

3.

SUBDIVISION
MEANDERLINES

T14 S R 15 E
(FT. LOWELL
MIL. RES.)

1797

CONTRACT
No 63
CONTZEN
U.S. DEP. SUR

1797

1797

BOOK 1797

4-671

1797

FIELD NOTES
GENERAL LAND OFFICE.

1797

Field Notes
 of the survey of the
 Subdivision Lines
 of
 Township 14 South, Range 15 East
 Camp Lowell Military Reservation.

of the
 Gila & Salt River Base & Meridian
 in the
 Territory of Arizona.
 as surveyed by
 Philip Coutzen
 U S Deputy Surveyor
 under his contract n^o 63
 Dated Jan 12, 1900.

Survey commenced July 14, 1900
 Survey completed July 19, 1900.

1A

Bk 1797

Index for

BOOK 1797
BOOK 1798

(4-674.)

Township 14 S. R. 15 E.

6	51	5	38	4	27	3	18	2	7	1
49		47		37		26		16		6
7	46	8	35	9	25	10	14	11	4	12
43		41		33		23		13		2
18	39	17	31	16	22	15	11	14	/	13
19		20		21		22		23		24
30		29		28		27		26		25
31		32		33		34		35		36

6-389

Meanders 54-65

Subdivisions of T 14 S. R 15 E
chains

July 14th 1900. at 7.30 a.m. t
I set off $32^{\circ} 13' N$ on Lat. arc,
 $21^{\circ} 43' N$ on Decl. arc. and
determine a true meridian
with the solar at the
closing corner to secs. 11

12, 13 and 14 T 14 S R 15 E
which is a stone marked and witnessed as described
Thence I run ^{by the surveyor General}

$N 0^{\circ} 01' W$. bet. secs. 13 & 14.
over rolling land.

20. 91 Set a Granite stone $18 \times 8 \times 5$ ins
12 ins in the ground for
cor. to secs. 11, 12, 13 and 14
marked with 4 notches on S
and 1 notch on E edges
from which a Palo Verde
6 ins. diam. bears $N 32^{\circ} \frac{1}{4}' E$
 $4\frac{1}{2}$ lks. dist. marked T 14 S. R
15 E. S. 12. B. T. a mesquite

Subdivisions of T14S, R15E, continued
 chains

6 ins diam bears S45°W
 210 lks. dist. marked T14S.
 R.15E. S14. B.T. no other
 trees within limits. raised
 a mound of stone 2 ft
 base, 1½ ft. high W. of cor.
 Land rolling.

Soil gravelly. 2nd & 3rd rate
 Timber, Palo Verde.

Undergrowth, mesquite, Palo
 Verde, cholla & giant cactus

N89°59'E on a random line
 bet secs. 12 & 13.

40.00 bet temp ¼ sec. cor.

79.78 intersect N+S line 6 lks. N
 of cor. to secs. 7, 12, 13 & 18

Thence I run

N89°58'W on a true line.

Subdivisions of T14S. R. 15E. con.
chains

bet. secs. 12 and 13
over rolling land.

39.89 Set a granite stone $20 \times 8 \times 5$ ins
14 ins. in the ground for 1/4
sec. cor. marked 1/4 S 12 on N
face, 13 on S. face, from which
a *Yesota* 5 ins. diam, bears
N $33\frac{3}{4}^{\circ}$ W. 171 $\frac{1}{2}$ lks. dist. marked
1/4 S 12 B.T., a *Palo Verde* 10 ins.
diam, bears S $58\frac{1}{4}^{\circ}$ W. 139 lks.
dist. marked 1/4 S 13 B.T.

79.78 The cor. to secs. 11, 12, 13 & 14.

Land rolling

Soil gravelly, 2nd & 3rd rate

Timber, *Palo Verde*

Undergrowth, *Palo Verde*, cholla
& giant cacti

Subdivisions of T14S, R15E, continued
chains:

N 0° 01' W. bet. secs. 11 and 12,
over rolling land.

13.60 wash 36 lks. wide, course SW
40.00 Set a Limestone 18x8x6 ins.
12 ins. in the ground for $\frac{1}{4}$ sec.
cor. marked $\frac{1}{4}$ S 11 on W. face
12 on E. face, from which
a mesquite 8 ins. diam. bears
N 47 $\frac{1}{4}$ ° E. 20 lks. dist. marked
 $\frac{1}{4}$ S. 12. B.T. a mesquite 7 ins.
diam. bears S 75 $\frac{1}{2}$ ° W. 118 lks.
dist. marked $\frac{1}{4}$ S. 11. B.T.

70.00 Leave Palo Verde and enter
dense Tesota

80.00 Set a Granite stone 18x8x6 ins
12 ins. in the ground for cor.
to secs 1, 2, 11 and 12, marked
with 5 notches on S. and
1 notch on E edges, from

Subdivisions of T14S R15E continued
chains

which a Tesota 5 ins. diam.
bears $N 83\frac{3}{4}^{\circ} E$, 117 lks. dist.

marked T14S, R15E, S.1, B.T.

a Tesota 5 ins. diam. bears
 $S 12\frac{1}{2}^{\circ} E$, 70 lks. dist. marked
T14S, R15E, S 12, B.T.

a mesquite 36 ins diam, bears
 $S 39\frac{1}{4}^{\circ} W$, 64 lks dist. marked
T14S, R15E, S 11, B.T.

a mesquite 6 ins. diam. bears
 $N 62\frac{3}{4}^{\circ} W$, $204\frac{1}{2}$ lks. dist. marked
T14S, R15E, S. 2, B.T.

Land rolling

Soil, gravelly, 200th rate

Timber, Palo Verde, mesquite
and Tesota.

