 + 18 + 12 ins. N. E. +
W. of post. 5 1/2 ft. dist. and
raised a mound of stone 2 ft
high, 4 1/2 ft. base around post.
Land uneven
Soil 3^d rate
No timber.

East on S. Boundary Sec. 35.
Var. 12° 33' E.

- 2.50 Descend
9.30 Enter Sau Simon Bottom
extending N. W.
40.00 Deposited a charred stake, 12
ins. in the ground, for 1/4
sec. cor. dug pits 18 + 18 + 12
ins. E + W. of cor. 5 1/2 ft. dist.

Second Standard Parallel S.
through R. 28 E. continued

chains

and raised a mound of earth $1\frac{1}{2}$ ft. high, $3\frac{1}{2}$ ft. base over it.

In E. pit drove a stake 2 ft. long 2 ins. square, 12 ins. in the ground, marked S. C. $\frac{1}{4}$ S. on N. face,

45.12 Road along bottom corner N. W. & leave Bottom.

80.00 Deposited a charred stake, 12 ins. in the ground, for Standard Cor. to Secs. 35 & 36. dug pits $18+18+12$ ins. N. E & W. of corner $5\frac{1}{2}$ ft. dist. and raised a mound of earth 2 ft. high, $4\frac{1}{2}$ ft. base over it. In E. pit drove a stake 2 ins. square, 2 ft. long, 12 ins. in the ground, marked S. C. T. 10 S. R. 28 E. on N.

Second Standard Parallel S.
through R. 28 E. continued

chains

S. 36 on E. and
S. 35 on W. faces, with 1 notch
on E. and 5 notches on W.
faces.

Land mostly flat.

Soil good in Bottom
no timber.

East on S. Boundary Sec. 36
Var. $12^{\circ} 33' E.$

40.00 Set a post 3ft long, 3 ins. square
with marked stone 12 ins. in
the ground for $\frac{1}{4}$ sec. cor. marked
S. C. $\frac{1}{4}$ S. on N. face, dug pits
 $18 \times 18 \times 12$ ins. E & W. of post,
 $5\frac{1}{2}$ ft. dist. and raised a
mound of earth $1\frac{1}{2}$ ft. high,
 $3\frac{1}{2}$ ft. base around post.

Second Standard Parallel S.
through R. 28 E. continued

chains

40.05 Dry wash course S. W.

40.60 Leave Wash.

80.00 Set a post $4\frac{1}{2}$ ft. long 4 ins.

square, with marked stone, 12 ins. in the ground, for Standard cor. to Tps 10 S. R. 28 & 29 E. marked -

S. C. T. 10 S. on N.

R. 29 E. S. 31 on E. and

R. 28 E. S. 36 on W. faces, with 6 notches on N. E. & W. faces,

dug pits $24 \times 18 \times 12$ ins. crosswise on each line, N. E. & W. of post, 6 ft. dist. and raised a mound of earth $2\frac{1}{2}$ ft. high, 5 ft. base around post.

Land ascending E. uneven with sand hillocks & very brushy.

Second Standard Parallel S.
through R. 28 E. continued.

Soil 3^d rate

No timber.

Jan. 25. 1882.

25.
Second Standard Parallel S.
through R. 28 E. continued

General Description.

The Second Standard South - S. Boundary N.W. 1/4 in R. 28 E. passes over an uneven surface sloping generally E. It crosses the Sau Simon bottom where there is some good land, otherwise the soil is poor, though furnishing some grazing. There is no timber along the line,

Theodore H. White
U. S. Dep. Surveyor.

Second Standard Parallel South
through Range 29 E. Gila & Salt
River Meridian

chains.

From the Standard Cor. to
Township 10 S. R. 28 & 29 E.
just established from East
on 2^d Standard South it
being S. Boundary T. 10 S.
R. 29 E. on S. By Sec. 31.
Var. 12° 40' E.

as per Solar Compass.

- 1.90 Cross low ridge extending S. W.
- 10.83 Cross low ridge extending S. W.
- 40.00 Set a post 3 ft. long, 3 ins. square,
with marked stone 12 ins. in
the ground, for 1/4 Sec. cor.
marked S. C. 1/4 S. on N. face,
dug pits 18 x 18 x 12 ins. E. & W.
of post, 5 1/2 ft. dist. and
raised a mound of earth
1 1/2 ft. high, 3 1/2 ft. base, around
post.

Second Standard Parallel S.
through R. 29 E. continued

chains

53.55 Dry wash 15 lbs wide course S.

66.90 Dry wash 12 lbs wide course S.

80.00 Set a post 4 ft. long, 4 ins. square
with marked stone 12 ins. in the
ground, for Standard cor. to

Secs. 31 & 32, marked—

S. C. T. 10 S. R. 29 E. on N.

S. 32 on E. and

S. 31 on W. faces, with 5 notches
on E. and 1 notch on W. faces,

dug pits 18 x 18 x 12 ins. N. E. &

W. of post. 5 1/2 ft. dist. and
raised a mound of earth
2 ft. high, 4 1/2 ft. base around
post.

Land ascending E. & uneven
Soil 3^d rate

No timber, very Brushy.

Second Standard Parallel S.
through R. 29. E. continued

chains

East on S. Boundary Sec. 32.
Var. $12^{\circ} 40' E$.

40.00 Set a post 3 ft. long 3 ins. square
with marked stone 12 ins. in
the ground, for $\frac{1}{4}$ Sec. cor.
marked $\frac{1}{4}$ S on N. face, dug
pits 18+18+12 ins. E & W. of
post $5\frac{1}{2}$ ft. dist. and raised
a mound of earth $1\frac{1}{2}$ ft. high,
 $3\frac{1}{2}$ ft. base around post from which
a Mesquite 6 ins. diam. br N. $85^{\circ} E$. 72 lbs dist.
marked S. C. $\frac{1}{4}$ S. B. N.

43.00 A Mesquite 6 ins. diam. br. S. $74^{\circ} W$. 57 lbs dist
marked S. C. $\frac{1}{4}$ S. B. N.

54.50 Ridge extending S.

74.00 Ascend

80.00 Set a post 4 ft. long 4 ins. square
with marked stone 12 ins. in
the ground, for Standard Cor.

Second Standard Parallel S.
through R. 29. E. continued

chains

to Secs. 32 & 33. marked -
S. C. S. 10 S. R. 29 E. on N.
S. 33 on E. and
S. 32 on W. faces, with 4 notches
on E & 2 notches on W. faces,
dug pits 18 x 18 x 12 ins. N. E x
W. of post 5 1/2 ft. dist. and
raised a mound of earth,
2 ft. high, 4 1/2 ft. base around
post.

