

1.

BOOK 1444

1444

No. 1444

4-671

FIELD NOTES

GENERAL LAND OFFICE.

*East, Exterior Boundary
Township 24 N. R. 5. E.*

BOOK 1444

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No. 1444

Field Notes
of the survey of the
East Boundary
of
Township No. 24 N. R. 5 East,
of the
Gila and Salt River base and meridian
in the
Territory of Arizona
as surveyed by
Francis W. Cury
U. S. Deputy Surveyor -
Charles F. Perkins,
Compassman and U. S. Deputy Surveyor -
under contract No. 31 -
dated June 21, 1893.

Survey commenced June 6, 1894.
Survey completed June 6, 1894.

East boundary

ch. Survey commenced June 6, 1894, with a W. and S. E. Gurley solar transit at the cor. to Tps 23 and 24 N. Rs. 5 and 6 E. I take an observation on the Sun and find my instrument in perfect adjustment, and the variation to be $15^{\circ} 38' E.$

Thence I run

North bet. secs. 3 and 36.

Var. $15^{\circ} 38' East.$

over mountainous land, through pine timber ascent 200 ft., over East slope of mountain. a pasture fence runs along this line.

T. 24 N. R. 5 East.

chs.

- 9.00 a wire fence, across line
course $N. 8^{\circ} E.$ and $S. 5^{\circ} W.$
- 21.30 Top of ascent.
- 22.40 a wire fence across line,
course $N. 80. W.$ and $S. 80 E$
- 25.00 Descends 250 ft.
- 30.87 a pole fence across line,
course $N. E.$ and $S. W.$
- 40.00 Set a post 3 ft. long, 3
ins. square, 12 ins. in
the ground for $\frac{1}{4}$ sec. cor.
marked $\frac{1}{4}$ S. on W. face,
and dug pits $18 \times 18 \times 12$
ins. N. and S. of post.
 $5\frac{1}{2}$ ft. dist. and raised a
mound of stone, covered with
earth $1\frac{1}{2}$ ft high, $3\frac{1}{2}$ ft.
base, around post, from
which

East Boundary

- chs. a Pine 20 ins diam. hrs.
N. 85° 15' E. 9 lbs. dist.
- marks 1/4 S. B.T.
No other pins within limits
Foot of descent.
- 45.00
- 48.95 a Pole fence across line
course E and N.
Thence over rolling land,
through heavy pine
timber.
- 80.00 Set a malpais stone 14
x 12 x 10 ins. 9 ins. in the
ground for cor to cor
25, 30, 31 and 36, marked
with 5 notches on N. and
1 notch on S. edges, and
raised a mound of stone
1/2 ft high 2 ft base,
slang side, from which
a Pine 8 ins diam. hrs

T. 24 N. R. 5 East (cont)

chs. N. 35° 30' E. 178 lks. dist.
 marked T. 24 N. R. 6 E. S. 30 B.T.
 a Pine 16 mi. diam. hrs. S.
 71° 15' E. 36 lks. dist. marked
 T. 24 N. R. 6 E. S. 31 B.T.
 a Pine 12 mi. diam. hrs.
 S. 50° 45' W. 35 lks. dist.
 marked T. 24 N. R. 5 E. S. 36 B.T.
 a Pine 10 mi. diam. hrs.
 N. 50° 30' W. 46 lks. dist.
 marked T. 24 N. R. 5 E. S. 25 B.T.
 Land, mountains and
 rolling.
 Soil, 3^d and 4th rate.
 Timber, pine.
 mountainous, or heavily
 timbered land, 80 lks.

North bet. sec. 25 and 30.

East Boundary

chs

Var. $15^{\circ} 38'$ East.

ever rolling land, through
heavy pine timber

40.00

Set a malpais stone 8×12
 $\times 12$ ins. 2 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,

along side, from which
a Pine 6 ins. diam. br.

N. $69^{\circ} 45'$ W. 85 lks. dist.

marked $\frac{1}{4}$ B.B.T.

a Pine 26 ins. diam. br.

S. $57^{\circ} E$ 63 lks. dist. marked

$\frac{1}{4}$ B.B.T.

