

1694

BOOK 1694

1694

4-671

FIELD NOTES
GENERAL LAND OFFICE.

Exteriors

Land E. of Sp 25 N. R. 4. W.

1694

21/4
BOOK 1694

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Field Notes
of the Survey of the
North and East Exterior Boundaries
of
Township No. 25 N. R. 4 West.
of the
Gila & Salt River Base & meridian
in the
Territory of Arizona.
as surveyed by
Francis W. Cury
a S. Deputy Surveyor,
Charles E. Perkins,
Compassman & a S. Deputy Surveyor.
under contract No. 31.
dated June 21, 1893.

Survey commenced July 10th 1894.

Survey completed July 11th 1894.

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are blank.

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East boundary of
chs. Survey commenced July
10, 1894. with a W. and
S. E. Gurley solar transit,
at the standard con to
Tps. 25 N. Rs. 3 and 4 W. I
verify the adjustments
of my transit and find
them correct.

I set off $22^{\circ} 11' N.$ on the
decl. arc, and at 12 h
5 m. p. m. l. m. to observe
the Sun on the Meridian,
the resulting lat. is
 $35^{\circ} 28' N.$ the true lat.
nearly.

At 2 p. m. l. m. t. I set
off $35^{\circ} 28'$ on the lat. arc,
and determine a true
meridian with the solar

Tp. 25 N. 4 West.

the resulting mean. var. of the needle is $14^{\circ} 43'$ East

I begin at the standard cor to Tps. 25 N. Rs. 3 and 4 W. as heretofore described

Thence I run

North bet secs. 31 and 36.

Var. $14^{\circ} 43'$ East.

Descend gradually 30 ft.

30.00 Foot. of descent

40.00 Set a sand stone $30 \times 10 \times 8$ ins

22 ins in the ground for

$\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$ on

W. face, and raise a

mount of stone $1\frac{1}{2}$ ft. high,

2 ft. base, along side. Pits

impracticable.

52.00 Wash, course East.

60.00 ascend 40 ft.

63.00 Top of ascent.

East boundary

chs

77.00

Road to Chunnings ranch,
course SW. and NE.

84.00

Set a malpais stone $26 \times$
 2×8 ins. 18 ins. in the
 ground for cor. to secs.
 25, 30, 31 and 36, marked
 with 1 notch on S. and
 5 notches on N. edges,
 and raised a mound of
 stone $1\frac{1}{2}$ ft high, 2 ft.
 base, alongside. Pite
 impracticable

Land, rolling.

Soil, rocky, 3^d rate.

Timber, scattering cedar

North bet secs. 25 and 30.

Var. $140^{\circ} 43'$ East.

Even gently rolling land.

T. 25 N. R. 4 West (cont'd)

- chs
38.50 Road from Bichapo Lake to Howard's ranch, course N.E. and S.W.
- 40.00 Set a malpais stone $16 \times 14 \times 10$ ins. 11 ins. in the ground for $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$ on W. face, and raised a mound of stone $1\frac{1}{2}$ ft high 2 ft base, alongside. Pts. impracticable
- 80.00 Set a malpais stone $20 \times 18 \times 12$, ins. 15 ins in the ground for Cor. To sec 19, 24, 25 and 30, marked with 2 notches on S. and 4 notches on N. edges, and raised a mound of stone $1\frac{1}{2}$ ft-

East boundary

chs high, 2 ft. base, along-
side. Pits imprac-
ticable.

Land, gently rolling
Soil, rocky 3rd rate.
Timber, scattering cedar

North bet. sec. 19 and 20.

Var. 14° 43' East.

Even rolling land.

40.00 Set a malpais stone
24 x 20 x 8 ins 18 ins. in
the ground for 1/4 sec.
cor. marked 1/4 on W.
face, and raised a
mound of stone 1 1/2 ft.
high, 2 ft. base, along-
side. Pits impracticable

80.00 Set a malpais stone

T. 25 N-R. 4 West (cont)

chs. 20 x 4 x 8 ins. 15 ins. in the
ground for cor to secs.
13, 15, 19 and 24 marked
with 3 notches on N.
and S edges, and raised
a mound of stone 1 1/2 ft.
high, 2 ft base, alongside.
Pits impracticable
Land, gently rolling.
Soil, rocky, 4th rate.
No timber.

North bet. secs. 13 and 18.

Var. 140° 43' East.

Over rolling land.

40.00 Get a malpais stone 30 x
20 x 8 ins. 2/3 ins. in the
ground for 1/4 sec. cor.
marked 1/4 on N. face, and

East boundary of

chs.

raised a mound of stone
 $1\frac{1}{2}$ ft high, 2 ft base,
 alongside. From which
 a cedar 16 ins diam.
 brs. S. 130 E. 285 lks. dist.
 marked $\frac{1}{4}$ S.B.T.

a cedar 20 ins diam. brs.
 S. 43° E. 267 lks. dist.
 marked $\frac{1}{4}$ S.B.T.

