

3-1
~~See Index~~

1564

Field Notes

OF THE SURVEY OF BOOK 1564

1564

the exterior lines of Tps-
14 South Ranges 26 and
27 East -

1564 BOOK 1564

Gila and Salt River Base and Meridian

ARIZONA.

By Herbert F. White D. S.

Under contract dated Dec. 6 - 1881.

Survey commenced May 1. 1882

Survey completed May 1. 1882

Exterior Boundaries T. 14 S. R. 26 E.

G. & S. R. M.

Chains

Survey commenced May 1
1882, with a Burts improved
Solar Compass.

I begin at the cor. to Tps 14 &
15 S. Rs. 25 & 26 E. which is
a mound of earth $2\frac{1}{2}$ ft. high
5 ft. base, with pits $24 \times 18 \times 12$ ins.
dug lengthwise on each line,
N. S. E. & W. of cor. 5 ft. dist.
In S. E. pit is a stake 2 ins.
square set firmly in the ground
marked T. 14 S. S. 31 on N. E.
R. 26 E. S. 6 on S. E.
T. 15 S. S. 1 on S. W. and
R. 25 E. S. 36 on N. W. faces,
with 6 notches on each edge,
thence I run
East, on a true line, bet.

Preliminary Oaths of Assistants.

BOOK 1564

We, *J. H. McClure &*
and *J. O. Ford*

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 sticking 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 Exterior Boundaries T. 14 S. R. 26 & 27 E. Gila & Salt River Base & Meridian.

J. H. McClure
J. O. Ford

Sworn to and subscribed before me, this 10 day of

March A. D. 1882 Paul Rice
Notary Public Pima
County, Arizona.

We, John Blake, Saml. H. Van Pelt
Geo. J. Wyatt & Jos. Schwarz

do solemnly swear that we will well and truly perform the
duties of Arman, Magman &

Manducen 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 Exterior
Boundaries S. 14 S. R.

26 & 27 E. Gila & Salt
River Base & Meridian

John Blake
Saml. H. Van Pelt
Geo. J. Wyatt
Jos. Schwarz

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

Paul Riceley
Notary Public Pima
County, Arizona



Exterior N. 14 S. R. 26 E. continued

chains

Secs. 6 & 31.

Var. $12^{\circ} 38' E.$

(as per observation with Solar Compass)

39.55. Allowing 45 lbs for convergency deposited a charred stake, 12 ins. in the ground, for $\frac{1}{4}$ 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 $\frac{1}{4}$ S. on N. face.

79.55 deposited a charred stake 12 ins. in the ground, for cor. to Secs. 5.6. 31 & 32. dug pits $18 \times 18 \times 12$ ins. in each sec. $5\frac{1}{2}$ ft. dist. and raised a mound of earth 2 ft. high $4\frac{1}{2}$ ft.

Exteriors T. 14 S. R. 26 E. continued

chains

base over it. In S. E. pit
drove a stake 2 ft. long, 2 in.
square, 12 in. in the ground,
marked

T. 14 S. S. 32 on N. E.

R. 26 E. S. 5 on S. E.

T. 15 S. S. 6 on S. W. and
S. 31 on N. W. faces, with
5 notches on E & 1 notch on
W. edges.

Land ascending a little E.

Soil good

Some brush.

East, on a true line, bet.
Secs. 5 & 32.

Var. $12^{\circ} 38' E.$

4.00 Deposited a charred stake

Exteriors N. 14 S. R. 26 E. continued

chains

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

80.00 Revisited a charred stake 12 ins. in the ground, for cor. to Secs. 4, 5, 32 & 33. dug pits $18 \times 18 \times 12$ ins. in each sec. $5\frac{1}{2}$ ft. dist. and raised a mound of earth 2 ft. high $4\frac{1}{2}$ ft. base over it. In S. E. pit drove a stake 2 ft. long, 2 ins. square, 12 ins. in the ground, marked

Exterior S. 14 S. R. 26 E. continued

chains

S. 14 S. S. 33 on N. E.
 R. 26 E. S. 4 on S. E.
 S. 15 S. S. 5 on S. W. and
 S. 32 on N. W. faces, with
 4 notches on E. & 2 notches
 on W. edges.

Land ascending a little E.
 Soil good
 Some Brush.