Undergrowth, Palo Verde, Tesota
mesquite + cholla

Land covered with dense
undergrowth 10.00 chs

subdivisions of T14S, R15E continued
chains

- $\odot 89^{\circ}58'E$ on a random line
bet. Pics. 1 and 12.
 40.00 Set Temp. $\frac{1}{4}$ sec. cor.
 79.90 Intersect E. bdy. of Twp. 4 lks. N
of cor. to secs. 1, 6, 7 and 12
 Thence I run
 $N 89^{\circ}56'W$ on a true line
bet. secs. 1 and 12
 9.70 old road bears N and S
 12.10 Wash 25 lks. wide, course N.
 15.30 Wash 30 lks. wide, course N. Westerly
 20.00 Enter bottom land and dense
mesquite & *Fusola* undergrowth.
 39.95 Set a granite stone $18 \times 8 \times 5$ ins.
12 ins. in the ground for $\frac{1}{4}$ sec
cor. marked $\frac{1}{4}$ S. 1. on N face
12 on S face, from which
a mesquite 26 ins. diam. bears
 $N 83^{\circ}E$. 46 lks. dist. marked

Subdivisions of T14S R. 15E Continued
chains $\frac{1}{4}$ S. 1. B.T.A *Tesota* 5 ins. diam. bears
S 64° W. 23 lks dist. marked $\frac{1}{4}$ S. 12. B.T.

79.90 The cor to secs. 1, 2, 11 & 12.
Land level and rolling
Soil, gravelly, 2nd & 3rd rate.
Timber, some mesquite
Tesota and *Paloverde*
Undergrowth, mesquite, *Tesota*
Dense undergrowth 59.90 chs.

N 0° 01' W. bet. secs. 1 and 2.

Over level and rolling land

4.30 Road to Tanque Verde bears E & W.

Left Bank of Tanque Verde creek

14.30 Set a Granite Stone 18 x 6 x 6 ins.
12 ins. in the ground for meander
corner of fractional secs 1 and
2 marked N.C. on N face, with

subdivisions of T14S, R15E Continued
chains

- one notch on E face, from which a mesquite 20 ins. diam. bears E. 10 lks. dist. marked. T14S, R15E, S.1. M.C.B.T.
- a mesquite 20 ins. diam. bears $S 77\frac{1}{4}^{\circ} W$, 24 lks. dist. marked T14S, R15E, S.2. M.C.B.T.
- 14.40 Enter Tanguo Verde creek, course West.
- 16.20 Right Bank of Tanguo Verde creek
- 16.30 Set a Granite stone $18 \times 6 \times 6$ ins. 12 ins. in the ground for Meander Cor. of fractional secs. 1 and 2. marked M.C. ^{and 1 notch on E face.} on S. face, from which a mesquite 3 ins. diam. bears $N 20\frac{1}{4}^{\circ} E$ 25 lks. dist. marked T14S, R15E, S.1. M.C.B.T.
- a mesquite 14 ins. diam. bears

Subdivisions of T4S R15E. continued
chains

N 64° W. 95 lks. dist. marked
T4S. R15E. S.2. M.C.B.T.

18.00 Enter dense mesquite under-
growth. bears E & W

20.00 Wire fence bears E and W

40.00 Set a Quartzite rock 18x8x6 ins
12 ins in the ground for 1/4
sec. cor. marked 1/4 S.2 on W
face, 1 on E face from
which a mesquite 4 ins.
diam. bears S 16 2/3° E 104 lks.
dist. marked 1/4 S.1. B.T.

a mesquite 5 ins. diam. bears
S 27° W. 60 lks. dist. marked
1/4 S.2. B.T.

40.08 Wire fence, bears E and W

40.50 Wash 30 lks. wide, course W

55.64 Road to Tanque Verde, bears E and W

59.50 Wash 65 lks. wide, course S W

Subdivisions of T14S. R15E continued
chains

68.80 Wash 90 lks wide, course SW

70.70 Road bears SW

85.24 Intersect North Boundary of
Tp. 2.27 chs. W. of cor. to secs
35 and 36, as heretofore described:

Set a Granite stone 28x10x7
ins. 22 ins. in the ground for
closing corner to secs. 1 and
2. marked CC. on S. with 1
groove on E. and 5 grooves
on W. faces. from which
a Tesolā 5 ins. diam. bears
S 21° E. 208 lks. dist. marked
T14S. R15E. S. 1. B.T.

A Tesolā 5 ins. diam. bears
S 65³/₄° W 101¹/₂ lks. dist. marked
T14S. R15E S. 2. B.T.

Land rolling and level
Soil sandy and gravelly
2nd rate

Subdivisions of T14S. R. 15E. continued
chains

Timber, mesquite and Texas
cottonwood.

Land covered with dense
undergrowth 67.24 chs.

July 14, 1900.

July 15, 1900. at 7^h30^m a.m.
I set off 32°13' on the Lat arc;
21°31' N on the decl. arc. and
determine a true meridian
with the solar at the
closing cor. of fractional
secs. 14 and 15, T14S. R15E,
which is a stone marked
and witnessed as described
by the surveyor general.

Thence I run

N0°01' W. bet. secs 14 and 15
over rolling land

19.34 Wash 30 chs wide, course NW

Subdivisions of T14S R15E, continued

ains

21.13

Set a Granite stone $18 \times 12 \times 10$ ins
 12 ins in the ground for cor
 to secs 10, 11, 14 and 15, marked
 with 4 notches on S and 2
 notches on E edges, from
 which a mesquite 4 ins.

diam. bears $N. 36^\circ E.$ 37 lks
 dist. marked T14S R15E, S. 11.

B.T. a mesquite 4 ins. diam.
 bears $S 15^\circ E.$ 49 lks. dist
 marked T14S. R15E, S 14. B.T.

a Tesota 4 ins. diam. bears
 $S 20^\circ W$ 57 lks. dist. marked
 T14S. R15E, S. 15. B.T. a mesquite

12 ins. diam. bears $N 87^\circ W$
 58 lks. dist. marked. T14S.
 R15E, S 10. B.T.

Land rolling

Soil sandy and gravelly 2nd & 3rd rate

Subdivisions of T4S R15E Continued

chains

Timber, Palo Verde
Undergrowth, Palo Verde, cholla
giant cacti.