80.00

Set a malpais stone 20 x
 14 x 9 ins. 15 ins. in the
 ground for cor to sees
 7, 12, 13, and 18, marked
 with 2 notches on N.
 and 4 notches on S. edges,
 and raised a mound of
 stone $1\frac{1}{2}$ ft high, 2 ft-
 base, alongside. Pits
 impracticable.

Sp. 25 N. R. 4 West (cont)

cho. Land, nearly level.
Soil, rocky, at the rate.
No timber.

North bet sees. 7 and 17

Var. 14° 43' East.

Over gently rolling land.

40.00 Get a malpais stone 16 x 10 x
8 ins. 11 ins. in the ground
for 1/4 sec. cor. marked 4/4
on N. face, and raised a
mound of stone 1 1/2 ft.
high, 2 ft base, alongside.
Puts impracticable.

80.00 Get a malpais stone 30 x 30
x 20 ins 22 ins. in the
ground, for cor to sees.
1, 6, 7 and 12 marked with
1 notch on N. and 5 notches on

East boundary of

chs. Sedges, and raised a
 mound of stone $1\frac{1}{2}$ ft
 high, 2 ft base, along-
 side. Pits impracticable
 Land, nearly level
 Soil, rocky, + the rate.
 No timber.

North let sec. 1 and 6.

Var. $14^{\circ} 43'$ East.

40.00 One gently rolling land
 Set a malpais stone $19 \times$
 13×9 ins. 14 ins in the
 ground for $\frac{1}{4}$ sec cor.
 marker $\frac{1}{4}$ on N. face, and
 raised a mound of stone
 $1\frac{1}{2}$ ft high, 2 ft base,
 along side. Pits imprac-
 ticable.

Sp. 25 N. R. 4 West (cont.)

chs.

80.00

Set a malpais stone 12 x
9 x 8 ins. 8 ins. in the
ground for cor to Sp.

25 and 26 N. R. 3 and 4 W.
marked with 6 notches on
each edge, and raised a
mound of stone 2 ft high,
4 ft base, alongside. Pits
impracticable

Land, nearly level.

Soil, rocky, 4th rate.

No timber.

July 10th, 1894.

at 8^h a.m. July 11, 1894, the
magnetic bearing of line
bet secs. 1 and 6 is S
14° 43' E.

From the cor to Sp. 25 saw

North boundary of

chs

26 N. Rs. 3 and 4 W.

I run

West on a random line
between said Tps., the
variation of the needle
being $140^{\circ} 43' E$.

I set temporary half
mile and mile corners
at each 40 and 80 chs.
and find the 20 line
to be 5 miles, 79.60 chs.
long, and the falling
to be 60 chs N. of cor.
to Tps 25 and 26 N. R. 4 and
5 W.

The correction for the
true line will therefore
be 10 links, South per
mile, and its course

Sp. 25 N. R. 4 West (cont.)

chs. will be N. $89^{\circ}56'$ E.

→ From the cor. to Sp. 25 and
26 N. Rs. 4 and 5 W. as
heretofore described
Run

N. $89^{\circ}56'$ E. on a true line
bet. sec. 6 and 31.

Var. $14^{\circ}43'$ East.

Over rolling land
ascend 200 ft.

20.00

Top of ascent, descend
100 ft.

38.00

Foot of descent.

39.60

Get a limestone $18 \times 16 \times 14$
ins. 12 ins. in the
ground for $\frac{1}{4}$ sec. est.
marked $\frac{1}{4}$ on N. face, and
raised a mound of stone
 $1\frac{1}{2}$ ft high 2 ft base.

North boundary of

cho alongside. Pits unprac-
ticable

63.00 Road to Grand canyon,
course N.W. + S.E.

79.60 Set a masonry stone 28 x
16 x 8 ins. 21 ins. in the
ground for cor to see
5, 6, 31 and 32, marked
with 5 notches on E. and
1 notch on W. edges, and
raised a mound of stone
1 1/2 ft high, 2 ft base
alongside. Pits un-
practicable.

→ Land, broken and rolling.
Soil rocky, 4 strata,
no timber,

N 89° 56' E. on a true line

Sp. 25 N.R. 4 West (cont.)

chs. bet secs. 5 and 32.

Var. 140 43' East.

over rolling land.

40.00 Set a malpais stone $36 \times 12 \times 8$ ins. 29 ins in the ground, for $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$ on N. face, and raised a mound of stone $1\frac{1}{2}$ ft high, 2 ft base along side, from which a cedar 8 ins. diam. br. S. 130° N. 111 lks. dist. marked $\frac{1}{4}$ S.B.T.

a cedar 20 ins. diam. br. S. 73° E. 93 lks. dist. marked $\frac{1}{4}$ S.B.T.