Cast on a true line, bet.
 Secs. 4 & 33.

Var. $12^{\circ} 38' E$.

4000 Deposited a charred stake
 12 in. in the ground, for $\frac{1}{4}$
 sec. cor. Aug pits $18 \times 18 \times 12$
 in. E. & W. of cor. $5 \frac{1}{2}$ ft. dist.
 and raised a mound of

Exteriors T. 14 S. R. 26 E. continued

chains

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.

8000 Deposited a charred stake 12 ins. in the ground, for cor. to Secs. 3, 4, 33 + 34.

§ dug pits $18 \times 18 \times 12$ ins. in each sec. $5\frac{1}{2}$ ft. dist. and raised a mound, of earth 2 ft. high, $4\frac{1}{2}$ ft. base over it. In S. E. pit drove a stake 2 ft. long, 2 ins. square, 12 ins. in the ground, marked T. 14 S. S. 34 on S. E. R. 26 E. S. 3 on S. E. T. 15 S. S. 4 on S. W. and

Exterior S. 14 S. R. 26 E. continued

chain

S. 33 on N. W. faces, with
3 notches on E + W. edges.
Land ascending E.
Soil poor.
Some brush.

East on a true line bet.
Secs. 3 + 34.

Var. $12^{\circ} 38' E.$

40.00 Deposited a charred stake,
12 ins. in the ground, for $\frac{1}{4}$
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. low
over it. In E. pit drove a
stake 2 ft. long, 2 ins. square
12 ins. in the ground, marked

Exteriors S. 14 S. R. 26 E. continued

chains

1/4 S. on N. face.

74.00 Top of Hill (foothill of
Dos Cabezas.)

80.00 Set a Porphyry rock 157147
ins. 10 ins. in the ground, for
cor. to Secs. 2, 3, 34 x 35.
marked with 2 notches
on E x 4 notches on W. edges,
and raised a mound of stone
alongside, Pits impracticable.
Land ascending E.
Soil 2d x 3d rate
No timber.

East. on a true line, bet.
Secs. 2 x 35.

Var. 12° 38' E.

24.50 Top of hill extending S. W.

Exteriors S. 14 S. R. 26 E. continued

chains

- 40.00 Set a Porphyry rock 16 x 11 x 5.
 ins. 11 ins. in the ground for $\frac{1}{4}$
 sec. cor. marked $\frac{1}{4}$ on N. face,
 and raised a mound of stone
 alongside, Pits impracticable.
- 50.00 Port on S. E. slope
- 70.00 Ascend low ridge extends S. W.
- 77.00 Top.
- 80.00 Set a porphyry rock 14 x 11 x 6
 ins. 10 ins. in the ground for
 cor. to Secs. 1, 2, 35 x 36, marked
 with 1 notch on E + 5 notches
 on W. edges, and raised a
 mound of stone, alongside
 Pits impracticable.
 Land ascending E.
 Soil 2^d & 3^d rate
 No timber.
-

Exteriors T. 14 S. R. 26 E. continued

chains

East on a true line, bet.
Secs. 1 & 36.

Var. $12^{\circ} 38' E$.

8.00 foot of ridge

32.00 Top of same extends S. W.

40.00 Set a granite stone $15 \times 14 \times 8$ ins.
10 ins. in the ground, for $\frac{1}{4}$
sec. cor. marked $\frac{1}{4}$ on N face,
and raised a mound of
stone alongside, Pit imp-
racticable.

41.84 Foot of ridge & leave it. Ascend

74.00 Top extends S. W.

80.00 Set a limestone $12 \times 10 \times 6$ ins.

8 ins. in the ground, for cor.
to Sps 14 & 15 S. Rs 26 & 27 E. marked
with 6 notches on each edge,
and raised a mound of
stone 3 ft. high, alongside.

Estero N. 14 S. R. 26 E. continued

chains

Pits impracticable.
Land ascending E.
Soil 3^d rate
No timber.

Exterior, Bet. Tps. 14 & 15 S., R. 26 E.

General Description

This line runs over a plain surface, ascending on the E. end. The soil along the line is good on the W. end but poor on the E. end. There is no timber along it but excellent grazing throughout. On the E. end the line strikes the hills S. W. of Dos Cabezas.

