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Field Notes

OF THE SURVEY OF

*the 3rd Standard Parallel
South thro' Ranges 26, 27,
28 and 29 East*

BOOK 1491

1491

Gila and Salt River Base and Meridian

ARIZONA.

By *Jes. F. White* D. S.

Under contract dated *Dec 6 - 1881.*

Survey commenced *Feb 10. 1882*

Survey completed *Feb 13. 1882*

1491

Copied

BOOK 1491^{1A}

Field Notes of the

3rd Standard South through

Ranges 26. 27. 28. 29^e.

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BOOK 1491

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Preliminary Oaths of Assistants.

Standard Line

We, J. H. McClure, J. O. Ford, Geo. T. Wyatt
and Jos. Schwarz

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 3^d Standard Parallel South, through
Ranges Nos. 26, 27, 28 & 29 East,
Gila & Salt River Bas & Meridian

J. H. McClure
J. O. Ford
Geo. T. Wyatt
Jos. Schwarz

Sworn to and subscribed before me, this 10th day of

March 10, 1882 Paul Riccker
Notary Public Pima
County, Arizona.

We, John Blake & Saul. H. Van Pelt.

do solemnly swear that we will well and truly perform the duties of Adman & Magman 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 3^d Standard Parallel South, through Ranges Nos. 26, 27, 28 & 29 East, Gila & Salt River Base & Meridian.

John Blake
James Van Pelt

Sworn to and subscribed before me this 10th day of March 10, 1882

Paul Rice
Notary Public Pima
County, Arizona



3^d Standard Parallel South
through Range 26 E. Gila & Salt River Meridian

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

Survey commenced March 10. 1882.

I begin at the Standard Cor.
to Townships 15 S. R. 25 & 26 E.
which is a mound of earth 2 1/2 ft
high, with pits 1 ft. deep 3 ft. long
1 1/2 ft. wide and in center of pit
E of mound is a stake marked
& notched 2 ins. square, firmly
in the ground, and all established
as per instructions of old Manual
for Standard Cor. to Tps 15 S. R.
25 & 26 E.

Thence I run East on 3^d
Standard South, it being

3^d Standard Parallel S. through R. 26 E. continued

chain

S. Boundary of R. 15 S. in R. 26 E. on S. Boundary Sec 31.

Var. $12^{\circ} 31' E$.

as per observation with Solar Compass.

40.00

Deposited a charred stake 12 ins. in the ground, for ^{Standard} $\frac{1}{4}$ sec.

Cor. dug pits $18 \times 18 \times 12$ 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 S. C. 44 S. on N. face.

80.00

Deposited a charred stake, 12 ins. in the ground, for Standard Cor. to Secs. 31 & 32. dug pits $18 \times 18 \times 12$ ins. N. E. & W. of cor. $5\frac{1}{2}$ ft. dist. and raised a mound of earth 2 ft. high, $4\frac{1}{2}$ ft. base over it.

1491

3^d Stand. ^a Parallel S. through R. 26 E. continued

chains

In E. pit drove a stake 12 ins.
square 2 ft. long, 12 ins. in the
ground, marked
D. 15 S. R. 26 E. S. Cor. N.
S. 32 on E. and
S. 31 on W. face, with 5 notches
on E. and 1 notch on W. face,
Land flat
Some good soil
Some Bush no timber.

East on S. Boundary Sec. 32.
Cor. $12^{\circ} 31' E.$

4000 Deposited a charred stake 12 ins.
in the ground for Standard $\frac{1}{4}$
sec. cor. dug pits $18 \times 18 \times 12$ 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.

3^d Stand. Parallel S. through R. 26 E. continued

chain

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

72.66 Run Road course N. E.

80.00 Deposited a charred stake 12 ins. in the ground, for Standard Cor. to Secs. 32 + 33. dug pit 18 + 18 + 12 ins. N. E. + W. of cor. $5\frac{1}{2}$ 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 2ft. long, 2ins. square 12 ins. in the ground, marked - D. 15. S. R. 26 E. S. C on N. S 33 on E. and S. 32 on W. face, with 4 notches on E. and 2 notches on W. face. Land descending a little W.

3^d Stand. Parallel S. through R. 26 E. continued

chain

Some good soil
no timber.