N 89° 59' E on a random line
bet. secs. 11 and 14.

40.00 set temp. $\frac{1}{4}$ sec. cor.

79.76 Intersect N and S. line 9 lks
N of cor. to secs 11, 12, 13 & 14
Thence I run

N 89° 57' W. on a true line
bet. secs. 11 and 14

over rolling land

18.54 Wash 23 lks. wide, course S. W.

39.88 Put a Quartzite stone 18 x 12 x 7 ins
12 ins. in the ground for $\frac{1}{4}$ sec.
Cor. marked $\frac{1}{4}$ S 11 on N face
14 on S face, from which
a Palo Verde 16 ins. diam.

Subdivisions of T14S. R15E. continued.

chains

bears $N45^{\circ}E$ 197 lks. dist.
marked $\frac{1}{4} S 11$. B.T.

a mesquite 8 ins. diam. bears
 $S53\frac{1}{4}^{\circ}E$. 99 lks. dist. marked
 $\frac{1}{4} S 14$. B.T.

79.76 The cor. to secs. 10, 11, 14 and 15

Land rolling

Soil gravelly. 2nd & 3rd rate

Timber Palo Verde

Undergrowth Palo Verde, cholla
and giant cacti.

$N0^{\circ}01'W$ bet. sec. 10 and 11.

Over rolling land

40.00 Set a Granite stone $18 \times 10 \times 4$ ins
12 ins in the ground for $\frac{1}{4}$ sec
cor. marked $\frac{1}{4} S 10$ on W
face, 11 on E face. from
which a mesquite 5 ins. diam.

Subdivisions of T14S R15E continued
chains.

bears $S37\frac{1}{2}^{\circ}E$, 49 lks. dist.
marked $\frac{1}{4}S11B.T.$

A mesquite 5 ins. diam
bears $S84\frac{1}{4}^{\circ}W$, 219 lks. dist.
marked $\frac{1}{4}S10B.T.$

52.30 Wash 15 lks wide course NW

65.10 Wash 25 lks wide course NW

80.00 Set a Granite stone $18 \times 8 \times 5$ ins.
12 ins. in the ground for cor.
of secs 2, 3, 10 and 11, marked
marked with 5 notches on S
and 2 notches on E face
from which

A mesquite 7 ins. diam. bears
 $N47\frac{3}{4}^{\circ}E$ 274 lks. dist. marked
T14S, R15E, S.2, B.T.

A mesquite 7 ins. diam. bears
 $S86\frac{1}{4}^{\circ}E$ 292 lks. dist. marked
T14S, R15E, S11, B.T.

Subdivisions of T14S, R15E. continued
chains

A mesquite 10 ins. diam. bears
 $S86\frac{1}{2}^{\circ}W$ 3.38 chs. dist. marked
 T14S, R15E, S. 10. B.T.

A scrub Mesquite 10 ins. diam. bears
 $N50\frac{1}{2}^{\circ}W$ 215 lks. dist. marked
 T14S, R15E, S. 3. B.T.

Land level and rolling
 Soil, gravelly, 2nd & 3rd rate
 Timber Palo Verde
 Undergrowth, Palo Verde, cholla,
 and giant cacti

$S89^{\circ}57'E$ on a random line
 bet. secs. 2 and 11

40.00 Set Temp. $\frac{1}{4}$ sec. Cor.

79.80 Intersect N and S line 9 lks N
 of cor. to secs. 1, 2, 11 and 12

Thence I run

$N89^{\circ}53'W$ on a True line

Subdivisions of T14S, R15E Continued

chains

- bet. secs. 2 and 11.
Over rolling land
- 10.00 Enter mesa land
- 39.90 Set a Granite Stone 18x10x5 ins.
12 ins. in the ground for $\frac{1}{4}$ sec
cor. marked $\frac{1}{4}$ S. 2. on N face
11 on S face. from which,
A mesquite 8 ins. diam. bears
 $S 64\frac{1}{4}^{\circ} E$. 9 lks. dist. marked
 $\frac{1}{4}$ S. 11. B.T.
A mesquite 10 ins. diam. bears
 $N 65\frac{1}{4}^{\circ} W$ 280 lks. dist. marked
 $\frac{1}{4}$ S. 2. B.T.
- 79.80 The cor. to secs. 2, 3, 10 and 11
Land rolling
Soil gravelly 2nd rate
Timber, Palo Verde.

Subdivisions of T. 14S. R. 15E. continued

chains

N 0° 01' W bet. secs. 2 and 3

32.50 Enter Valley. bears W.

33.67 old road bears E and W.

35.00 Enter dense Tesota

40.00 Put a Granite stone 18x8x7 ins
 .12 ins. in the ground. for 1/4
 sec. cor. marked 1/4 S. 3. on
 W. face, 2 on E face.
 from which

A mesquite 8 ins. diam.
 bears N 42 1/2° E. 29 lks. dist.
 marked. 1/4 S. 2. B.T.

A mesquite 8 ins. diam. bears
 N 36° W. 57 lks. dist. marked
 1/4 S. 3. B.T.

45.60 Road to Tanque Verde bears NW & SE.

50.50 Leave dense Tesota.

50.80 Left Bank of Tanque Verde River
 Put a mesquite post. 3 ft. long

Subdivisions of T14S, R15E, continued
chains

3 ins. sq. 24 ins. in the ground
for meander cor. to fractional
secs. 2 and 3, marked M.C.
on N face, T14S, on S. face
R15E S. 2. on E face
S 3 on W face, from which
a cottonwood 24 ins. diam
bears S 66° E 63 chs. dist.
marked T14S, R. 15E, S. 2, M.C. BT.
A mesquite 6 ins. diam
bears S 88° W, 1.24 chs. dist.
marked T14S, R 15E, S. 3 M.C. BT.
Enter Tanque Verde River
course W.