Theodore F. White
U.S. Deputy Surveyor

Exterior Boundaries T. 14 S. R. 27 E.

G. & S. R. M.

Chain

From the Cor. to Sp. 14 & 15 S.
 Rs 26 & 27 E. just established
 from East on a true line
 bet Secs. 3 & 6.

Var. $12^{\circ} 38' E$

(after observation with Solar Compass)

- 11.00 Foot of ridge
 18.60 Road to Los Cabezas by Ewells
 Springs ^{came N. E.}
 24.80 Another Road to Los Cabezas.
 27.50 Wash from Ewells Springs.
 28.40 Leave it. course S. W.
 38.00 Ascend
 39.55 (Allowing 45 lbs for conservancy)
 Set a limestone $12 \times 8 \times 6$ ins. 8
 ins. in the ground, for $\frac{1}{4}$ sec.
 cor. marked $\frac{1}{4}$ on N. face, dug
 pits $18 \times 18 \times 12$ ins. E. W. of cor.
 $5\frac{1}{2}$ ft. dist. and raised a

Exteriors S. 14 S. R. 27 E. continued

chains

mound of earth 1 1/2 ft. high
3 1/2 ft base alongside

72.00 Top of sharp limestone ridge
150 ft. high extends S of E.

79.55 Set a limestone 16 x 13 x 6 ins.
11 ins. in the ground, for cor.
to Secs. 5. 6. 31 + 32, marked
with 5 notches on E & 1 notch
on W. edges, dug pits 18 x 18 x 12
ins. in each sec. 5 1/2 ft. dist.
and raised a mound of
stone 3 ft. high 5 ft. base
alongside

Land hilly & broken
Soil 3^d rate
No timber.

East on a true line bet.

Exterior S. 14 S. R. 27 E. continued

chains

Secs. 57 32.

Var. $12^{\circ} 38' E.$

- 16.00 Foot of ridge & leave it.
- 30.00 Ascend S. slope of ridge
- 40.00 Set a Sandstone $17 \times 10 \times 7$ ins.
12 ins. in the ground, for ^{14 sec} cor.
marked $\frac{1}{4}$ on N. face, and
raised a mound of stone
alongside, Pits impracticable.
- 70.00 Top of high ridge extending S.W.
400 ft. high.
- 77.70 Descend
- 80.00 Set a post 4 ft. long, 4 ins. square,
12 ins. in the ground, for cor.
to Secs. 4, 5, 32 + 33, marked
S. 14 S. S. 33 on N. E.
R. 27 E. S. 4 on S. E.
S. 15 S. S. 5 on S. W. and
S. 32 on N. W. faces.

Exteriors S. 14 S. R. 27 E. continued

Chairs

with 4 notches on Ex 2 notches
on W. edges, and raised a
summit of stone around post.
from which an Oak

16 ins. dia. br. S. 89° W. 109 lbs dist.

marked S. 15 S. R. 27 E. S. 5 B. T.

An Oak 6 ins. dia. br. S. 85° W. 119 lbs dist.

marked S. 14 S. R. 27 E. S. 32 B. T.

Land hilly & broken

Soil 2d & 3d rate

No timber.

East on a true line bet.
Secs. 4 & 33.

Var. 12° 38' E.

15.28 Foot of ridge & wash courses.

19.00 Road from Pinery etc to Dos Cabezas
course N.

Exterior N. 14 S. R 27 E. continued

chains

- 19.26 To point on E. side of road, set a post 4 ft. long in mound of stone marked N. line, for witness point.
- 24.53 Wash course S. W.
- 40.00 On Point of Rocks, set a granite stone $17 \times 9 \times 5$ ins. 12 ins. in the ground, for $1/4$ sec cor. marked $1/4$ on N. face and raised a mound of stone alongside, Pits impracticable
- 80.00 ^{Set} Trap rock $12 \times 8 \times 6$ ins. 8 ins. in the ground, for cor. to Secs. 3. 4. 33 + 34. marked with 3 notches on E + W. edges, dug pits $18 \times 18 \times 12$ ins. in each sec. \checkmark 5 1/2 ft. dist. and raised a mound of earth 2 ft. high 4 1/2 ft. base alongside

Exterior S. 14 S. R. 27 E. continued

chains

Land hilly on W. end &
broken. then rolling.
Soil 2^d & 3^d rate
No timber.