80.00

Set a malpais stone 20×14

$\times 12$ ins. 15 ins. in the

ground for cor to sec

T. 24 N. R. 5 East (cont)

chs 19, 24, 25 and 30, marked with 4 notches on N. and 2 notches on S. edges, and raised a mound of stone $1\frac{1}{2}$ ft high, 2 ft base, along side, from which

a Pine 20 ins. diam. hrs.

N. $23^{\circ} 30'$ E. 19 lbs dist. marked

T. 24 N. R. 6 E. S. 19 B.T.

a Pine 12 ins. diam. hrs.

S. $50^{\circ} 15'$ E. 22 lbs dist.

marked T. 24 N. R. 6 E. S. 30 B.T.

a Pine 6 ins. diam. hrs.

S. $86^{\circ} 45'$ W. 30 lbs dist.

marked T. 24 N. R. 5 E. S. 25 B.T.

a Pine 20 ins diam hrs.

N. 51° W. 95 lbs dist.

marked T. 24 N. R. 5 E. S. 24 B.T.

Land, rolling.

East Boundary

chs Soil, rocky, 4th rate.
 Timber, pine.
 Heavily timbered land
 80 chs.

North bet. secs. 19 and 24.

Var. $15^{\circ}38'$ East.

over rolling land, through
 timber.

40.00 Set a masonry stone 16×14
 $\times 10$ ins. in the
 ground, for $\frac{1}{4}$ sec. cor.
 marker $\frac{1}{4}$ on W. face,
 and raised a mound of
 stone $\frac{1}{2}$ ft high, 2 ft.
 base, alongside, from
 which
 a Pine 8 ins diam. bis.
 N. 67° W. 13 lks. dist. marked

T. 24 N. R. 5 E. (cont)

cho. 1/4 S. B.T.

a Pine 8 ins. diam. hrs.
S. 70° E. 115 lbs. dist. marked
1/4 S. B.T.

Po. 00 Get a malpais stone 17 x
14 x 11 ins. 12 ins. in the
ground for cor. to sec.
13, 18, 19 and 24, marked
with 3 notches on N- and
S. edges, and raised a
mound of stone 1/2 ft.
high, 2 ft. base, along side,
from which
a Pine 6 ins. diam. hrs.
N. 17° 45' E. 200 lbs. dist.
marked T. 24 N. R. 6 E. S. 19 B.T.
a Pine 6 ins. diam. hrs.
S. 120° 30' E. 104 lbs. dist.
marked T. 24 N. R. 6 E. S. 19 B.T.

East Boundary

chs a Pine 6 ins diam. bus
 S 61° 30' W. 201 lks. dist.
 marked T. 24 N. R. 5 E. S. 24 B.T.
 a Pine 20 ins. diam. bus.
 N. 18° W. 184 lks. dist. marked
 T. 24 N. R. 5 E. S. 13 B.T.
 Land, rolling.
 Soil, rocky, 4th rate.
 Timber, pine.
 Heavily timbered land
 80 chs.

North bet. sees. 13 and 18.
 Var. 150° 38' East.

Over rolling land, through
 timber

Descent gradually 75 ft.

21.00 Foot of descent.

22.00 Leave heavy timber.

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T. 24 N. R. 5 E. (cont)

chs. Thence over open rolling
prairie

40.00 Set a malpais stone 18×14
 $\times 10$ ins. 12 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 along side, from
which

a Pmi 16 ins diam. lvs.
N. $87^{\circ}45'$ E. 127 lks. dist marked
 $\frac{1}{4}$ S. B. T.

a Pmi 36 ins. diam. lvs.
N. $27^{\circ}30'$ E. 231 lks. dist.
marked $\frac{1}{4}$ S. B. T.

80.00 Set a malpais stone $22 \times$
 16×10 ins. 15 ins. in the
ground for $\frac{1}{4}$ sec. cor.

East Boundary

chs 7, 12, 13 and 18, marked
 with 2 notches on N. and
 4 notches on S. edges,
 and raised a mound of
 stone 1 1/2 ft. high, 2 ft.
 base, alongside. Pits
 impracticable.
 Land, rolling
 Soil, rocky, 4th rate.
 Timber, pine.
 Heavily timbered land 22 chs.

North bet. secs. 7 and 12.

Var. 15° 38' East.