52.75 Road bears NE and SW.
55.90 Leave Tanque Verde River, Course
SW.

Set a Quartzite stone 18x10x6 ins.
12 ins in the ground for meander

Subdivisions of T14S. R15E. continued
chains

Cor. to fractional sections
2 and 3. on Right Bank
of Tanque Verde River.
marked M.C. on S. face
with 2 grooves on E face
from which a Walnut
24 ins. diam, bears $N 5\frac{3}{4}^{\circ} W$
90 lks. dist. marked
T14S. R15E. S 3 MC B.T.

a mesquite 20 ins. diam.
bears $N 47\frac{1}{2}^{\circ} E$. 12 lks. dist.
marked T14S. R15E. S. 2 MC. B.T.

69.25 Road to Tanque Verde, bears E+W.

70.00 Enter dense mesquite

84.90 Intersect N. Bdy of Tp. 1, 73chs.
W. of cor. to secs. 34 and 35
Set a granite stone 18x12x6
ins. 12 ins. in the ground
for closing corner to secs

Subdivisions of T14S, R15E. Continued

chains

2 and 3 marked c.c. on S face with 2 grooves on E and 4 grooves on W faces from which.

a mesquite 12 ins. diam. bears S 37 3/4° E. 74 lks. dist.

marked T14S, R15E, S. 2. BT.

a mesquite 14 ins. diam. bears S 45 1/4° W. 29 lks. dist. marked

T14S, R15E, S. 3. BT.

Land level and rolling
Soil, gravelly 2nd rate

Timber, mesquite, Teota, Palo Verde & Cottonwood.

Land covered with dense undergrowth. 30, 40 chs.

Subdivisions of T14S, R. 15E, continued

chains

From the closing cor. of frac. sec. 15 & 16

N 0° 02' W bet. secs. 15 and 16

over level land

21.70

Set a Granite stone 18x8x6 ins.

12 ins. in the ground for cor.

to secs. 9, 10, 15 and 16

marked with 4 notches on

S. and 3 notches on E. edges

from which

a Palo Verde 6 ins. diam.

bears N 69 $\frac{1}{4}$ ° E 226 lks dist.

marked T14S, R15E, S. 10. BT.

a Palo Verde 6 ins. diam.

bears S 28 $\frac{3}{4}$ ° E. 160 lks dist.

marked T14S, R15E, S. 10. BT.

a Palo Verde 6 ins. diam.

bears S 46 $\frac{3}{4}$ ° W 161 lks dist.

marked T14S, R15E, S. 16. BT.

a mesquite 4 ins. diam. bears

N 67 $\frac{3}{4}$ ° W. 247 lks. dist. marked

Subdivisions of T14S, R15E, continued
chains

✓ T14S, R15E, S.9, B.T.

Land level

Soil gravelly, 2nd rate

Timber, Palo Verde

Undergrowth, Palo Verde
and cholla, greasewood and
giant cacti.

Land covered with dense
undergrowth, 21.70 chs.

S $89^{\circ}47'E$ on a random line
bet. secs. 10 and 15.

over rolling land and
dense Palo Verde.

40.00 Bet temp. $\frac{1}{4}$ sec cor.

79.80 Intersect N & S line 11 lks. S.
of cor to secs. 10, 11, 14 & 15.

Thence I run

N $89^{\circ}52'W$ on a true line

Subdivisions of T14S, R15E. Continued
chains

bet. secs. 10 and 15

6.80 Wash 20 lks. wide, course NW

22.00 Wash 12 lks. wide, course NW.

39.90 Set a Quartzite rock 18x8x8 ins.
12 ins. in the ground for $\frac{1}{4}$
sec. cor. marked $\frac{1}{4}$ S 10 on
N face, 15 on S face.

from which a Palo Verde
10 ins. diam. bears S. 66 lks
dist. marked $\frac{1}{4}$ S 15 B.T.

a Palo Verde 10 ins. diam.
bears N79°W 111 lks dist.
marked $\frac{1}{4}$ S. 10. B.T.

79.80 The cor. to secs. 9, 10, 15 and 16
Land rolling.

Soil gravelly, 3rd rate

Timber, Palo Verde

Undergrowth Palo Verde, cholla
Land covered with dense undergrowth

79.80 chs. July 16, 1900

Subdivisions of T4S, R15E, continued

chains July 17, 1880

N 0° 02' W, bet secs. 9 and 10
over rolling land.

28.70 Wash 12 lks wide, course E.

40.00 Bet a Granite stone 18x10x5 ins
12 ins. in the ground for $\frac{1}{4}$ sec
cor. marked $\frac{1}{4}$ S 9 on W. face,
10 on E face, from which
a Palo Verde 10 ins. diam.
bears E. 86 lks. dist. marked
 $\frac{1}{4}$ S. 10. 13T.

a Palo Verde 5 ins. diam. bears
S 16 $\frac{1}{2}$ ° W, 114 lks. dist. marked
 $\frac{1}{4}$ S 9. 13T.

80.00 Bet a Granite stone 18x12x6 ins
12 ins. in the ground for cor
to secs. 9, 10 and 11 marked
with 5 notches on S. and 3 notches
on E edges, dug pits 18x18x12
ins. in each sec. 5 $\frac{1}{2}$ ft. dist.

Subdivisions of T14S, R15E, continued
chains

and raised a mound of earth
5 ft base 2½ ft high. W. of cor.
Land rolling

Soil, gravelly, 2nd rate

Timber mesquite & Palo Verde.

Undergrowth, mesquite & Palo Verde.

S 89° 52' E on a random line
bet. secs 3 and 10.

40.00 Bet temp. ¼ sec. cor.

79.70 Intersect N and S lines 32 lks S
of cor to secs. 2, 3, 10 and 11
Thence I run

S 89° 54' W. on a true line
bet. secs. 3 and 10.

over rolling land

39.85 Bet a granite stone 18x6x6 ins.
12 ins. in the ground for ¼
sec. cor. marked ¼ S. 3. on

Subdivisions of T14S R15E, continued
chains

N face, S 10 on S face, from
which, a mesquite 8 ins.
diam. bears S 43 $\frac{1}{4}$ ° E, 133 lks
dist. marked 1/4 S 10 B.T.