East, on a true line, bet.
Secs. 3 & 34.

Var. $12^{\circ} 38' E.$

- 25.00 Point of Rocks & pass over
30.10 Bowie Road course S. E.
30.54 Telegraph line course S. E.
40.00 Set a quartzite rock $13 \times 8 \times 5$
ins. 9 ins. in the ground, for
 $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$ on
N. face, 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. long, alongside.

Exteriors N. 14 S. R. 27 E. continued

chains

- 44.00 Foot of ridge
 57.25 Top of ridge extending N.
 56.00 Foot on E.
 73.00 Foot of ridge + ascend
 80.00 Set a granite stone $12 \times 11 \times 9$ ins.
 8 ins. in the ground, for cor.
 to Secs. 2, 3, 34 + 35, marked
 with 2 notches on E + 4 notches
 on W. edges, and raised a
 mound of stone alongside.
 Land rolling
 Soil 2^d + 3^d rate
 No timber.
-

East, on a true line, bet.
 Secs. 2 + 35.

Var. $12^{\circ} 38' E.$

2.75 Top of ridge extends N.

Esterion S. 14 S. R. 27 E. continued

chains	
7.00	Foot of ridge
9.23	Wash drains S.
9.48	Foot of ridge & diurnal Road, course S.
28.50	Top of Ridge
40.00	Foot of ridge, set a granite stone 10 x 9 x 8 ins. 7 ins. in the ground, for $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$ on N. face, and raised a mound of stone alongside, Pit impracticable.
77.40	Wash drains S.
80.00	Set a Quartzite rock 10 x 9 x 8 ins. 7 ins. in the ground, for cor. to Secs. 1, 2, 35 & 36, marked with 1 notch on E & 5 notches on W. edges, and raised a mound of stone alongside, Pit impracticable.

Exteriors S. 14 S. R. 27 E. continued

chains

Land rolling
Soil 2^d & 3^d rate
No timber.

East, on a true line, bet.
Secs. 1 & 36.

Var. $12^{\circ} 38' E.$

1.87 Wash drains S.

34.55 Wash drains S.

40.00 Set a Porphyry rock $17 \times 10 \times 5$
ins. 12 ins. in the ground, for
 $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$ on N.
face, 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
alongside,

47.40 Wash drains S.

Exteriors N. 14 S. R. 27 E. continued

chains

- 57.00 Top of Ridge extends S.
 72.00 Wash & Foot of ridge drains S.
 80.00 Set a post $4\frac{1}{2}$ ft. long, 4 ins. square, with marked stone, 12 ins. in the ground, for cor. to Tps 14 & 15 S. Rs. 27 & 28 E. worked N. 14 S. S. 31 on N. E. R. 28 E. S. 6 on S. E. N. 15 S. S. 1 on S. W. and R. 27 E. S. 36 on N. W. faces, with 6 notches on each edge, dug pits $24 \times 18 \times 12$ ins. lengthwise on each line, N. S. 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 rolling
 Soil 2^d & 3^d sets
 No timber

Exterior: Bet. Tps. 14 & 15 S. R. 27 E.

General Description:

This line passes over the foothills of the Dos Cabezas Range just S. of the town of Dos Cabezas. There is good grazing over these hills and there are evidences of mineral in them. The soil is mostly poor and there is but little timber along the line.

Theodore F. White
U.S. Deputy Surveyor

Exterior Boundaries. T. 14 S. R. 26 E.

G & S. R. M.

Chain

From the Cor. to Tps. 14 & 15 S.
Rs 26 & 27 E. just recently est-
ablished, and to which I
now return from
North bet. Secs. 31 & 36.

Var. $12^{\circ} 38' E$.

(as per observation with Solar Compass)

- 4.00 Top of low ridge course S. W.
15.00 Foot & ascend
26.20 Top of ridge extending E. W.
30.00 Foot of ridge
32.00 Gulch drains W. & ascend
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 around post.
Pits impracticable.
40.50 Top of N. end slope of high

Exterior S. 14 S. R. 26 E. continued

chains

ridge descending W.