Over open rolling land.

21.00 S.E. edge of old crater and
 dry lake.

40.00 Set a malpais stone 16
 x 14 x 12 ins. 11 ins. in

T. 24 N. R. 5 E. (cont)

cho 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, alongside. Pits
 impracticable

80.00 Set a malpais stone 20 x
 14 x 12 ins. 15 ins. in the
 ground for cor. to sec.
 16, 7 and 12, marked with
 1 notch on N. and 5 notches
 on S. edge, and raised
 a mound of stone $1\frac{1}{2}$ ft.
 high, 2 ft. base, alongside.
 Pits impracticable
 Land, rolling.
 Soil, stony, 4th rate.
 No timber

East Boundary

chs North bet. secs. 1 and 6.

Var. 150° 38' East.

Over open rolling land.

40.00 Get a malpais stone 16x12x
10 ins. 11 ins. in the ground
for $\frac{1}{4}$ sec. cor. marked
 $\frac{1}{4}$ on W. face, and raises
a mound of stone $1\frac{1}{2}$
ft. high, 2 ft. base, along-
side. Puts impracticable
ascend 100 ft.

53.00 Top of ascent.

Descend gradually 75 ft.

60.52 Intersect the Sixth Stand.
and Parallel North, at a
point 10.66 chs. N. 89° 76' of the
standards $\frac{1}{4}$ sec. cor. on
S. bdy of sec. 36, T. 25 N. R.
5 E. at which point

89° 17' (plat)

T. 24 N. R. 5 E. (cont)

also I set a sand stone $14 \times 12 \times 10$
 ins. \times ins. in the ground
 for closing cor. & sec. 146. T. 24 N. R. 5 E. S. 6 E.
 marked C. C. on S. with
 6 notches on S., E., and W.
 faces, and raised a
 mound of stone $1\frac{1}{2}$ ft.
 high, 2 ft. base, along side
 from which
 a Pinon 14 ins. diam. - lbs.
 S. 240 30' W. 114 lbs. dist.
 marked T. 24 N. R. 5 E. S. 1 B. T.
 a Pinon 12 ins. diam. - lbs.
 S. 60 30' E. 193 lbs. dist.
 marked T. 24 N. R. 6 E. S. 6 B. T.
 a Pine 6 ins. diam. lbs.
 S. 75 0' E. 30 lbs. dist. marked
 T. 24 N. R. 6 E. S. 6 - B. T.
 Land, rolling.
 Soil, rocky, 4th rate.

E. hely T. & N. R. 5 E.

do Timber, scattering pine
and fir

June 6th 1894.

Latitudes, Departures

Lines designated as	True bearing
W. boundary	North
6 th Standard Parallel North	S 89° 37' E.
	S 89° 16' E.
	S 89° 08' E.
	S 88° 47' E.
	N. 89° 20' E.
	S. 89° 36' E.
	S 89° 37' E.
	N. 89° 32' E.
	S 89° 14' E.
	S 89° 27' E.
	S 89° 11' E.
	S 89° 46' E.
	N. 89° 17' E.
E. boundary	South
South boundary convergence	West

and closing errors.

Distance	Latitudes		Departures.	
	N.	S.	E.	W.
463.10	463.10			
15.37		.10	15.37	
40.18		.51	40.18	
40.81		.62	40.81	
40.29		.85	40.29	
40.20	47		40.20	
40.36		.28	40.36	
40.36		.27	40.36	
39.00	.32		39.00	
39.16		.52	39.16	
39.25		.38	39.25	
40.48		.58	40.48	
40.58		.17	40.58	
10.66	.13		10.66	
460.52		460.52		
468.84				468.84
	464.02	464.80	50	468.84
		464.02	467.20	467.20
Total		error 0.78	error	1.64

General Description

This line runs over broken, rolling land. The township on the East is mountainous in character and contains some pine timber.

The township on the west is rough and broken, and also contains some good timber.

There are several settlers in this township and several springs of good water.

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
the East Exterior Boundary
of Twp. 24 N. R. 5 E.

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 corrections and explanations made, the said Field Notes and the surveys they describe are hereby approved.

Levi H. Manning

U. S. Surveyor-General
for the Territory of Arizona.