Land uneven ascending E.

Soil 3^d rate

Occasional Decs.

East on S. Boundary Sec. 33.

Var. 12° 33' E.

40.00 Set a post 3 ft long, 3 ins. square
with marked stone, 12 ins. in

Second Standard Parallel S.
through R. 29. E. continued

chains

the ground, for $\frac{1}{4}$ Sec. cor.
marked S. C. $\frac{1}{4}$ S. on N. face,
dug pits $18 \times 18 \times 12$ ins. E & W.
of post $5\frac{1}{2}$ ft. dist. and raised
a mound of earth $1\frac{1}{2}$ ft. high,
 $3\frac{1}{2}$ ft. base, around post.

80.00

Set a post 4 ft. long, 4 ins. square,
with marked stone 12 ins. in
the ground, for Standard
Cor. to Secs. 32 & 33. marked-
S. C. S. 10 S. R. 29 E. on N.
S. 34 on E. and
S. 33 on W. faces, with 3
notches on E & W. faces.
dug pits $18 \times 18 \times 12$ ins. S. E &
W. of post, $5\frac{1}{2}$ ft. dist. and
raised a mound of earth
2 ft. high, $4\frac{1}{2}$ ft. base around
post.

Second Standard Parallel S.
through R. 29. E. continued

chains

Land descending S. E.
Soil 2^d & 3^d rate
No timber, some brush.

East on S. Boundary Sec. 34.
Cor. $12^{\circ} 40' E.$

40.00 Set a post 3 ft. long, 3 ins. square,
with marked stone 12 ins. in
the ground, for $\frac{1}{4}$ Sec. cor.
marked S. E. $\frac{1}{4}$ S. on N. face,
dug pits 18 + 18 + 12 ins. E & W.
of post, $5\frac{1}{2}$ ft. dist., and raised
a mound of earth, $1\frac{1}{2}$ ft. high
3 $\frac{1}{2}$ ft. base, around post.

47.00 Enter flat

47.40 Old Road by Whitelocks Cienega
to the Gila N. E.

80.00 Deposited a charred stake, 12 ins.

Second Standard Parallel S.
through R. 29. E. continued

chains

in the ground for Standard
Cor. to Secs. 34 + 35, dug
pits 18 + 18 + 12 ins. N. E. & W. of
corner 5 1/2 ft. dist. and raised
a mound of earth 2 ft. high,
4 1/2 ft. base over it. In E.
pit drove a stake 12 ins. in
the ground 2 ft. long, 2 ins.
square, marked S. E. S. 100.
R. 29 E. on N.

S. 35 on E. and

S. 34 on W. face, with 2 notches
on E. and 4 notches on W. face
dug pits 18 + 18 + 12 ins. N. E. &

W. of post, 5 1/2 ft. dist. and
raised a mound of stones 2 ft
high, 4 1/2 ft. base around post.
Land descending S. E.

Soil mostly poor, good in flat.

Second Standard Parallel S.
through R. 29. E. continued

chains

No timber, some brush.

East on S. Boundary Sec. 35
Var. 12° 40' E.

40.00 Set a post 3 ft. long, 3 ins. square,
with marked stone 12 ins. in
the ground, for 1/4 Sec. cor.
marked S. C. 1/4 S. on N. face,
dug pits 18 x 18 x 12 ins. E + W. of
post 5 1/2 ft. dist. and raised
a mound of earth 1 1/2 ft. high,
3 1/2 ft. base around post, from which
a measuring 12 ins. diam. line N. 85° 27' 17" E. dist. marked S. C. 1/4 S. B. S.

x 2.50

80.00 Set a post 4 ft. long, 4 ins. square,
with marked stone, 12 ins. in
the ground, for Standard cor.
to Secs. 35 & 36 marked -
S. 6. P. 10 S. R. 29 E. on N.
S. 36 on E. and

Second Standard Parallel S.
through R. 29. E. continued

chains

S. 35 on N. face, with 1 notch on
E, and 5 notches on W. face,
dug pits 18+18+12 ins. N. E. & W.
of post. 5 1/2 ft. dist. and raised
a mound of earth 2 ft. high,
4 1/2 ft. base around post.
Land ascending N. E.
Soil sandy & 3^d rate
No timber, brushy.

East on S. Boundary Sec. 36
Var. 12° 40' E.

40.00 Set a post 3 ft. long, 3 ins. square
with marked stone 12 ins. in
the ground, for 1/4 Sec. cor.
marked S. C. 1/4 S. on N. face,
dug pits 18+18+12 ins. S & W. of
post 5 1/2 ft. dist. and raised

Second Standard Parallel.
through L. R. 29 E. continued

chains

a mound of earth $1\frac{1}{2}$ ft. high,
 $3\frac{1}{2}$ ft. base, around post.

80.00 Set a post 4 ft. long, 4 ins. square
with marked stone 12 ins. in the
ground, for Standard Cor. to
Spec. 10 S. R. 29 & 30. E. marked
S. C. S. 10 S. on N.

R. 30 E. S. 31 on E. and

R. 29 E. S. 36 on W. faces, with
6 notches, on N. E. & W. faces,

dug pits 24 + 18 + 12 ins. crosswise
on each line, N. E. & W. of post.

6 ft. dist. and raised a mound
of earth $2\frac{1}{2}$ ft. high, 5 ft. base
around post. from which

a Mesquite 6 ins. diam. br S. $50\frac{1}{2}$ W. 228 lbs. dist.
marked ~~11~~ S. R 29 E. S. 1. B. S.

a Mesquite 5 ins. diam. br N. $84\frac{3}{4}$ W. 154 lbs dist
marked S. 10 S. R. 29 E. S. 36 B. S.

Second Standard Parallel S.
through R. 29. E. continued,

chains

Land ascending N. E.
Soil 3^d rate
No timber, some brush.

Second Standard Parallel S.
through R. 29. E. continued

General Description

The 2^d Standard South-South Boundary T. 10 S. - in Range 29 E. passes over an uneven surface, ascending N + E. The soil is poor. There is no timber, although, but considerable Mesquite brush in places.

Theodore J. White
U. S. Dep. Surveyor.