53.00 Low ridge

71.12 Telegraph line course W.

72.20 Road about 1/2 mile W. of Doo Cabezas.

73.00 Point on W. side of Road, where I set Post in mound of stone marked "T. line" for witness point

75.75 Wash course N. W.

76.20 Leave it,

80.00 Set a Granite 12 x 9 x 4 ins. 8 ins. in the ground, for cor. to Secs. 25. 30. 31 + 36. marked with 5 notches on N. & 1 notch on S. edge, and raised a mound of stone alongside, Pits impracticable. Land hilly & broken

Exteriors S. 14 S. R. 26 E. continued

chains

Soil 3^d rate
No timber.

North, between Secs. 25 & 30.
Var. $12^{\circ} 38' E$.

4.00 Wash drains S. W.

40.00 Set a Porphyry $16 \times 12 \times 5$ ins.
11 ins. in the ground, for $\frac{1}{4}$
sec. cor. marked $\frac{1}{4}$ on N.
face, and raised a mound
of stone alongside, Pits
impracticable.

58.78 Wash drains S. W.

74.40 Wash drains S. W.

74.76 Top of Bank

78.44 Wash drains S. W.

80.00 Set a post 4 ft. long, 4 ins.
square, 12 ins. in the ground

Exterior S. 14 S. R. 26 E. continued

chains

for cor. to Secs. 19, 24, 25, & 30,
 marked S. 14 S. S. 19 on N. E.
 R. 27 E. S. 30 on S. E.
 R. 26 E. S. 25 on S. W. and
 S. 24 on N. W. faces, with
 4 notches on N. and 2 notches
 on S. edges. and raised a
 mound of stone around
 post. Pits impracticable
 Land Rolling
 Soil 3^d rate
 No timber.

North bet. Secs. 19 & 24
 Var. $12^{\circ} 38' E.$

26.00 Top of ridge extends S. W.
 40.00 Set a Quartzite rock $16 \times 10 \times 5$.
 11 ins. in the ground, for $1/4$

Exterior S. 14 S. R. 26 E. continued

chain

sec. cor. marked $\frac{1}{4}$ on N. face
and raised a mound of stone
alongside, Pits impracticable.

- 50.00 Top of slope course S. W.
57.50 Road course S. W.
59.10 Wash course S. W.
66.00 Foot of ridge
77.00 Top 40ft. high,
80.00 Set a post 2ft. long, 4 ins. square
with marked stone 12 ins. in the
ground, for cor. to Secs. 13, 18
19 & 24, marked -
S. 14 S. S. 18. on N. E.
R. 27 E. S. 19 on S. E.
R. 26 E. S. 24 on S. W. and
S. 13 on N. W. faces, with 3
notches on N & S. edges,
Land becomes precipitous on
N. end,

Exteriors N. 14 S. R. 26 E. continued

chains

Soil worthless

No timber.

Further N. the line is not
surveyable

May 1. 1882.

Exterior: T. 14 S. R. 26 E. 2^d E.

General Description:

This fractional line crosses the foothills to the S. W. of Dos Cabezas, and thence across a flat to the west of the town and strikes the precipitous slopes of the Dos Cabezas Range. There is good grazing along the line, and evidence of mineral.

Theodore J. White
U.S. Deputy Surveyor.

12000
List of Names.

36

BOOK 1564

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 Exterior Boundaries*
T. 14 S. R. 26 & 27 E.
Gila & Salt River Base
& Meridian

Showing the respective capacities in which they acted.

J. H. McClure Chainman.

J. O. Ford Chainman.

John Blake Axeman.

Saul H. Van Pelt Flagman.

Geo. J. Wyatt { *monument*
Joe Schwarz }

39

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 H. White

U. S. Deputy Surveyor.

Sworn to and subscribed before me this 5th day of

May 11, 1882



Paul Riccker
Notary Public Pima
County, Arizona.

BOOK 1564

BOOK 1564

U. S. Surveyor General's Office,
Tucson, Arizona, July 5, 1882

...BOOK 1564

The foregoing Field Notes of the survey of the
Exterior boundaries of Townships
14 South Ranges 26 and 27 East

of the Gila and Salt River Base and Meridian, Arizona,
executed by Theodore F. White,
D. S., under his contract of the 6th day of
December, 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 Mason

Surveyor General.