A mesquite 5 ins. diam. bears
S 38° E, 265 lks. dist. marked
1/4 S 10, B.T.

57.30 Wash 12 lks. wide, course NW

58.70 Wash 20 lks. wide, course N

79.70 The cor. to secs. 3, 4, 9 and 10

Land rolling

Soil, gravelly, 2nd rate

Timber, Palo Verde, & mesquite

Undergrowth, Palo Verde and
greasewood.

N 0° 02' W, bet secs 3 and 4.
Over rolling land through
dense Palo Verde

Subdivisions of T14S, R15E, continued

chains

33.00 old road, bears E and W.

40.00 Set a Granite Stone 18x12x4 ins.
12 ins. in the ground for $\frac{1}{4}$
sec. cor. marked $\frac{1}{4}$ S 4 on W
face, 3 on E face,

from which

a mesquite 6 ins. diam
bears $S 11\frac{1}{4}^{\circ} E$, 85 lks. dist.
marked $\frac{1}{4}$ S, 3, B.T.

a mesquite 3 ins. diam. bears
 $N 56^{\circ} W$, 80 lks. dist. marked
 $\frac{1}{4}$ S, 4, B.T.

58.00 Enter dense Tesota undergrowth
and Valley.

72.18 Road to Tanque Verde bears
E and W.

77.00 Leave dense Tesota.

77.20 Left Bank of Tanque Verde River
Set a Granite Stone 18x8x5 ins.

Subdivisions of T14S, R15E. continued
chains

12 ins. in the ground for
meander cor. to fractional
secs. 3 and 4. marked MC
on N. face. with 3 grooves on
E face from which
an ash 30 ins. diam. bears
S 81 $\frac{3}{4}$ ° E. 96 lks. dist. marked
T14S, R15E, S. 3, MC, B.T.

a mesquite 4 ins. diam. bears
S 26 $\frac{3}{4}$ ° W. 88 lks. dist. marked
T14S, R15E, S. 4, MC, B.T.

81.20 Right Bank of Tanque Verde
River.

Set a granite stone 18x10x6 ins.
12 ins. in the ground for
meander cor. to fractional
secs. 3 and 4. marked MC
on S face. with 3 grooves on
E face. from which

Subdivisions of T14S R15E continued
chains

an ash 10 ins. diam. bears
N77°E 221 lks. dist. marked
T14S. R15E. S.3. MC B.T.

an alder 10 ins. diam. bears
N52½°W, 91 lks. dist. marked
T14S. R15E. S.4. MC. B.T.

84.35. intersect N. Bay. of Tp.
1.37 chs W. of cor. to secs
33 and 34.

Set a Quartzite rock 18x10x6 ins.
12 ins. in the ground for
closing cor. to secs 3 and 4
marked CC on S. with
3 grooves on E & W faces
from which.

a Tapiro 15 ins. diam. bears
S 2½°E, 151 lks. dist. marked
T14S R15E. S.3. B.T.

a mesquite 6 ins. diam.

Subdivisions of T14S. R15E. continued
chains

bears S 67½° W. 175 chs. dist.
marked T14S. R15E. S.A. B.T.
Land rolling and level
Soil gravelly 3rd rate
Timber, some mesquite & Palo Verde
Land covered with dense
undergrowth, 77.00 chs.

N 0° 02' W. bet. secs. 16 and 17
over level land

From the closing cor. to fractional
sections 16 and 17. T14S. R15E
which is stone witnessed and
marked as described by the
Surveyor General.

Thence I run

N 0° 02' W. bet. secs 16 and 17

21.93 Met a Granite stone 18x8x6 ins.
12 ins. in the ground for cor.

Subdivisions of T. 14S. R. 15E continued
chains

To secs. 8, 9, 16 and 17, marked
with 4 notches on S and E
edges, from which
a mesquite 4 ins. diam. bears
S $6\frac{1}{4}^{\circ}$ W. 91 lks. dist. marked
T 14S. R. 15E. S 17. B.T.

a mesquite 6 ins. diam. bears
N $86\frac{3}{4}^{\circ}$ W. 111 lks. dist. marked
T 14S. R 15E S. 8. B.T. dug pits
18x18x12 ins in secs 9 and
16 and raised a mound of
earth $3\frac{1}{2}$ ft base $1\frac{1}{2}$ ft high W
of cor.

Land level

Soil gravelly, 2nd rate
undergrowth, greasewood.

Subdivisions of T14S. R15E. continued
chains

- S $89^{\circ}59'E$ on a random line
bet. secs. 9 and 16.
- 40.00 set Temp. $\frac{1}{4}$ sec. cor.
- 79.72 intersect N and S line 34 lks. S
of cor. to secs. 9, 10, 15 and 16
Thence I run
N $89^{\circ}44'W$ on a true line
bet. secs. 9 and 16
over rolling land
- 21.55 old road, bears N and S
point for $\frac{1}{4}$ sec. cor. comes in wash
- 39.86 Wash 20 lks. wide, course N $10^{\circ}W$
- 40.00 Set a mesquite post 3 ft long
3 ins. sq. 24 ins. in the ground
for Witness Corner to $\frac{1}{4}$ sec. cor.
marked W.C. $\frac{1}{4}$ S. 9. on N face
16 on S face, from which
a Palo Verde 10 ins. diam. bears
S $49\frac{1}{2}^{\circ}E$ 255 lks. dist. marked
W.C. $\frac{1}{4}$ S 16 B.I.

Subdivisions of T14S. R15E. continued
chains

a mesquite 8 ins. diam. bears
N $31\frac{1}{2}^{\circ}$ W. 268 lks. dist. marked
W.C. 1/4 S. 9. B.T.

71.75 Leave mesa and enter Pantano
Valley, course N.

79.72 The cor to secs. 8, 9, 16 and 17
Land rolling

Soil, gravelly, 2nd rate
Timber, mesquite & Palo Verde
Undergrowth, mesquite, Palo-
Verde, greasewood and giant
cacti.