Second Standard Parallel South
through Range 30 E. Gila & Salt
River Meridian.

chains

From the Standard Cor. to
Townships 10 S. R. 29 + 30 E.
just established I run East
on 2^d Standard South it
being S. Boundary S. 10 S.
R. 30 E. on S. By. Sec. 31.
Var. $12^{\circ} 40' E.$

40.00 Set a post 3 ft. long 3 ins. square
with marked Stone, 12 ins. in
the ground for $\frac{1}{4}$ Sec. cor.
marked S. C. $\frac{1}{4}$ S. on N. face,
dug pits 18 + 18 + 12 ins. E + W.
of post, $5\frac{1}{2}$ ft. dist. and raised
a mound of earth $1\frac{1}{2}$ ft. high,
 $3\frac{1}{2}$ ft. base, around post,
from which

A Mesquite 6 ins. diam. br. S. $67\frac{1}{2}^{\circ} E. 88$ lbs. dist.
marked S. C. $\frac{1}{4}$ S. B. T.

A Mesquite 8 ins. diam. br. N. $53\frac{1}{4}^{\circ} W. 298$ lbs. dist.
marked S. C. $\frac{1}{4}$ S. B. T.

Second Standard Parallel S.
through R. 30 E. continued

chain

80.00 Set a post 4 ft. long, 4 ins. square,
with marked stone, 12 ins. in
the ground, for Standard cor.
to Secs. 31 & 32. marked—
S. C. S. 10 S. R. 30 E. on N.

S. 32 on E. and

S. 31 on W. faces, with 5 notches
on E. and 1 notch on W. faces,
dug pits 18 x 18 x 12 ins. N. E. &
W. of post, 5 1/2 ft. dist. and
raised a mound of earth
2 ft. high, 4 1/2 ft. base around
post.

Land ascending N. E.

Soil 3^d rate

Occasional trees.

Second Standard Parallel S.
through R. 30. E. continued

chains

East on S. Boundary Sec. 32.

Var. $12^{\circ} 40' E.$

- 40.00 Set a post 3 ft. long, 3 ins. square, with marked stone, 12 ins. in the ground, for $\frac{1}{4}$ Sec. cor. marked S. C. $\frac{1}{4}$ S. on N. face, dug pits $18 \times 18 \times 12$ ins. E & W. of post $5\frac{1}{2}$ ft. dist, and raised a mound of earth, $1\frac{1}{2}$ ft. high, $3\frac{1}{2}$ ft. base, around post. from which a Mesquite 10 ins. diam. to S. $14\frac{1}{2}^{\circ} W.$ $2\frac{1}{3}$ Ch dist. marked S. C. $\frac{1}{4}$ S. B. S.
- 45.10 Dry wash 20 lks wide course S. W.
- 48.00 Ridge extending S. W.
- 57.88 Dry wash 20 lks wide, course S. W.
- 63.00 Ridge extending S. W.
- 75.00 Dry wash 15 lks wide course S. W.
- 80.00 Set a post 4 ft. long, 4 ins. square

Second Standard Parallel.
through R. 30. E. continued

chain

with marked stone 12 ins. in
the ground, for Standard Cor.
to Secs. 32 + 33. marked, -
S. C. T. 10 S. R. 30 E. on N.
S. 33 on E. and
S. 32 on W. faces, with 4 notches
on E. + 2 notches on W. faces,
dug pits 18 + 18 + 12 ins. N. E. + W.
of post, 5 1/2 ft. dist. and
raised a mound of earth 2 ft.
high, 4 1/2 ft. base around
post. from which
a mesquite 4 ins. diam. to S. 40° E. 96 lbs dist
marked T. 10 S. R. 30 E. S. 4. B. T.
Land rolling,
Soil sandy and 3^d rate
Brushy, no timber of any
consequence,

Second Standard Parallel S.
through R. 30 E. continued

chains

East on S. Boundary Sec. 33.

Var. $12^{\circ} 40' E$.

- 5.00 Ridge extending S.
 22.65 Dry wash 20 lbs wide course S.
 27.50 Ridge extending S.
 37.20 Dry gulch 15 lbs wide course S.
 40.00 Set a post 3 ft. long, 3 ins. square
 with marked stone, 12 ins. in
 the ground for $\frac{1}{4}$ Sec. cor.
 marked S. C. $\frac{1}{4}$ S. on N. face
 dug pits 18+18+12 ins. E & W. of
 post $5\frac{1}{2}$ ft. dist. and raised
 a mound of earth $1\frac{1}{2}$ ft. high,
 $3\frac{1}{2}$ ft. base around post.
 43.00 Ridge extending S.
 61.50 Dry wash 12 lbs wide, course S. &
 foot of hill 125 ft. high,
 80.00 on S. end of hill near the top
 and short distance E. of summit

Second Standard Parallel S.
through R. 30. E. continued

chains

Set a volcanic rock, 14+10+8 ins.
10 ins. in the ground, for Stand-
ard Cor. to Secs. 33 + 34. marked
S. C. with 3 notches on E. & W.
edges, and raised a mound of
stone 2 ft. high, alongside,
Pits impracticable.

Land Rolling & Broken,
Soil sandy, rocky, & poor,
No timber, considerable brush.

East on S. Boundary Sec. 34.

Var. $12^{\circ}40' E.$

17.00 Foot of Hill & enter flat

40.00 Set a post 2 ft. long, 3 ins. square
with marked stone, 12 ins. in the
ground, for $\frac{1}{4}$ Sec. cor, marked
S. C. $\frac{1}{4}$ S. on N. face, dug

Second Standard Parallel S.
through R. 30 E. continued

chains.

pits 18+18+12 ins. E. & W. of post
5½ ft. dist. and raised a
mound of stone, 1½ ft. high,
3½ ft. base around post.

8000 Set volcanic rock 14+9+5 ins.
10 ins. in the ground, for Stand-
ard Cor. to Secs. 34 & 35. marked
S. C. with 2 notches on E. and
4 notches on W. edges, and
raised a mound of stone
alongside, pits impracticable.
Land mostly flat
Soil stony & poor.
No timber.

East on S. Boundary Sec 35.
Var. 12° 40' E.

4000 Set volcanic rock 15+7+5 ins.

Second Standard Parallel S.
through R. 30 E. continued

chains.

10 ins. in the ground, for $\frac{1}{4}$ Sec.
Cor., marked S. C. $\frac{1}{4}$ on N. face,
and raised a mound of stone
alongside. pits impracticable.

