

1534

~~BOOK 1534~~

East Boundary

T. 14 S. R. 15 E.

1534

BOOK 1534

4-671

FIELD NOTES
GENERAL LAND OFFICE.

BOOK 1534

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Field Notes
of the Survey of the
East Boundary
of
Township No. 14. South, Range
No. 15 East
of the
Gila and Salt River Base and
Meridian
in the
Territory of Arizona
as surveyed by
Philip Contzen
U. S. Deputy Surveyor.
Under his Contract No. 43.
Dated, February 11th 1897.
Survey Commenced: Sept 9th 1897
Survey Completed Sept 9th 1897.

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BOOK 1534

Fort Lowell Military Reserve

13 11 18

+

24 9 19

+

T 14 S. R. 15 E

25 7 30

+

36 5 31

+

East boundary of T. 14 S., R. 15 E.

Survey commenced Sept 9th 1897 and executed with a Young and Son's light mountain transit, No. 5609, with a Smith's solar attachment.

The instrument was examined, tested on the true meridian at Tucson, and found correct, and was approved by the Surveyor General for Arizona, April 30 1897. In compliance with special instructions, dated April 16th 1897, page 1, I set a special cor. to Tps. 14 S. Rs. 15 and 16 E., S. 89° 59' W. 3.37 cho. dist., from cor. set by U. S. Deputy Surveyor Martineau, October 24th 1893, which is a sandstone 12 x 10 x 8 ins., 8 ins. above ground marked and witnessed as described by the surveyor general, which I changed to a Cor. to two Townships

East boundary of T. 14

Chains

by obliterating the notches on N. and E. edges, also the pits, and digging pits $30 \times 24 \times 12$ ins. S.E. and S.W. of stone 8 ft. dist.

For Cor. to Tps. 14 S. Ro. 15 and 16 East, I set a sandstone $16 \times 10 \times 8$ ins., 11 ins. in the ground, marked with 6 notches on N., E. and W. edges, dig pits $30 \times 24 \times 12$ ins., N.E. and N.W. of stone 8 ft. dist., and raise a mound of earth 5 ft. base, $2\frac{1}{2}$ ft. h. W. of cor.

Sept. 9th: At $7^{\text{h}} 55^{\text{m}}$ A.M. 2. m. t., I set off $32^{\circ} 10'$ on the lat. arc; $5^{\circ} 5'$ N. on the decl. arc; and determine a true merid. line with the solar at the cor. of Tps. 14 S., Ro. 15 and 16 E.

S., R. 15 E., Continued

Chains.

Thence I run

N. bet secs. 31 and 36.

Over rolling land, ascending.

- 6.00 Top of mesa bears N. E and S. W.
- ~~13.50~~ Cross dry wash 3 lks. wide, course W.
- 20.98 Cross dry wash 5 lks. wide, course W.
- 24.50 Cross dry wash 40 lks. wide, course S. W.
then N. W.
- ~~32.60~~ Cross dry wash 3 lks. wide, course W.
- 39.25 Cross dry wash 20 lks. wide, course W,
thence S. W.
- 40.00 Set a granite stone 16 x 8 x 5 ins,
11 ins. in the ground for $\frac{1}{4}$ Sec. Cor.,
marked $\frac{1}{4}$ on W. face, from which
A mesquite tree 8 ins. diam., bears
S. $88\frac{1}{4}^{\circ}$ E., 134 lks. dist. marked $\frac{1}{4}$ S. B. T.
A palo verde tree 7 ins. diam. bears
N. 57° W., 103 lks. dist. marked $\frac{1}{4}$ S. B. T.
- 53.30 Cross dry wash 4 lks. wide, course W.

East boundary of T. 14 S.

Chains

57.60 Cross dry wash 3 lks. wide, course NW,
thence W.

70.20 Cross dry wash 4 lks. wide, course NW.

78.65 Cross dry wash 20 lks. wide, course W.

79.95 Cross dry wash 10 lks. wide, course SW.

80.00 Set a sandstone 18 x 6 x 6 ins, 12 ins,
in the ground for cor. to secs. 25, 30
31. and 36, marked with 5 notches
on N. and 1 notch on S. edges,
and raise a mound of stone 2 ft.
base, 1 1/2 ft. high, W. of Cor.