61.00 ascend 100 ft.

65.00 Top of ascent.

Descent 150 ft.

North Boundary of

cho

73.00

Foot of descent.

80.00

Set a malpais stone
 $20 \times 16 \times 12$ ins. 15 ins.
 in the ground for cor-
 to secs. 4, 5, 32 and 33,
 marked with 4 notches
 on E. and 2 notches on
 W. edges, and raised a
 mound of stone $1\frac{1}{2}$ ft.
 high, 2 ft. base, along-
 side. Puts impracticable
 Land rolling and broken.
 Soil, rocky, 4th rate.
 No timber.

N. 89° 56' E. on a true line
 bet secs. 4 and 33.

Var. 140° 43' East

40.00

Set a malpais stone

Sp. 25 N. R. 4 West (cont)

do. 15 x 16 x 14 ins. 12 ins in
the ground for 1/4 sec. cor-
marked 14 on N. face, and
raised a mound of stone
1 1/2 ft high, 2 ft. base,
alongside. Pits imprac-
ticable

80.00 Set a malpais stone 26 x 18
x 10 ins. 18 ins. in the ground
for cor. to secs 3, 4, 93, and
34, marked with 3 notches
on E. and W. edges, and
raised a mound of stone
1 1/2 ft high, 2 ft. base,
alongside, from which
a cedar 15 ins. diam. hrs.
N. 40° W. 89 sbs. dist. marked
T. 26 N. R. 4 W. S. 33 B.T.
cedar 10 ins. diam. hrs.

North boundary of

lbs

bet secs 2 and 35.

1
 Var $140^{\circ} 43'$ East
 over rolling land.

40.00

Set a malpais stone
 $14 \times 12 \times 8$ ins. 9 ins. in
 the ground for $\frac{1}{4}$ sec.
 cor. marked $\frac{1}{4}$ on N.
 face, and raised a
 mound of stone $1\frac{1}{2}$ ft.
 high, 2 ft. base, along-
 side. Pits impracticable

80.00

Set a malpais stone
 $20 \times 18 \times 8$ ins. 15 ins. in
 the ground for cor. to
 secs. 1, 2, 35 and 36, marked
 with notch on E. and
 5 notches on N. edges,
 and raised a mound
 of stone $1\frac{1}{2}$ ft. high, 2 ft

Sp. 25 N.R. 4 West (cont)

chs. base alongside. Pits un-
practicable.

Land rolling.

Soil, rocky & thrate.

No timber.

N. 89° 56' E. on a true line
bet sec 1 and 36.

Var. 140° 43' East.

32.00 Enter bed of dry lake on
line.

40.00 Set a malpais stone 14 x
14 x 8 in. 9 in. in the
ground for 1/4 sec. cor.
marked 1/4 on N. face, and
raised a mound of stone
1 1/2 ft high, 2 ft base,
alongside. Pits un-
practicable

North Boundary of

chs.

57.00

Leave bed of dry lake

80.00

The cor. to Tps 25 and 26

N. Rs. 3 and 4 W.

Land, rolling.

Soil, rocky, 4th rate.

No timber.

July 11th, 1894.

Ip. 25 N.R. + Nest (cont)

25

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Latitudes, Departures

Line designated as.	True Bearing
N. boundary.	North
N. boundary.	N. 89° 56' E.
E. boundary.	South
S. boundary.	West
convergence.	

and closing errors.

Distance	Latitudes		Departures	
	N.	S.	E.	W.
480.00	480.00			
479.60	.56		479.60	
480.00		480.00		
480.00				480.00
			.52	
	480.56	480.00	480.12	480.00
Totals	480.00		480.00	
Error in latitude	.56		Error in departures	.12

General Description

This line runs over broken and rolling land, through undergrowth.

The township on the N. is broken and rolling in character.

The township on the S.

is rough and broken, covered
with undergrowth and
contains some ponds or
tanks of water.

There are several settlers
in this township.

Charles E Perkins

Compassman ^{and}

U.S. Deputy Surveyor

U. S. Surveyor-General's Office,

TUCSON, A. T., July 13 1895

The foregoing Field Notes of the Surveys of
N & E, Exterior boundaries
of Tp: 25. N. R. 4 W.

Gila and Salt River Meridian
in Arizona executed by
F. W. Oury

U. S. Deputy Surveyor, under his contract dated
June 21st 1893,
having been critically examined, the necessary correc-
tions and explanations made, the said Field Notes and
the surveys they describe are hereby approved.

Geo. H. Manning
U. S. Surveyor-General
for the Territory of Arizona.