80.00 Set volcanic rock $18+9+6$ ins.

12 ins. in the ground, for
Standard Cor. to Secs. 35+36
marked S. C. with 1 notch
on E. and 5 notches on W. edges,
and raised a mound of stone
alongside, Pits impracticable.

Land flat

Soil poor & stony
No timber.

East on S. Boundary Sec. 36
Ver. $12^{\circ}40' E.$

Second Standard Parallel S.
through R. 30. E. continued

- chain
- 16.50 Foot of S. end of rocky ridge of mountain - the Peloncillo Mountains. & ascend -
- 40.00 Set volcanic rock $15 \times 9 \times 6$ ins. 10 ins. in the ground for $\frac{1}{4}$ sec cor. marked S. C. $\frac{1}{4}$ on N. face, and raised a mound of stone, alongside, pits impracticable.
- 56.00 Top of ridge 200 ft. high, extending S.
- 75.00 Foot of ridge on E.
- 77.25 Rocky gulch 15 lbs wide come S.
- 80.00 Set a volcanic rock $15 \times 8 \times 8$ ins. 10 ins. in the ground, for Standard Cor. to Sp 10 S. R 30. & 31 E. marked S. C. with 6 notches on N. E. & W. edges, and raised a mound of stone alongside
Pits impracticable.

Second Standard Parallel S.
through R. 30 E. continued

Chino

Land mountainous, rocky &
barren

Soil worthless

No timber.

Jan. 26th 1882.

Second Standard Parallel S.
through R. 30. E. continued

General Description.

The 2^d Standard South
S. Boundary S. 10 S. in
Range 30 E. passes over a
surface in places rolling
uneven & broken, then flat
and again ascending N +
E. On the E. end of the line
it ascends the west slopes of
the Peloncillo Mountains,

The soil is poor and stony
There is no timber of any
consequence along the line,

Theodore H. White

U. S. Dep. Surveyor.

Second Standard Parallel South
through Range 31 E. Gila & Salt
River Meridian.

chain

From the Standard Cor. to
Townships 10 S. R. 30. & 31 E.
just established Iron East
on 2^d Standard South it
being S. Boundary T. 10 S.
R. 31 E. on S. By Sec. 31.
Var. $12^{\circ}40' E.$

as per Solar Compass.

- 10.50 Top of point of ridge 75ft high
20.50 Rocky gulch 15lks wide course S.
27.00 Top of ridge 100ft^{high} extending S.
38.00 Gulch 20lks wide course S.
40.00 Set volcanic rock 15x10 & 10ins
10ins. in the ground, for $\frac{1}{4}$ Sec.
Cor. marked S. C. $\frac{1}{4}$ on N. face,
and raised a mound of stone
along side. Pits impracticable.
47.00 Point of ridge extending S.W.

Second Standard Parallel S.
through R. 31 E. continued

chains.

- 59.60 Rocky gulch 12 lks wide course S.
 62.60 Rocky gulch 15 lks wide course S.
 65.00 Foot of ridge and ascend
 75.50 Top 100ft. high extending S.
 80.00 Set Volcanic rock. 13+9+6 ins.
 pins in the ground, for Standard
 cor. to Secs. 31+32. marked
 S. C. with 5 notches on E. and
 1 notch on W. edges, and raised
 a mound of stone alongside
 Pits impracticable.

Land unmountainous & rocky
 & barren.

Soil worthless

No timber.

East on S. Boundary Sec. 32.
 Var. $12^{\circ} 40' E.$

Second Standard Parallel South
through R 31 E. continued

Chains

- 0.10 Rocky gulch 150ks wide, corner S.W.
- 9.00 Rocky ridge extending S.W.
- 28.00 Top of divide on main ridge
of the Peloncillo Mountains.
- 37.00 Foot of ridge on E. side.
- 40.00 Set a volcanic rock 12+10+6 ins.
8 ins. in the ground, for 1/4 Sec.
Cor. marked S. C. 1/4 on N. face,
and raised a mound of stone
alongside Pit impracticable.
- 47.00 A second ridge of the Mount-
ains extending W.
- 80.00 Set a post 4 ft. long, 4 ins. square
with marked stone 12 ins. in the
ground, for Standard Cor.
to Secs. 32 & 33. marked -
S. C. S. 10 S. R. 31 E. on N.
S. 33 on E. and
S. 32 on W. faces, with 4 notches

Second Standard Parallel S.
through R. 31 E. continued

chains

on E. and 2 notches on W. face,
all raised a mound of stone
2 ft. high, 4 1/2 ft. base around post.
Pits impracticable.

Land unmountainous, the
line crosses the main divide
of the Peloncillo Mountains
in a low place.

Soil rocky & poor.

No timber.

East on S. Boundary Sec. 33.
Var. $12^{\circ} 40'$ E.

- 5.00 Foot of second ridge on E.
11.00 Ascend
17.00 Top of ascend & descend
40.00 Set a post 3 ft. long, 3 ins. square
with marked stone, 12 ins. in

Second Standard Parallel S.
through R. 31 E. continued

chains

the ground, for $\frac{1}{4}$ Sec. cor.
marked S. C. $\frac{1}{4}$ S. on N. face,
dug pits $18+18+12$ ins. E & W.
of post $5\frac{1}{2}$ ft. dist. and raised
a mound of earth $1\frac{1}{2}$ ft. high
 $3\frac{1}{2}$ ft. base, around post,

44.00 Bottom of descent on E. & descend
more gently.

80.00 Set volcanic rock $15+8+6$ ins.
 10 ins. in the ground, for Stand-
ard cor. to Secs. 33 & 34.

marked S. C. with 3 notches
on E. & W. edges, and raised
a mound of stone alongside
Pits impracticable.

Land rolling & descending E.
Soil worthless.

No timber.

Second Standard Parallel S.
through R. 31. E. continued

chains

East on S. Boundary Sec. 34.
Var. 12 ^{30'} ~~40'~~ E.

as per observation with Solar
Compass.

40.00 Set volcanic rock 12 + 10 + 7 ins.

8 ins. in the ground, for $\frac{1}{4}$ Sec.

Cor. marked S. C. $\frac{1}{4}$ on N.

face, dug pits 18 + 18 + 12 ins.