East on S. Boundary Sec. 33.
Var. $12^{\circ} 31' E$

40.00

Deposited a charred stake, 12 ins. in the ground, for Standard $\frac{1}{4}$ Sec. Cor. dug pits 18+18+12 ins. Ex N. 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 S. C $\frac{1}{4}$ S. on N. fac.

80.00

Deposited a charred stake, 12 ins. in the ground, for Standard Cor. to Secs. 33 & 34. dug pits 18+18+12 ins. N. E. & N. of cor. $5\frac{1}{2}$ ft. dist.

3^d Stand. Parallel S. through R. 26 E. continued

chains

and raised a mound of earth
2 ft. high, 4 1/2 ft. base over it.
In E pit drove a stake 2 ft.
long, 2 ins. square, 12 ins. in
the ground, marked
D. 15 S. R. 26 E. S. C. on N.
S. 34 on E. and
S. 33 on W. faces, with 3
notches on E & W. faces.
Land descending a little W.
Soil 2^d rate
No timber.

East on S. Boundary Sec. 34
Var. $12^{\circ} 31' E$.

4000 Deposited a charred stake 12
ins. in the ground, for Standard
1/4 sec. cor. dug pit 18 x 18 x 12 ins.

3^d Stand. Parallel S. through R. 26 E. continued

chains

E & W. of cor. $5\frac{1}{2}$ ft. dist. and raised a mound of earth $1\frac{1}{2}$ ft. high, $9\frac{1}{2}$ 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.

8000

Deposited a charred stake 12 ins. in the ground for Standard Cor. to Secs. 31 & 32. dug pit $18 \times 18 \times 12$ ins. N. E & W. of cor.

$5\frac{1}{2}$ 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 ft. long 2 ins. square 12 ins. in the ground, marked S. 15 S. R. 26 E. S. C on N.

S. 35 on E. and

S. 34 on W. faces, with 2 notches on E. and 4 notches on W. faces.

Land Plain.

3^d Stand. Parallel S. through R. 26 E. continued

chain

Soil 2^d rate
No timber.

East on S. Boundary Sec. 35.
Var. $12^{\circ} 31' E.$

- 40.00 Deposited a charred stake 12
ins. in the ground, for Standard
 $\frac{1}{4}$ Sec. cor. dug pits $18 \times 18 \times 12$ E. & N.
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 S. C. $\frac{1}{4}$ S. on N. face.
- 80.00 Deposited a charred stake, 12
ins. in the ground, for Standard
Cor. to Secs. 35 & 36. dug pits
 $18 \times 18 \times 12$ ins. N. E. & N. of cor.

3^d Stand. Parallel S. through R 26 E. continued

chains

5 1/2 ft. dist. and raised a mound
of earth 2 ft. high, 4 1/2 ft. base over it.
In C. pit drove a stake 2 ft long
2 ins. square, 12 ins. in the ground, quarter
S. 15 S. R. 26 E. S. C. on N.

S. 36 on E. and

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

Land Plain

Soil 2^d rate

No timber.

East on S. Boundary Sec 36.

Var. $12^{\circ} 31' E.$

4000 Deposited a charred stake 12 ins.
in the ground, for Standard
1/4 Sec. cor. dug pits 18 x 18 x 12 E. & N.
of cor. 5 1/2 ft. dist. and raised a

3^d Stand. Parallel S. through R. 26^e. continued

chains.

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. 14 S. on N. face.

80.00 Deposited a charred stake, 12 ins. in the ground, for Standard, Cor. to Sp. 15 S. R. 26 + 27 E. dug pits 24 x 18 x 12 ins. cross-wise on each line, N. E. x N. of cor. 6 ft. dist. and raised a mound of earth 2 ft. high 5 ft. base over it. In E. pit drove a stake 2 ft. long 2 ins. square 12 ins. in the ground, marked S. C. R. 15 S. on N.

R. 27 E. S. 31 on E. and R. 26 E. S. 36 on W. faces, with 6 notches on N. E. x W.

3^d Stand. Parallel S. through R. 26 E. continued

chains

faces,
Land descending a little S. W.
Soil 2^d rate
No timber.

General Description
This line passes over a
plain, surface descending
a little W. Some good
soil along line. There is
no timber but some brush
on West end.