Land covered with dense
undergrowth, 79.72 chs.

July 17, 1900

July 18, 1900 at 7:30^{am} l m t
Inset off $32^{\circ}14'$ on the Lat. arc;
 $21^{\circ}03'N$ on the Decl. arc, and

Subdivisions of T14S. R15E. continued
chains

determine a true meridian
with the solar at the
cor. to secs. 8, 9, 16 and 17.

T14S R15E.

Thence I run

$N0^{\circ}02'W$. bet. secs. 8 and 9.
over level land.

22.50 Leave Pantano Valley bears
NW. and enter mesa and
dense Palo Verde and greasewood.

37.65 Wash 15 lks. wide course SW.

40.00 Set a granite stone $18 \times 8 \times 7$ ins
12 ins. in the ground for $\frac{1}{4}$ sec. cor.
marked $\frac{1}{4} S. 8.$ on W. face.

9 on E face, from which
a Palo Verde 10 ins. diam. bears
 $S34\frac{1}{2}^{\circ}E$. 66 lks. dist. marked

$\frac{1}{4} S. 9. B.T.$

A Palo Verde 6 ins. diam. bears

Subdivisions of T14S. R15E continued.

ains

S $10\frac{3}{4}^{\circ}$ W. 91 lks. dist marked
 $\frac{1}{4}$ S. 8. 13. T.

62.70 Road bears NW and SE.

80.00 Set a Granite stone $18 \times 10 \times 8$ ins.
 12 ins. in the ground for cor
 of secs. 8, 9, 4 and 5, marked
 with 5 notches on S and
 4 notches on E edges.

dug pits $18 \times 18 \times 12$ ins. in each
 section $5\frac{1}{2}$ ft dist. and raised
 a mound of earth 4 ft. base
 2 ft high, W. of cor.

Land rolling and level

Soil gravelly, 2nd rate

Timber, Palo Verde

Undergrowth, greasewood, Palo
 Verde and cholla, and Giant cacti.

Land covered with dense
 undergrowth 57.50 chs.

Subdivisions of T14S R15E continued
chains

- S 89° 44' E on a random line
bet secs. 4 and 9.
- 40.00 Set Temp. $\frac{1}{4}$ sec. cor.
- 79.70 Intersect N and S line 4 lks N
of cor. to secs 3, 4, 9 and 10.
Thence I run
N 89° 42' W, on a true line
bet secs. 4 and 9
over level and rolling land.
- 39.85 Set a granite stone 18x10x6 ins.
12 ins. in the ground for $\frac{1}{4}$ sec
cor. marked $\frac{1}{4}$ S 4 on N face
9. on S face. dug pits 18x18x12"
E & W of cor. 3 ft. dist. and
raised a mound of earth
3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft high N of cor.
- 79.70 The cor. to secs 4, 5, 8 and 9.
Land rolling
Soil, gravelly, 2nd rate.

Subdivisions of T14S. R15E, continued.

chains

Timber Palo Verde

Undergrowth, greasewood.

N 0° 02' W. bet. secs 4 and 5
Over level and rolling land

40.00

Set a granite stone 18x8x6 ins.

12 ins. in the ground for $\frac{1}{4}$ sec

cor. marked 455 on W. face

4 on E face, from which

a mesquite 5 ins. diam. bears

S 84° W. 60 lks. dist. marked

455, B.T.

A mesquite 4 ins. diam. bears

N 34° E. 195 lks. dist. marked

454, B.T.

83.46

Intersect N. Bdy. of Twp.

74 lks. W. of cor to secs. 32 and 33.

Set a granite stone 18x8x7 ins.

12 ins. in the ground for closing

Subdivisions of T14S. R15E. continued
chains.

Cor. to secs. 4 and 5. marked
CC. on S face. with 4 notches on
E and 2 notches on W. edges.
from which
a mesquite 5 ins. diam. bears
S0°45'E. 167 lks. dist. marked
T14S. R15E. S4. 13T.

A mesquite 6 ins. diam. bears
S19½°W. lks dist. marked
T14S. R15E S5. 13T.

Land level and rolling
Soil. gravelly. 2nd & 3rd rate
Timber. a few mesquite
Undergrowth, greasewood.

N0°03'W. bet. sect. 17 and 18
From the ^{Closing} Cor. to fractional sect.
17 and 18. T14S. R15E. which is
a stone, firmly set. as witnessed

Subdivisions of T14S. R15E, continued
chains

and marked as described by
the surveyor General.

Chain

N 0° 03' W bet secs. 17 and 18.

22.38

Set a Granite stone 18x8x6 ins.
12 ins. in the ground for cor-
ner of secs. 7, 8, 17 and 18, marked
with 4 notches on S. and 5
notches on E edges.

from which

a Palo Verde 10 ins. diam bears
N 49½° E. 187 lks. dist. marked
T14S. R15E. S. 8. B.T.

a Palo Verde 8 ins. diam bears
S 73¼° E. 268 lks. dist. marked
T14S. R15E. S. 17. B.T.

a Palo Verde 6 ins. diam. bears
S 40¼° W. 122 lks. dist. marked
T14S. R15E. S. 18. B.T.

Subdivisions of T14S, R15E continued
chains

a. Palo Verde 12 ins. diam. bears
N $79\frac{1}{2}^{\circ}$ W. 122 lks dist. marked
T14S, R15E, S. 7, B.T.

Land level and rolling

Soil gravelly, 2nd & 3rd rate

Timber Palo Verde

Undergrowth, Palo Verde, grasswood.

Land covered with dense
undergrowth, 2238 chs.

S $89^{\circ}48'E$ on a random line
bet. secs. 8 and 17

40.00 Set Temp 4 sec cor.

79.96 Intersect the N and S line.

11 lks S of cor. to secs. 8, 9,
16 and 17.