E + W. of stone, 5 $\frac{1}{2}$ ft. dist.

and raised a mound of
earth 1 $\frac{1}{2}$ ft. high 3 $\frac{1}{2}$ ft. base
alongside. Ascend,

65.00 Top of Ascend & descend,

76.00 Bottom.

80.00 Set volcanic rock 15 + 8 + 6 ins.

10 ins. in the ground, for Stand-

ard Cor. to Secs. 34 + 35. marked

S. C. with 2 notches on E. & 4

notches on W. edges, dug

Second Standard Parallel S.
through R. 31. E. continued

chains

pits. 18+18+12 ins. N. E. & W. of
stone, 5½ ft. dist. and raised
a mound of earth, 2 ft. high,
4½ ft. base alongside.
Land rolling, some good
soil -
No timber.

East on S. Boundary Sec. 35.
Var. 12° 30' E.

- 2.00 Ascend
5.00 Top of ascend
38.00 Top of rise
40.00 Set volcanic rock 12+10+6 ins.
8 ins. in the ground, for ¼
Sec. cor. marked S. C. ¼ on N.
face, dug pits 18+18+12 ins.

Second Standard Parallel S.
through R. 31 E. continued

chains

E & W. of stone $5\frac{1}{2}$ ft. dist. and
raised a mound of earth $1\frac{1}{2}$ ft.
high, $3\frac{1}{2}$ ft. base alongside.

50.00 Dry wash 12 lbs wide course N.
& foot of ridge,

57.00 Top.

80.00 Set volcanic rock, $12 \times 12 \times 5$ ins.

8 ins. in the ground, for Stand-
ard Cor. to Secs. 35 & 36. marked
S. C. with 1 notch on E. & 5 notches
on W. edges, and raised
a mound of stone alongside.
Pits impracticable.

Land Rolling

Soil 2^d rate

No timber.

Second Standard Parallel S.
through R. 31. E. continued.

chains

Cast on S. Boundary Sec. 36
Ver. $12^{\circ} 30' E.$

40.00

Set volcanic rock $12 \times 10 \times 6$ ins.
8 ins. in the ground, for $\frac{1}{4}$ Sec.
Cor. marked S. E. $\frac{1}{4}$ on N.
face, dug pits $18 \times 18 \times 12$ ins.
E & W. of stone $5\frac{1}{2}$ ft. dist. and
raised a mound of earth
 $1\frac{1}{2}$ ft. high, $3\frac{1}{2}$ ft. base along-
side,

80.00

Set volcanic rock $12 \times 10 \times 7$ ins.
8 ins. in the ground, for Standard
Cor. to Tps. 10 S. R's 31 & 32 E.
marked S. E. with butches on
N. E & W. edges, dug pits 24×18
 $\times 12$ ins. crosswise on each line,
N. E & W. of stone, 4 ft. dist. and
raised a mound of earth 4 ft
high, 7 ft. base alongside.

Second Standard Parallel S.
through, R. 31 E. continued

Land gently rolling, and
descending N.

Soil 2d. rate

No timber

Jan 27. 1882.

Second Standard Parallel S.
through R. 31 E. continued

General Description
The second Standard
South S. Boundary T. 100.
in Range 31 E. passes
over the Peloncillo Range
of Mountains, through a
comparatively low place in
the Mountains.

On the E. end of the line
the surface is rolling &
descending E. The soil is
mostly poor and stony.
There is no timber along
the line.

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

1st Standard Parallel South
through Range 31. E. Gila &
Salt River Meridian

At a point 72.85 chs. East
of the closing cor. on the
1st Standard Parallel
South it being the closing
cor. to Sp. 6 S. Rs. 31 & 32 E.

I set a feldspathic rock 15 x 10 x
7 ins. 10 ins. in the ground, for
Standard cor. to Sp. 5 S.

R's 31 & 32 E. 72.85 chs is the
calculated allowance for
convergence at this point.

I mark the stone S. C. with
6 notches on N. E. & W. edges,
dug pits 24 x 18 x 12 ins. cross-
wise on each line, N. E. & W.
of stone 6 ft. dist. and raised
a mound of earth 2 1/2 ft.
high, 5 ft. base alongside.
Thence I run West on

1st Standard Parallel S.
through R. 31 E. continued

chains

South Boundary Sec. 36.

Var. 13° 00' E.

as per observation with
Solar Compass.

40.00 Set a feldspathic rock 12 + 9 + 7
ins. 8 ins. in the ground, S.C.
for 1/4 Sec. cor. marked 1/4
on N. face, dug pit 18 + 18 + 12
ins. E + W. of stone 5 1/2 ft.
dist. and raised a mound
of earth 1 1/2 ft. high, 3 1/2 ft.
base alongside.

(72.85) The closing cor. to S. 6 S.
Rs. 31 + 32 E. just recently
established.

80.00 Set a Porphyry rock 12 + 8 + 6
ins. in the ground for
Standard Cor. to Secs. 35 + 36
marked S. C. with notch

1st Standard Parallel S.
through R. 31 E. continued

chains

on E. and 5 notches on W.
edges, dug pits 18 + 18 + 12 ins.
N. E. + W. of stone, 5 1/2 ft. dist.
and raised a mound of stone
2 ft. high, 4 1/2 ft. base alongside.
Land high rolling & broken,
Soil 3^d rate
No timber.

West on S. Boundary Sec. 35.
Var. 19° E.

16.00 Ridge extending S. W.
4000 Set a Porphyry rock 16 + 12 + 6 ins.
11 ins. in the ground, for 1/4 Sec.
Cor. marked S. E. 1/4 on W. face,
and raised a mound of stone
alongside, pits impracticable.

1st Standard Parallel S.
through R. 31 E. continued

chains

55.00 Ridge 200ft. high, extending S.W.

73.15 Dry wash 15 lbs wide course S. W.

80.00 Set a post 4 ft long, 4 ins. square
with marked stone, 12 ins. in
the ground, for Standard
Cor. to Secs. 34 & 35. marked
S. C. T. 5 S. R. 31 E. on N.

S. 35 on E. and

S. 34 on W. faces, with 2 notches
on E. and 4 notches on W. faces,
and raised a mound of stone
2ft. high, 4 1/2 ft. base around
post. Pit impracticable.

Land high and rolling
Soil stony & poor
No timber.

West on S. Boundary Sec. 34.

1st Standard Parallel S.
through R. 31. E. continued
X

chains

Var. 13° E.