Theodore S. White
U. S. Deputy Surveyor.

3^d Standard Parallel South through
Range 27 E. Gila & Salt River Meridian.
chains

From the Standard Cor. to Tps
15 S. Rs 26 & 27 E. just established
Iron East on 3^d Standard South
it being S. Boundary N 5 S. R 27 E.
on S. By. Sec. 31.

Var. $12^{\circ} 30' E.$

as per observation with Solar Compass.

40.00 Deposited a charred stake, 12 ins.
in the ground, for Standard $\frac{1}{4}$ Sec.
Cor. dug pit 18 x 18 x 12 ins. E x N.
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
S. C. $\frac{1}{4}$ S. on N. face,

80.00 Deposited a charred stake,
12 ins. in the ground, for Stand-
ard Cor. to Secs. 31 & 32. dug

2d Stand. Parallel S. through R. 27E. continued

chains

pits 18x18x12 ins. N. E. & W. of cor.
 5 1/2 ft. dist. and and raised
 a mound of earth 2 ft. high
 4 1/2 ft. base over it. In E. pit
 drove a stake 2 ft. long, 2 ins.
 square, 12 ins. in the ground, ^{marked}
 T. 15 S. R. 27 E. S. Con N.
 S. 32 on E. and
 S. 31 on W. faces, with 5 notches
 on E. and 1 notch on W. faces
 Land undulating
 Soil 2d rate
 No timber.

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

40.00 Deposited a charred stake
 12 ins. in the ground, for

3^d Stand. Parallel S. through R. 27 E. continued

chain

Standard $\frac{1}{4}$ Sec. cor. dug pits $18 \times 18 \times 12$ 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 S. C. $\frac{1}{4}$ S. on N. face.

80.00

Deposited a charred stake 12 ins. in the ground for Standard cor. to Secs. 32 & 33. dug pits $18 \times 18 \times 12$ ins. N. E. & W. of cor. $5\frac{1}{2}$ 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 ft. long, 2 ins. square, 12 ins. in the ground, marked T. 15 S. R. 27 E. S. C. on N. S. 33 on E. and S. 32 on W. faces, with 4 notches on E. and 2 notches on W. faces.

3^d Stand. Parallel S. through R. 27 E. continued

chains

Land undulating
Soil 2^d rate
No timber.

East, on S. Boundary S. 33.

Var. $12^{\circ} 30' E.$

- 40.00 Deposited a charred stake
12 ins. in the ground, for Stand
and $\frac{1}{4}$ Sec. cor. dug pits $18 \times 18 \times 12$
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,
12 ins. square, 12 ins. in the ground
marked S. C. $\frac{1}{4}$ S. on N. Sec.
- 49.50 Road from Sulphur Spring to
Bowie corner N. E.
- 80.00 Deposited a charred stake

3^d Stand. Parallel S. through R. 27 C. continued

chains.

12 ins. in the ground, for
 Standard Cor. to Secs. 33 & 34
 dug pits 18 x 18 x 12 ins. N. E. & W.
 of cor. 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 2 ft. long, 2 ins.
 square, 12 ins. in the ground, marked
 T. 15 S. R. 27 C. S. Con N.
 S. 34. on E. and
 S. 33 on W. faces, with 3 utches
 on E & W. faces.
 Land a little rolling
 Soil 2^d rate
 No timber.

East. on S. Boundary Sec. 34
 Var. 12° 30' E.

34 Stand. Parallel S. through R. 27 E. continued

chains.

40.00

Deposited a charred stake, 12 ins. in the ground, for Standard $\frac{1}{4}$ Sec. cor. dug pits $18 \times 18 \times 12$ ins. E. & N. 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 S. E. $\frac{1}{4}$ S. on N. face.

80.00

Deposited a charred stake, 12 ins. in the ground, for Standard cor. to Secs. 34 & 35. dug pits $18 \times 18 \times 12$ ins. N. E. & N. of cor. $5\frac{1}{2}$ 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 ft. long 2 ins. square, 12 ins. in the ground

3^d Stand. Parallel S. through R 27 E. continued

chains

marked S. 15 S. R. 27 E. S. C. on N.

S. 35 on E. and

S. 34 on W. faces,
with 2 notches on E. and 4
notches on W. faces.

Land undulating.