From which

A mesquite tree 6 ins. diam. bears
S. 10° W. 35 lks. dist. marked T. 14 S.
R. 15 E. S. 36 B. F.

No other trees within limits
Land, cottoning.

Soil, gravelly loam, 2^d rate.

No timber, palo verde, catoclaw,

R. 15 E. Continued

Chains.

mesquite and cactus undergrowth.

North bet Secs. 25 and 30

Over rolling land

- 15.50 Cross dry wash 25 lks. wide, course W.
- 17.60 Cross dry wash 5 lks. wide, course W.
- 26.50 Cross wood road, course E. and W.
- 34.00 Cross dry wash 5 lks. wide, course N.W.
- 34.50 Cross dry wash 8 lks. wide, course W.
- 40.00 Set a sandstone 18 x 10 x 7 ins., 12 ins. in the ground for $\frac{1}{4}$ Sec. Cor., marked $\frac{1}{4}$ on W. From which
- A palo verde tree 8 ins. diam., bears N. $54^{\circ}4'$ E., 112 lks. dist., marked $\frac{1}{4}$ S.B.T.
- A mesquite tree 6 ins. diam., bears N $11^{\circ}4'$ W., 140 lks. dist. marked $\frac{1}{4}$ S.B.T.
- 41.72 Cross dry wash 5 lks. wide, course N.W.
- 43.15 Cross dry wash 23 lks. wide, course W.
- 54.70 Cross dry wash 6 lks. wide, course W.

East boundary of T. 14 S.

Chains

- 66.00 Cross dry wash 4 lks. wide, course W
 75.00 Cross dry wash 5 lks. wide, course NW
 77.50 Cross dry wash 8 lks. wide, course W
 79.90 Cross dry wash 20 lks. wide, course SW
 80.00 Cor. point. to secs. 19, 24, 25 and 30.
 80.40 Set a granite stone 17 X 8 X 4 ins, 12
 ins, in the ground for Witness Cor
 to secs. 19, 24, 25 and 30, marked
 W.C. on W. face, with 4 grooves on N, and
 2 grooves on S. faces, and raise a
 mound of stone 2 ft. base, 1 1/2 ft.
 high, W. of cor.

From which

A mesquite tree 6 ins. diam., bears
 S. 89° E., 92 lks. dist. marked T. 14 S.
 R. 15 E. S. 30 W. C. B. S.

A palo verde tree 5 ins. diam. bears
 N. 49 1/4° W. - 180 lks. dist. marked
 T. 14 S. R. 15 E. S. 24 W. C. B. S.
 No other trees within limit.

R. 15 E. Continued

Chamso

Land, rolling.

Soil, gravelly loam, 3^d rate.No timber; palo verde, catclaw,
mesquite and cactus undergrowth

North bet Secs. 19 and 24

Over rolling land

- 11.47 Cross wood road to Tucson, bears No.
and SW.
- 21.82 Cross dry wash 5 lks. wide, course NW.
- 30.45 Cross dry wash 2 lks. wide, course NW.
- 37.26 Cross dry wash 10 lks. wide, course W.
- 40.00 Set a granite stone 17 x 7 x 4 ins., 12
ins., in the ground for $\frac{1}{4}$ Sec. Cor. marked
 $\frac{1}{4}$ on W. face, from which
A palo verde tree 5 ins. diam., bears
N. $48\frac{1}{2}^{\circ}$ E., 71 lks. dist., marked $\frac{1}{4}$ S.B.F.
A palo verde tree 6 ins. diam., bears N.
 $87\frac{1}{2}^{\circ}$ W., 164 lks. dist., marked $\frac{1}{4}$ S.B.F.

East boundary of T. 14 S.,

Chains

64.25

67.00

80.00

Cross dry wash 3 Wks. wide, course W.
Road from Tucson, bears N.W. and N.E.
Set a sandstone 20 x 8 x 4 ins.; 15 ins.
in the ground for cor. to secs. 13, 15.