- 8.00 Top of ridge extending S. W.
17.00 Top of ridge extending S. W.
34.00 Top of high ridge 200ft high,
extending S. W. & descend
steeply into Cañon.
40.00 Set a granite 12 x 8 x 7 ins.
8 ins. in the ground, for 1/4 sec.
Cor. marked S. C. 1/4 on N. face,
and raised a mound of stone
alongside, Pts impracticable.
67.70 Enter Cañon & dry wash course S. W.
69.70 Leave dry wash
79.00 Leave Cañon and ascend
80.00 Set a post 4 ft. long, 4 ins. square
with marked stone, 12 ins. in
the ground, for Standard Cor.
to Secs. 33 & 34. marked
S. C. T. 5 S. R. 31 E. on N.

1st Standard Parallel S.
through R. 31. E. continued

Chain

S. 34 on E. and

S. 33 on W. faces, with 3 notches
on E. & W. faces, and raised
a mound of stone, 2 ft. high,
4 1/2 ft. base around post.

Pits impracticable.

Land high & rolling & broken
Soil stony & poor.

No timber, some scattering *Juniper*

January 31. 1882

West on S. Boundary Sec. 33
Var. 13° E.

- 1.75 Top of tableland extending S. W.
5.00 Descend into gulch running S. W.
8.20 Bottom of gulch 20 lbs wide corner S. W.
12.50 Ascend to top of mesa again.
4.00 Set a rock 12 + 8 + 6 ins. 8 ins. in

1st Standard Parallel S.
through R. 31 E. continued

chains

the ground, for $\frac{1}{4}$ Sec. cor. marked
S. C. $\frac{1}{4}$ on N. face, and raised
a mound of stone alongside.

Pits impracticable.

8000 Set a post 4 ft. long, 4 ins square
with marked stone, 12 ins. in
the ground, for Standard
Cor. to Secs. 32 & 33. marked
S. C. T. 5 S. R. 31 E. on N.

S. 33. on E. and

S. 32 on W. faces, with 4 notches
on E and 2 notches on W. faces,
and raised a mound of stone,
2 ft. high, $4\frac{1}{2}$ ft. base around
post, Pits impracticable.

A Juniper 8 ins. diam. on N. 80° W. 142 lbs dist.

marked T. 5 S. R. 31 E. S. 32 B. T.

Mostly table land sloping W.
Soil stony & poor, some scattering
Juniper trees.

1st Standard Parallel S.
through R. 31 E. continued

chains

West on S. Boundary Sec. 32.
Var. 13° E.

- 26.75 Descend from Mesa
39.15 Dry wash 20 lks wide course S. W.
40.00 Set a post 3 ft long, 3 ins. square,
with marked stone, 12 ins. in
the ground, for $\frac{1}{4}$ Sec. cor.
marked, $\frac{1}{4}$ S. on N. face,
and raised a mound of stone
 $1\frac{1}{2}$ ft. high, 3 ft. base around
post, Pits impracticable.
- 48.62 Bluff Bank + ascend
54.50 Top of Mesa.
60.50 Leave Mesa
75.00 Enter Cañon running S. W.
80.00 Set a post 4 ft. long, 4 ins.
square, with marked stone,
12 ins. in the ground, for
Standard Cor. to Secs. 31 + 32.

1st Standard Parallel S.
through R. 31 E. continued

Chiaus

marked

S. C. T. 5 S. R. 31 E. on N.

S. 32 on E. and

S. 31 on W. faces, with 5 notches
on E. and 1 notch on W. faces,

dug pits 18+18+12 ins. N. E. &

W. of post, 5 1/2 ft. dist. and

raised a mound of stone

2 ft. high, 4 1/2 ft. base around

post. from which

a Mesquite 10 ins. diam. to S. 48° W. 186 lbs. dist.

marked S. 5 S. R. 31 E. S. 6 B. T.

Land Broken Mesa land

Soil stony & poor.

Scattering trees, and brush
along Washes.

1st Standard Parallel S.
through R. 31 E. continued

chains

West on S. Boundary Sec. 31
Var. 13° E.

- 2.30 Dry wash course S. W.
8.60 Leave Wash
20.00 Ridge extending S. W.
24.00 Gulch 200ks wide course S. W.
40.00 Set volcanic rock 14+12+9 in
10 ins. in the ground, for $\frac{1}{4}$ Sec
cor. marked S. C. $\frac{1}{4}$ on N. face,
and raised a mound of stone
alongside. Pits impracticable
44.50 Ridge extending S. W.
52.00 High bluff of mesa & descend
46.90 Top of ridge course S. W.
80.00 Set a post 4 ft. long, 4 ins. square
12 ins. in the ground, for Stand-
ard cor. to $\frac{1}{4}$ S. R. 30+31 E.
marked S. C. S. S. on N.
R. 31 E. S. 31 on E. and

1st Standard Parallel S.
through R. 31 E. continued

chains

R. 30 E. S. 36 on W. face, with
6 notches on N. E. & W. faces, dug
pits 24 + 18 + 12 ins. crosswise on
each line N. E. & W. of post 6 ft
dist. and raised a mound of
stone 2 1/2 ft. high 5 ft. base,
around post.

Land very broken

Soil poor

No timber.

1st Standard Parallel S.
through R. 31 E. continued

General Description

The First Standard
South - S. Boundary S. 5
S. in Range 31 E. passes
over a high, rolling and
broken surface north of
the Gila River. The
Land is poor and stony.
There is no timber along
the line except occasional
Juniper trees along the
Washes,

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

1st Standard Parallel South
through Range 30 E. Gila & Salt
River Meridian.

chains

From the Standard Cor. to
Townships. 5 S. R. 30 & 31 E.
just established from West
on 1st Standard South, it
being S. Boundary N. 5 S.
R. 30 E. on S. By Sec. 36
Var. $12^{\circ} 45' E.$

as per Solar Compass.

15.64 Dry wash course S. W.

16.24 Leave wash.

26.00 Ridge extending S. W.

40.00 Set a post 2 ft. long 3 ins. square,
with marked stone 12 ins. in
the ground, for $\frac{1}{4}$ Sec. cor. marked
S. E. $\frac{1}{4}$ S. on N. face, and
raised a mound of stone $1\frac{1}{2}$
ft. high 3 ft. base around post
Pits impracticable.

1st Standard Parallel S.
through R. 30 E. continued

chains

71.50 Descend from high mesa
extending S. W.

75.58 Dry Gulch S. W.

80.00 Set a post 4 ft long, 4 ins square
with marked stone 12 ins. in
the ground, for Standard
Cor. to Sec. 35 & 36. marked
S. C. S. 5 S. R. 30 E. on N.