Thence I run

N $89^{\circ}43'W$ on a true line
between secs. 8-17
over level land, through

Subdivisions of T14S R15E continued
chauss

- 17.00 dense undergrowth ~~between~~
Enter Pantano creek, course
NW.
- 19.75 Leave Pantano creek
- 26.60 Enter Wash, course NW
- 28.10 Leave wash.
- 30.25 Wash 65 lks. wide, course NW.
- 35.00 Leave dense mesquite & Tesota
- 39.98 Get a Granite stone 18x6x6 ins.
12 ins. in the ground for $\frac{1}{4}$ sec
Cor. marked $\frac{1}{4}$ S 8 on N face
17 on S face, from which
a Palo Verde 5 ins. diam. bears
N 43 $\frac{1}{2}$ ° E. 137 lks. dist. marked
 $\frac{1}{4}$ S 8, B.T.
a Palo Verde 8 ins. diam. bears
S 41 $\frac{1}{4}$ ° W. 166 lks. dist. marked
 $\frac{1}{4}$ S 17 B.T.
- 67.00 Leave Pantano Valley and

Subdivisions of T14S R15E continued
chains.

enter mesa

79.96 The cor. to secs. 7, 8, 17 and 18
land level and rolling
Soil, gravelly 2nd & 3rd rate
Timber, some mesquite, *Lesota*
and Palo Verde
Undergrowth, mesquite, *Lesota*
Paloverde and greasewood.
land covered with dense
undergrowth, 79.96 chs

West. bet. secs. 7 and 18
over rolling and level land.

23.40 Wash 30 lbs. wide course NW

30.00 Leave dense Palo Verde

40.00 Get a granite stone 18 x 10 x 6 ins
12 ins. in the ground for $\frac{1}{4}$
sec. cor. marked $\frac{1}{4}$ S 7 on N
face, 18 on S face from which

Subdivisions of T14S. R15E, continued
chains

a mesquite 6 ins. diam. bears
N43°W. 161 lks. dist. marked
1/4 S 7. B.T.

a mesquite 6 ins. diam. bears
S 27°E. 177 lks. dist. marked
1/4 S 18. B.T.

79.32 Intersect W. Bdy. of Tp.
2.62 chs. S of c. c. to secs. 12
and 13. ~~and~~ witnessed ^{and} marked as
~~and~~ described by the Surveyor
General.

Set a Granite stone 18x8x7 ins.
12 ins in the ground for
closing corner to secs. 7 and
18. marked CC. on e face
with 4 notches on S edge
2 notches on N edge.
from which
a mesquite 12 ins. diam.

Subdivisions of T14S, R15E

chains

bears $N 67^{\circ} E$ 66 lks. dist.
 marked T14S, R15E, S. 7, 13, T.
 A mesquite 8 ins. diam. bears
 $S 20\frac{1}{2}^{\circ} E$ 204 lks. dist. marked
 T14S, R15E, S. 17, 13, T.

Land rolling and level
 Soil, gravelly, 2nd & 3rd rate
 Timber, Palo Verde and some
 mesquite

Undergrowth, Palo Verde, & cholla.
 Land covered with dense
 undergrowth, 30,000 cho.

July 18, 1900

July 19, 1900. at 8 am, l.m.
 I set off $32^{\circ} 13'$ on lit. arc:
 $20^{\circ} 52'$ on decl. arc, and determine
 a true meridian with the solar
 at the cor. to secs. 7, 8, 17 & 18.
 Thence I run

Subdivisions of T14S R.15E continued
chains

N 0° 03' W. 1/4 sec. 7 and 8,
over rolling land, through
dense grasswood.

6.30 old road bears N E & S W.

11.00 Enter Palo Verde, bears E and W

40.00 Set a Granite stone, 18 x 5 x 6 ins.
12 ins. in the ground for 1/4
sec. cor. marked 1/4 sec 7
on W. face, & on E face,
from which

a Palo Verde 4 ins. diam.
bears N 29 3/4° E. 51 lks.
dist. marked 1/4 S. 8, B.T.

a Palo Verde, 5 ins. diam.
bears S 25° W. 81 lks. dist.
marked 1/4 S. 7, B.T.

60.15 Road bears E and W.

80.00 Set a Sand stone 18 x 8 x 8 ins.
12 ins. in the ground for

Subdivisions of T14S, R15E, continued
chains

for cor. to secs. 5, 6, 7 and 8
marked with 5 notches on
S and E edges, dug pits
18x18x12 ins. in each sec.
5 1/2 ft dist. and raised a
mound of earth 4 ft base
2 ft high, W. of cor.
land rolling

Soil 2nd & 3rd rate

Timber, a few Palo Verde.
Undergrowth Palo Verde and
grease wood.

Land covered with dense
undergrowth. 80.00 chs.

589° 43' E. bet. secs. 5 and 8
40.00 Bet Temp. 1/4 sec. cor.

79.80 Intersect N and S line 16
lks S of cor to secs. 4, 5, 8

Subdivisions of T14S, R15E continued
chains

and 9.

Thence I run

N $89^{\circ}50'$ W on a true line
bet. secs. 5 and 8.

over level and gently rolling
land, through dense undergrowth but

11.35 old road bears N W & S E

34.25 Leave mesa and enter Pantana
Valley, course N W.

37.00 Wash 15 lks wide, course N W.

39.90 Set a Limestone 18 x 2 x 8 ins.
12 ins. in the ground for $\frac{1}{4}$
sec. cor. marked $\frac{1}{4}$ S 5. on N
face. 8 on S face,
from which

a gano 10 ins diam. bears
S 44° W. 40 lks. dist. marked
 $\frac{1}{4}$ S 8. B.T.