Soil 2^d rate

No timber.

East. on S. Boundary Sec. 35.

Var. $12^{\circ} 30' E.$

40.00 Deposited a charred stake, 12
ins. in the ground, for Stand-
ard $\frac{1}{4}$ Sec. cor. dug pits 18 x 18 x 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

3^d Stand. Parallel S. through R 27 E. continued

chains

2 ins. square, 12 ins. in the ground, marked $\frac{1}{4}$ S. on N. face.

8000 Deposited a charred stake 12 ins. in the ground, for cor. Standard Cor. to Secs. 35 & 36 dug pits 18x18x12 ins. N. E. & W. of cor. 57 ft. dist. and raised a mound of earth 2 ft. high 4 ft. base over it. In E. pit drove a stake 2 ft. long, 2 ins. square, 12 ins. in the ground, marked
 T. 15 S. R. 27 E. S. C on N.
 S 36 on E. and
 S. 35 on W. faces, with 1 notch on E. and 5 notches on W. faces.
 Land a little rolling

3^d Stand. Parallel S. through R. 27 E. continued

chains

Soil 2^d rate
No timber.

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

- 40.00 Deposited a charred stake, 12 ins.
in the ground, for Standard
 $\frac{1}{4}$ Sec. cor. dug pits $18 \times 18 \times 12$ 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 S. C. $\frac{1}{4}$ S. on N. sec.
- 69.36 Road to Dos Cabezas cor. N. W.
- 80.00 Deposited a charred stake, 12 ins.
in the ground, for Standard
cor. to Tps. 15 S. Rs. 27 & 28 E.

3^d Stand. Parallel S. through R. 27 E. continued

chains

dug pits 24 x 18 x 12 ins. crosswise on each line, N. E. & W. of cor. 1/2 ft. dist. and raised a mound of earth 2 1/2 ft. high, 5 ft. base over it. In E. pit drove a stake 2 ft. long, 2 ins. square, 12 ins. in the ground, marked - S. C. T. 15 S. on N.

R. 28 E. S. 31 on E. and R. 27 E. S. 36 on W. faces, with 6 notches on N. E. & W. faces. Land a little rolling.
Soil 2^d rate

No timber

March 11. 1882

3^d Stand. Parallel S. through R. 27^E continued

General Description

The surface is a little undulating and rolling, some good soil on W. end, mostly 2^d rate.

There is no timber along the line. There is good grazing throughout.

Thaddeus L. White
U. S. Deputy Surveyor.

3^d Standard Parallel South through

Range 28 E. Gila & Salt River Meridian
chains.

From the Standard cor. to
Tps 15 S. Rs 27 & 28 E. just established
run East on 3^d Standard South
it being ^{by} S. Boundary T. 15 S. R. 28 E.
on S. By. Sec. 31.

Var. $12^{\circ} 30' E.$

as per observation with Solar Compass.

36.10 Road from Pinery Cañon to
Dos Cabezas course N. W.

40.00 Deposited a charred stake 12 ins.
in the ground, for Standard
1/4 Sec. cor. dug pits $18 \times 18 \times 12$
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 S. C. 1/4 S. on N. face.

80.00 Deposited a charred stake

3^d Stand. Parallel S. through R. 28 E. continued

chain

12 ins. in the ground, for Standard
 Cor. to Secs. 31 & 32. dug
 pits 18 x 18 x 12 ins. N. E. & W.
 of cor. 5/2 ft. dist. and raised
 a mound of earth 2 1/2 ft.
 high, 4 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. 15 S. R. 28 E. S. C. on N.
 S. 32. on E. and
 S. 31 on W. faces, with 5
 notches on E. and 1 notch on
 W. faces.

Land undulating
 Soil 2^d rate
 No timber.

3^d Stand. Parallel S. through R. 28 E. continued

chains

East on S. Boundary Sec. 32.

Var. $12^{\circ} 30' E$

40.00 Deposited a charred stake, 12 ins. in the ground, for Standard $\frac{1}{4}$ Sec. cor. dug pits $18 \times 18 \times 12$ 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 S. E. $\frac{1}{4}$ S. on N. sec.