S. 36 on E. and

S. 35 on W. faces. with 1 notch
on E. and 5 notches on W. face,
and raised a mound of stone
2 ft. high, 4 1/2 ft base, around
post. Pits impracticable

Land very broken

Soil stony & poor.

Scattering trees along
washes.

1st Standard Parallel S.
through R. 30 E. continued

chains

West old S. Boundary Sec. 35.
Var. $12^{\circ}45' E.$

- 7.00 Top of ridge extending S. &
descend.
- 11.40 Dry gulch course S.
- 22.00 Top of table land
- 27.25 Road from Silver City to
Clifton, ^{course} N.
- 40.00 Set volcanic rock $16+10+7$ ins.
11 ins. in the ground, for $\frac{1}{4}$ sec. cor.
marked S. C. $\frac{1}{4}$ on N. face, and
raised a mound of stone along-
side, pits impracticable.
- 71.00 Descend from high table land
100 ft. high
- 77.00 Enter Cañon course S.
- 80.00 Set a post 4 ft. long, 4 ins. square
with marked stone 12 ins. in the
ground, for Standard cor. to Secs.

1st Standard Parallel S.
through R. 30 E. continued

chains

34 & 35, marked -
 S. C. J. S. R. 30 E. on N.
 S. 35 on E. and
 S. 34 on W. faces, with 2 notches
 on E, and 4 notches on W. faces,
 and raised a mound of stone
 4 ft. high, 4 1/2 ft. base around
 post. Pits impracticable.
 Land broken flat mesas.
 Soil poor & stony.
 No timber.

West on S. Boundary Sec. 34
 Var. 12° 45' E.

- 4.65 Dry wash course S.
- 9.00 Leave wash
- 13.00 Top of mesa
- 21.70 Dry gulch course S.

1st Standard Parallel S.
through R. 30 E. continued

- | chains | |
|--------|---|
| 26.70 | Top of Mesa again |
| 39.00 | Descend 75 ft. |
| 40.00 | Set volcanic rock 24+12+8 ins
18 ins. in the ground for $\frac{1}{4}$ sec.
Cor. marked S. C. $\frac{1}{4}$ on N. face,
and raised a mound of stone
alongside, Pits impracticable. |
| 43.30 | Enter Cañon |
| 45.20 | Dry wash 12 lbs wide course S. |
| 48.30 | Leave Cañon |
| 53.40 | Top of Mesa |
| 58.30 | Leave Mesa |
| 65.00 | Foot of Mesa & enter Gila River
Bottom |
| 71.00 | Nicolas Olguin house 150 lbs S. |
| 73.60 | Road course N. then N. W. |
| 76.96 | Right bank Gila River ^{course} N. then
N. W. Set a post 4 ft long, 4 ins. square
with marked stone 12 ins. in the |

1st Standard Parallel S.
through R. 30 E. continued

chains.

ground for Witness Standard cor-
to Secs. 33 & 34. marked -
S. C. S. 5 S. R. 30 E. W. C. on N.
S. 34 on E. and
S. 33 on W. faces. with 3 notches
on E. and W. faces, dug pits
18 x 18 x 12 ins. N. E. & W. of post
5 1/2 ft. dist. and raised a mound
of earth 2 ft. high, 4 1/2 ft. base
around post. I set flag on line
on left Bank measure off
base line 100 lbs S. from the
end of which flag br. N. 57° 20' W.
the distance across River is therefore
125 lbs or.

78.21 to left Bank.

80.00 Set a post 4 ft. long, 4 ins. square
with marked stone, 12 ins. in
the ground, for Standard.

1st Standard Parallel.
through R. 30 E. continued

chains

Cor. to Secs. 33 & 34. marked
S. C. T. 5. S. R. 30 E. on N.

S. 34 on E. and

S. 33 on W. faces, and raised a
mound of stones, 2 ft high,
4 1/2 ft. base around post.

from which

a Cottonwood 18 ins. diam. br. h. 56' E. 22.4' dist.

marked S. 5 S. R. 30 E. S. 34 B. T.

Land broken

Some good soil along river bottom

Some cottonwoods & Willows along River
Bottom.

West on S. Boundary Sec. 33

Var. 12° 45' E.

0.50 Irrigating ditch course N. W.

0.78 Road along bottom course N. W.

1st Standard Parallel S.
through R. 30 E. continued

chains

4.50 Pass over little point

10.00 Enter Bottom again

13.86 Road course S. W.

32.30 House of Juan Mariano 50 lks S.

40.00 Set a post 3 ft. long 3 in. square
with marked stone 12 in. in
the ground, for $\frac{1}{4}$ Sec. cor.
marked S. C. $\frac{1}{4}$ S. on N. face
and raised a mound of stone
around post, from which
a Cottonwood 20 in. diam. brs N. 80° E. 232 lks. dist.
marked $\frac{1}{4}$ S. B. N.

42.95 Left Bank of Gila River corner
S. then S. W. set a post for
witness point, and set flag
on line on opposite side, measure
off base line 100 lks N. from the
end of which flag brs S. 60 $\frac{3}{4}$ W.
distance across river is therefore
179 lks. or.

1st Standard Parallel S.
through R. 30. E. continued

Chains

- 44.74 To Right bank. Set a lava rock $18+12+9$ ins. 12 ins. in the ground for witness point, marked N. C. $1/4$ on N. face, and raised a mound of stone along side.
- 59.00 Top of Mesa
- 64.10 Gulch 10 lks wide course S.
- 72.00 Top of Mesa again
- 80.00 Set a post 4 ft. long, 4 ins. square, with marked stone 12 ins. in the ground, for Standard Cor. to Secs. 32 + 33 marked S. C. N. 5 S. R. 30 E. on N. S. 33 on E. and S. 32. on W. faces, with 4 notches on E. and 2 notches on W. faces, dug pits $18+18+12$ ins. N. E. + W. of post. $5\frac{1}{2}$ ft. dist. and raised a

1st Standard Parallel S.
through R. 30 E. continue

chain

mound of earth 2 ft. high,
4 1/2 ft. base around post.

Land broken, some good
Soil along river Bottom
Some Cottonwood & Willow
along River Bottom.