19. and 24., marked with 3 notches
on N. and S. edges, dig pits 18 x 18
x 12 ins., N.W. and S.E. of stone
5 1/2 ft dist. From which

A mesquite tree 7 ins. diam. bears
S. 35 1/2° W; 173 Wks. dist., marked
T. 14 S. R. 15 E. S. 24 B.T.

A mesquite 5 ins. diam. bears N.
87 1/2° W; 194 Wks. dist., marked T. 14
S. R. 15 E. S. 13 B.T.

No other trees within limit.

Land, rolling.

Soil, gravelly loam, 3^d rate.

No timber; palo verde, mesquite
and cactus undergrowth.

R. 15. E. Continued

North bet Secs. 13 and 18.

Over rolling land.

- ~~9.15~~ Cross dry wash 4 lks. wide, course NW.
- 18.40 Cross dry wash 7 lks. wide, course NW
- 20.90 Cross dry wash 3 lks. wide, course W.
- 29.80 Cross dry wash 7 lks. wide, course N.N.W.
- 33.30 Cross dry wash 5 lks. wide, course W.
- 40.00 Set a granite stone $17 \times 6 \times 5$ ins.,
12 ins. in the ground for $\frac{1}{4}$ Sec. Cor.,
marked $\frac{1}{4}$ on W. face, from which
A mesquite 7 ins. diam., bears $N. 68^{\circ} \frac{1}{4}^{\circ}$
W., 197 lks. dist., marked $\frac{1}{4}$ S.B.T.
A mesquite 6 ins. diam., bears $S. 54^{\circ} \frac{1}{4}^{\circ}$
W., 25 lks. dist., marked $\frac{1}{4}$ S.B.T.
- 45.00 Cross dry wash 10 lks. wide, course NW.
- 54.10 Cross dry wash 15 lks. wide, course W.
- 59.13. Intersect S. bdy of Camp Lowell
Military Reservation 203 $\frac{1}{2}$ lks W.
of monument XII, heretofore

East boundary T. 14 S. R. 15 E. Concluded
Chains.

described by me.

Set a lava stone $18 \times 8 \times 3$ ins.,
12 ins., in the ground for Closing
Cor. to fractional Secs. 13 and 18
marked M. R. on N., C. C. on
S., 18 on E., and 13 on W.
faces., dig pits $24 \times 18 \times 12$ ins.,
crosswise on each line, E. and W.,
3 ft., and S. of stone 7 ft. diam.; and
raise a mound of earth 4 ft. base,
2 ft high, S. of cor.

Land, rolling.

Soil, gravelly loam, 3^d rate.

No timber; undergrowth palo
verde, mesquite and cacti.

Sept. 9th 1897

BOOK 1534

Boundaries of T. 14 S., R. 15 E.

Latitudes, departures and closing errors.

Line designated	True Bearing	Distance	Latitudes		Departures	
			N.	S.	E	W
S. bdy T. 14 S. R. 15 E	N 89° 39' W	480.00	---	.14	---	480.00
W. bdy T. 14 S. R. 15 E	N 0° 3' E	81.01	81.01	---	0.07	---
" " " "	N 0° 4' E	81.05	81.05	---	0.09	---
" " " "	N 0° 4' E	80.67	80.67	---	0.09	---
" " " "	N 0° 12' E	54.75	54.75	---	0.28	---
N. bdy (S. bdy Camp, Powell Mil. Res.)	N 89° 50' E	400.64	1.16	---	400.64	---
	East	77.88	---	---	77.88	---
E. bdy T. 14 S. R. 15 E	South	299.13	---	299.13	---	---
Convergency	---	---	---	---	---	.28
Totals	---	---	298.64	299.27 298.64	479.33	480.00 479.33
Error in lat.	---	---	---	.63	Error in dept	.65

Philip Contzen
U. S. Deputy Surveyor

Note.

Preliminary plats, Book 1, 2 & 7.
bdys. T. 17 S., R. 25 E.
Final plats, Book 4, Subdiv-
isions, T. 17 S., R. 25 E.

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For Surveyor General's
Certificate of approval ~~see~~
of field notes see
close of subdivisions
of T. 17 S. R. 25 E.