80.00 Deposited a charred stake 12 ins. in the ground, for Standard cor. to Secs. 32 & 33. dug pits $18 \times 18 \times 12$ ins. N. E & W. of cor. $5\frac{1}{2}$ 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 ft. long, 2 ins.

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

chains

square, 12 ins. in the ground,
marked S. 15 S. R. 28 E. S. C. on N.

S. 33. on E. and

S. 32. on W. faces, with 4
notches on E. and 2 notches
on W. faces.

Land undulating

Soil 2^d rate

No timber.

East on S. Boundary Sec 33.

Var. $12^{\circ} 30' E.$

40.00 Deposited a charred stake
12 ins. in the ground, for
Standard 1/4 sec. cor. dug
pits 18+18+12 ins. E & W. of cor.
5 1/2 ft. dist. and raised a mound
of earth 1 1/2 ft. high, 3 1/2 ft.

3^d Stand, Parallel S. through R 28 E. continued

chains

base over it. In E pit drove a stake 2 ft. long, 2 ins. square, 12 ins. in the ground, marked S. C 44 S. on N. face.

8000

Deposited a charred stake, 12 ins. in the ground, for Stand-ard Cor. to Secs. 33 & 34, dug pits 18 x 18 x 12 ins. N. E & W.

of cor. 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 2 ft. long, 2 ins. square, 12 ins. in the ground, marked

D. 15 G. R. 28 E. S. C. on N. S. 34 on E. and

S. 33. on W. faces. with 3 notches on E & W. faces.

Land Rolling,

3^d Stand. Parallel S. through R. 28 E. continued

chains

Soil 2^d rate
No timber.

East on S. Boundary Sec. 34
Var. $12^{\circ} 30' E.$

40.00 Deposited a charred stake 12 ins.
in the ground for Standard
1/4 Sec. cor. dug pits $18 \times 18 \times 12$
ins. E + W. of cor. 5 1/2 ft. dist.
and raised a mound of
earth 1 1/2 ft. high, 3 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 1/4 S. on W. face.

80.00 Deposited a charred stake 12
ins. in the ground, for Standard
cor. to Secs. 34 + 35. dug pits
 $18 \times 18 \times 12$ ins. N. E + W. of cor.

3^d Stand. Parallel S. through R 28 E. continued

chains

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 2 ft. long 2 in. square, 12
in. in the ground marked
D. 15 S. R. 28 E. S. C. on N.
S. 35 on E. and
S. 34 on W. faces, with 2
notches on E. and 4 notches
on W. faces.

Land Rolling

Soil 2^d rate

No timber.

East on S. Boundary Sec. 35.

Var. $12^{\circ} 30' E.$

14.70 Road to Bowie course N.

4.00 Deposited a charred stake

3^d Stand. Parallel S. through R. 28 E. continued

chains

12 in. in the ground, for Standard $\frac{1}{4}$ Sec. cor. dug pits $18 \times 18 \times 12$ in. 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 in. square, 12 in. in the ground, marked S. C. $\frac{1}{4}$ S. on N. face.

80.00 Set a post 4 ft. long 4 in. square with charred stake 12 in. in the ground, for Standard Cor. to Secs. 35 & 36. marked S. C. N. 15 S. R. 28 E. on N. S. 36 on E. and S. 35 on W. faces, with 1 notch on E. and 5 notches on W. faces, dug pits $18 \times 18 \times 12$ in. N. E. & W. of post $5\frac{1}{2}$ ft. dist. and

3^d Stand. Parallel S. through R. 28 E. continue

chain

raised a mound of earth 2 ft
high, 4 1/2 ft. base around post.
from which a Darius Pace
5 tw. dia. br. S. 38° W. 303 lks dist.
marked T. 15 S. R. 28 E. S. 2 S. C. B. P.
Land rolling
Soil 2^d rate
No timber.

East. on S. Boundary Sec. 36.

Var. 12° 30' E.

- 1.00 By each side come S. W.
40.00 Depaired a charred stake 12 in.
in the ground for Standard
1/4 Sec. cor. dug pits 18 x 18 x 12
ins. E x W. of cor. 5 1/2 ft. dist.
and raised a mound of earth
1 1/2 ft. high, 4 1/2 ft. base over it.

3^d Stand. Parallel S. through R. 28 E. continued

chains

In E. pit drove a stake 2 ft. long
 12 in. square 12 in. in the ground,
 marked S. C. 1/4 S. on N. face.