West on S. Boundary Sec 32.
Var. 12° 30' E.

as per Solar Compass

23.50 Ridge extending N.

39.50 Dry wash course S. W.

40.00 Set a post 2 ft. long, 3 ins. square
with marked stone, 12 ins. in
the ground, for 1/4 Sec. cor. mark

S. C 1/4 S. on N. face and raised
a mound of stone around
post, Pit impracticable

1st Standard Parallel S.
through R. 30. E. continued

chains

from which a mesquite
6 ins. diam. to N. $1\frac{1}{2}^{\circ}$ E. 221 lks dist.
marked $\frac{1}{4}$ S. B. P.

40.20 Dry wash 20 lks wide course S. W.

57.07 Point on high bank overlooking
Cañon in which runs the
river, at this place there is no
bottom along river, I raise a
mound of stone 3 ft high as
witness point and set flag at
the point across Cañon & set
instrument on line on W. side
of river measure of base line
600 lks S. from the end of
which flag bears N. 65° E.
distance therefore 12.87 lks on.

63.94 To top of Mesa overlooking
Cañon on W. side of river

80.00 Set volcanic rock 14 + 8 + 6 ins.

1st Standard Parallel S
through R. 30 E. continued

chains

10 ins. in the ground, for Standard Cor. to Secs. 31 & 32. marked S. C. with 5 notches on E & 1 notch on W. edges, and raised a mound of stone alongside. Pits impracticable, Land broken Soil poor No timber.

West on S. Boundary Sec. 31
Var. $12^{\circ} 30' E.$

- 5.00 Leave Mesa & descend
8.00 Gulch 12 lbs wide course N.
9.80 Top of Mesa again
31.00 descend
34.00 Enter Cañon course N. E.
40.00 Set a post 9 ft. long, 3 ins. square

1st Standard Parallel S.
through R. 30. E. continued

chains

with marked stone 12 ins. in
the ground for $\frac{1}{4}$ sec. cor,
marked S. C. $\frac{1}{4}$ S. on N. face,
dug pits, 18 + 18 + 12 ins. E. & W.
of post. $5\frac{1}{2}$ ft. dist. and raised
a mound of stone around
post.

42.50 Dry wash 50 lks wide

53.50 ascend to high table land
again.

80.00 Set a post $4\frac{1}{2}$ ft. long, 4 ins.
square, with marked stone
12 ins. in the ground, for
Standard Cor. to Tps. 5 S.
R's 29 + 30 E. marked
S. C. N. 5 S. on N.
R. 30 E. S. 31 on E. and
R. 29 E. S. 36 on W. faces, with
6 notches on N. E. & W. faces,

1st Standard Parallel S.
through R. 30 E. continued

chains

and raised a mound of stone
3ft. high, around post,
Pits impracticable.

Mesa land cut by Cañons
& Washes.

Soil stony
No timber

February 1. 1882.

1st Standard Parallel S.
through R. 30 E. continued

General Description

The first Standard
South - S. Boundary N
5 S. - in Range 30 E. passes
over a broken surface,
It crosses the Gila River in
three places, There is a
little good land, along
the River Bottom here &
there, otherwise the soil is
poor,

There is some Cottonwood,
and Willow timber along
the river

Theodore J. White
U. S. Dep. Surveyor.



A List of the Names of Individuals employed by
Pho. J. White U. S. deputy
 surveyor, to assist in running, measuring, or marking the lines
 and corners described in the foregoing Field Notes of the survey
 of the first Standard South through Range
 30 & 31 East & the second Standard
 South through Ranges²⁷ 28, 29, 30 & 31
 East of the Gila & Salt River Base &
 Meridian.

Showing the respective capacities in which they acted.

- J. H. McClure* Chainman.
- J. O. Ford* Chainman
- Geo. J. Pyatt* Chainman.
- Jos. Schwarz* Chainman
- John Blake* Axeman.
- Samuel Van Pelt* Flagman.



91
Final Oath of Assistants.

BOOK 1501

We hereby certify that we assisted *Geo. F.*

White

U. S. Deputy Surveyor, in surveying

all those parts or portions of *the first Standard*
South through Ranges 30 & 31 East &
the second Standard South through
Ranges²⁷ 28, 29, 30 & 31 East of the Gila
& Salt River Base & Meridian

as are represented in the foregoing field notes as having been surveyed by him and under his direction; and that said Survey has been in all respects, to the best of our knowledge and belief, well and faithfully surveyed and the corner monuments established according to the instructions furnished by the United States Surveyor-General for Arizona.

J. H. McElure Chainman.

J. O. Ford Chainman.

Geo. W. Wyatt Chairman

Jos. Schwarz Chairman

John Blake Assessor

Saml. J. Ontelt Flagman

Sworn to and subscribed before me, this *6th* day of

March, 1882

Paul Piecker
Notary Public Pima
County Arizona

Final Oath of Deputy Surveyor. 92

BOOK 1501

I, Rev. J. White.

U. S. Deputy Surveyor, do solemnly swear that in pursuance of instructions received from John Wasson, United States Surveyor-General for Arizona, bearing date the

day of _____ 188____, I have well, faithfully and truly, in my own proper person, and in strict conformity with the instructions furnished by the United States Surveyor-General for Arizona, the Surveying Manual, and the laws of the United States, surveyed all those parts or portions of

the first Standard South, through Ranges, 30 & 31 East & the second Standard South through Ranges, 28, 29, 30 & 31 East, of the Gila & Salt River Base & Meridian

_____ as are represented in the foregoing Field Notes as having been surveyed by me and under my direction; 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, printed instructions, the special instructions of the United States Surveyor-General for Arizona, and in the specific manner described in the

9 93 field notes, and that the foregoing are the true Field Notes of such survey, and should any fraud be detected I will suffer the penalty of perjury, under the provisions of an act of Congress approved August 8, 1846

Theodore F. White

U. S. Deputy Surveyor.

Sworn to and subscribed before me this 6th day of

March, 1882



Paul Riecker
Notary Public Pima
County Arizona.

BOOK 1501

U. S. Surveyor General's Office,
Tucson, Arizona, April 19, 1882

The foregoing Field Notes of the survey of the
1st Standard South thro' Ranges 30 + 31
East & the 2nd Standard South through
Ranges 27, 28, 29, 30 and 31

of the Gila and Salt River Base and Meridian, Arizona,
executed by Theodore D. White
D. S., under his contract of the 17th day of
October, 1881, 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 Masson

Surveyor General.