47.65 Ridge extending S. W.

55.60 Bottom on E. side

62.62 Top of another ridge course S. W.

69.65 Foot on E.

77.40 Trail to Bowie course N. E.

80.00 Set a quartzite Rock 18 x 9 x 6 in.
 12 in. in the ground, for stand-
 ard cor. to Tps 15 S. R. 28 & 29
 E. marked S. C. with 6 notches
 on N. E. & W. edges, dug pits
 24 x 18 x 12 in. crosswise on each
 line N. E. & W. of stone 6 ft. dist.
 and raised a mound of earth
 2 ft. high 5 ft. base alongside.
 Land rolling
 Soil 2^d rate

3^d Stand. Parallel S. through R 28 E. continued

chains

No timber.

General Description

The land along this line is ^{an} undulating & rolling surface.

The soil is of 2^d rate quality, ^{and} it is fine grazing land. There is no timber along line.

Theodore S. White
U. S. Deputy Surveyor.

3^d Standard Parallel South through
Range 29 E. Gila & Salt River Meridian

Chains

From the Standard Cor. to
Tps 15 S. Rs 28 + 29 E. just
established from East on 3^d
Standard South it being S.
Boundary S. 15 S. R. 28 E. on
S. By. Sec. 31. 29

Var. 12° 30' E.

(see observation with Solar Compass)

34.12 Trail along ridge course N. E.
40.00 Set a limestone 16 + 10 + 7 ins. 11
ins. in the ground for Stand-
ard 1/4 Sec. cor. marked S.C.
1/4 on N. face, and raised a
mound of stone alongside, pits
impracticable.

at foot of ridge

71.00 ascend to top of ridge extends S.W.
80.00 Set a granite stone 14 + 10 + 5 ins.
10 ins. in the ground, for Standard

3^d Stand. Parallel S. through R. 29 E. continued

chains

Cor. to Secs. 31 & 32. marked
S. C. with 5 notches on E. & 1
notch on W. edges, and raised
a mound of stone along side.
Pits impracticable.

Land rolling

Soil 2^d rate

No timber.

East on S. Boundary Sec. 32
Var. $12^{\circ} 30'$ E.

28.40 Dry wash 15 lbs wide course S. W.

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

3^d Stand. Parallel S. through R. 29 E. continued

chains

dist. and raised a mound of earth $1\frac{1}{2}$ ft. high, $3\frac{1}{2}$ ft. base around post, from which a Juniper 15 ins. dia. br. h. $28\frac{3}{4}$ ° E. 349 lbs dist. marked S. C. $\frac{1}{4}$ S. B. T.

A Juniper 5 ins. dia. br. S. $30\frac{1}{4}$ ° E. 178 lbs dist. marked S. C. $\frac{1}{4}$ S. B. T.

55.95 Trail course S.

157.13 Dry wash 20 lbs wide course S.W.

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. 15 S. R. 29 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 around post, from which

3^d Stand. Parallel S. through R. 29^c. continued

chains

An Oak 12 ins. dia. to N. 43^c. 67 lbs. dist.
marked S. 15 S. R. 29^c. S. 33 B. T.

An oak 18 ins. dia. to S. 6 $\frac{1}{2}$ ° W. 290 lbs dist.
marked S. 15 S. R. 29^c E. S. 32 B. T.

no other trees within limit.

Land Rolling & ascending N. E.

Soil 2^d rate

No timber.

East on S. Boundary Sec. 33.

Var. 12° 30' E!

4000 Set a post 3 ft. long 3 ins. square
with marked stone 12 ins. in the
ground, for Standard 1/4 sec.
cor. marked S. C 1/4 S. on N. face
from which a Juniper

24 ins. dia. to N. 67 $\frac{1}{4}$ ° E. 373 lbs dist.
marked S. C. 1/4 S. B. T.

24. Stand. Parallel S. through R. 29 E. continued

chain

A Juniper 8 ins. dia. to S. 7° W. 130 lks dist.
marked S. C. 1/4 S. B. T.

- 40.50 Rocky gulch 10 lks wide course S. W.
49.56 Foot of hill & ascend
56.00 Top on S. slope
65.00 Descend from hill
73.10 Foot.
80.00 Set a Post 4 ft. long 6 ins. square
with marked stake 12 ins. in
the ground, for Standard cor.
to Secs. 33 & 34. marked
S. C. T. 15 S. R. 29 E. on N.
S. 34 on E. and
S. 33 on W. faces. with 3
notches on E & W. faces, and
raised a mound of stone around
post. from which
An Oak 12 ins. dia. to N. 76° E. 95 lks dist.
marked S. 15 S. R. 29 E. S. 34 B. T.

3^d Stand. Parallel S. through R. 29 E. continued

chain

2 oak 10 in. dia. to S. 12° E. 150 lbs dist.
marked S. 15 S. R. 29 E. S. 33 B. T.

Land rolling & ascending N. E.

Soil 2^d rate

No timber.

now with
bearing

East on S. Boundary Sec 34.

Var. $12^{\circ} 30'$ E.

12.15 Road to Josephine Mine,
course N. then N. E. Set post in
mound of stone for witness point.

18.25 Trail course N.

19.80 Dry Wash 20 lbs wide course S. W.
Ascend

40.00 Set a post 3 ft long, 3 in. square,
12 in. in the ground for Standard,
1/4 sec. cor. marked S. C. 1/4 S. on N.
face, and raised mound of

3^d Stand. Parallel S. through R. 29 E. continued

chains

Stone around post from which
An Oak 8 ins. dia. br N. 30° W. 88 lbs dist
marked S. C. 1/4 S. B. T.

An Oak 6 ins. dia. br S. 10° W. 152 lbs dist.
marked S. C. 1/4 S. B. T.

Ascend steeply

80.00

Set a granite stone 12 x 10 x 8 ins.
8 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
pits 18 x 18 x 12 ins. N. E & W. of
stone 5 1/2 ft. dist. and raised a
mound of earth 2 ft. high,
4 1/2 ft. base alongside

Land Hilly and becoming
mountainous. Soil 3^d rate
Some Oak trees.

Further E. it is not sur-

3^d Standard Parallel S. through R. 29 E. continued

veyable it being very precipitous
March 13. 1882.

X

3^d Stand. Parallel S. through R29E: continued

General Description

This line is over a rolling surface, on the west end, then it becomes hilly & terminates on the steep west slopes of the Chinichua Mountains, there is good grazing throughout

The soil is 2^d & 3^d rate. with some oak timber on E. end.

Theodore H. White
U. S. Deputy Surveyor.

List of Names.

BOOK 1491

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Standard Line

A List of the Names of Individuals employed by
Theodore A. 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 3^d Standard Parallel
South through Ranges 26.
27. 28 & 29. East. Gila
& Salt River Base & Meridia

Showing the respective capacities in which they acted.

J. C. Ford Chairman
J. H. McClure Chainman.
Joseph Schwartz Chainman
Geo. J. Wyatt Chainman.
John Blake Axeman.
Saml. N. Hau Pitt Flagman.

Final Oath of Assistants.

BOOK 1491

We hereby certify that we assisted Theodore P.

White U. S. Deputy Surveyor, in surveying

all those parts or portions of the survey of the
3^d Standard Parallel, South,
through Ranges nos. 26.27. 28 & 29
East. 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. McElwee Chainman.

Geo. Schmaritz
Geo. W. Wyatt Chainman.

John Black Axeman.

James Condit Flagman.

Sworn to and subscribed before me, this 3rd day of

May 14, 1887

Paul Riecker
Notary Public Pima
County, Arizona.

Final Oath of Deputy Surveyor.

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BOOK 1491

1. Theodore P. White.

U. S. Deputy Surveyor, do solemnly swear that in pursuance of
~~Contract~~
~~Instructions~~ received from John Wasson, United States
Surveyor-General for Arizona, bearing date the 6th
day of December 1881, 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 3^d

Standard Parallel South
through Ranges 26. 27. 28 +
29 E. 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 instruc-
tions, the special instructions of the United States Surveyor-
General for Arizona, and in the specific manner described in the

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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

Howard J. White

U. S. Deputy Surveyor.

Sworn to and subscribed before me this 3rd day of

May 14, 1882

Paul Riccker
Notary Public Pima
County, Arizona

BOOK 1491