A Tesola 8 ins diam. bears

Subdivisions of T14S, R10E continued
chains

- N 86 $\frac{1}{2}$ ° W. 94 lks. dist. marked
48.5, B.T.
- 52.00 Pantano creek, 180 lks wide
course NW.
- 79.80 The cor. to secs 5, 6, 7 and 8.
Land level and rolling
Soil. gravelly, 2nd & 3rd rate
Timber, Palo Verde & mesquite.
Undergrowth, Palo Verde -
mesquite, greasewood and
giant cacti.
Land covered with dense
undergrowth. 79.80 chs
-
- West bet. secs. 6 and 7.
Through dense greasewood.
9.00 old road
- 28.00 Leave Pantano Valley, course
NW. and dense greasewood

Subdivisions of T14S R15E continued

chains

34.75 Wash 15 lks. wide, course S.W.

40.00 Get a sandstone 18x10x10 ins.
12 ins. in the ground for
1/4 sec. cor. marked 1/4 S. 6
on N face, 7 on S face
from which.

a Palo Verde 10 ins. diam.
bears S 40° E. 237 lks. dist.
marked 1/4 S. 7. 13 T.

a Palo Verde 10 ins. diam.
bears N 81 1/2° E. 138 lks. dist.
marked 1/4 S. 6. 13 T.

79.20 Intersect W. Bdy. of Tp.
2.71 lks. S of cor. to secs 1
and 12, as marked ^{and} witness das
~~and~~ described by the surveyor
general.

Get a Granite Stone 18x10x6 ins.
12 ins. in the ground for

Subdivisions of T. 14S. R. 10E. continued
chains

closing cor. to secs 6
and 7, marked CC on
E. face with 1 notch
on N Edges and 5 notches
on S Edges dug pits 18x18x12
ins. N and S of cor. 3 ft. and
E of cor. 7 ft. and raised
a mound of earth 4 ft
base 2 ft. high. E of cor.
Land level and rolling
Soil sandy and gravelly 2nd 3rd sets
Timber, some Palo Verde

Dense Undergrowth, greasewood 28 chs

N 0° 03' W bet. secs 5 and 6
Through dense greasewood

2.40

old road bears E. and W

34.10

Enter Pantano creek, course
West.

Subdivisions of T14S.R.15E. continued

chains

- 35.35 Leave Pantaud — creek
- 40.00 Set a sand stone 18x10x8 ins.
12 ins. in the ground for $\frac{1}{4}$
sec. cor. marked $\frac{1}{4}$ S 6. on
W face. 5 on E face.
from which
a mesquite 8 ins. diam
bears $S 5\frac{1}{2}^{\circ} E$. 112 lks. dist.
marked $\frac{1}{4}$ S. 5. B.T.
a mesquite 11 ins. diam. bears
 $N 79\frac{1}{4}^{\circ} W$. 183 lks. dist. marked
 $\frac{1}{4}$ S 6. B.T.
- 40.50 Wash 60 lks. wide. course N.W.
- 50.70 Wash 40 lks. wide. course W.
- 54.00 Leave dense greasewood
- 54.35 Leave Pantaud Valley course N.W.
- 68.35 old road bears E and W.
- 83.31 Intersect N. Bay. of Tpo.
69 lks. W. of cor. to secs. 31 and 32

Subdivisions of T14S. R15E continued
chains

Set a Granite stone $18 \times 8 \times 8$ ins
12 ins. in the ground for
closing corner to secs. 5 and 6
marked CC on S face, with
5 notches on E and 1 notch
on W. edges. dug pits $18 \times 18 \times 12$
E & W of cor. 3 ft. and S
of cor. 7 ft. and raised a
mound of earth 4 ft base
2 ft. high S. of cor.
Land rolling and level
Soil sandy & gravelly 2nd & 3rd rate
Timber Palo Verde and mesquite
Undergrowth, greasewood
Land covered with dense
undergrowth. 54.00 cho.

July 19, 1900

Meanders T14S R15E.

meanders of the right bank
of the Tangu Verde River.

I commence at the meander
cor. of frac. secs. 1 and 6
on the E. Bdy. of T14S. R¹⁵16E,
which is a stone, firmly set,
marked and witnessed as
heretofore described.

at this cor. July. 24th 1900.

I set off $32^{\circ}14'$ on the lat arc;
 $19^{\circ}53'$ on the decl. arc. and
at 7^h 40^m I determine a
true meridian with the solar.
Thence I run with meanders
in sec. 1.

Through dense weed and
mesquite undergrowth.

S68°W. 300 chs Bank 3 ft. high.

N84 $\frac{1}{4}$ °W 900 chs

Meanders of T. 4 S. R. 15 E. continued

S 68° W	¹² 2.00 chs.	Bank 3ft high
S 39½° W	3.00 "	
S 70¼° W	10.70 "	
S 80½° W	13.10 "	
S 88½° W	4.00 "	
S 65° W	2.00 "	
S 54¼° W	3.80 "	
S 77° W	5.00 "	
S 83½° W	5.50 "	
S 72° W	5.50 "	
S 61½° W	2.00 "	
S 84½° W	3.00 "	

N 86½° W 3.00 "

N 78¼° W 3.00 "

N 82° W 2.00 "

S 85½° W 3.82 "

to the meander cor. to fract

Meanders of T/4S R/5E. continued

secs. 1 and 2

Land level

Soil. sandy. 2nd rate

Timber, scattering mesquite
and cottonwood.Land covered with dense
undergrowth. 83.42 chs.

Thence in sec 2.

Through dense weed and
mesquite undergrowth.

S 85 $\frac{1}{2}$ ° W	2.20 chs.	Bank 2 ft. high
N 77 $\frac{1}{4}$ ° W	5.70 "	
S 86 $\frac{1}{4}$ ° W	3.20 "	
S 53 $\frac{1}{2}$ ° W	2.20 "	
West	4.10 "	
N 78 $\frac{1}{2}$ ° W	5.00 "	
N 68° W	3.00 "	

Meanders of T/4S. R/5E, continued

N 79 $\frac{1}{4}$ ° W	^{25.40} 4.60 chs.	Banks 2 ft. high
N 83° W	2.50 "	
N 67 $\frac{3}{4}$ ° W	4.00 "	
N 60 $\frac{1}{4}$ ° W	10.50 "	
N 45 $\frac{1}{2}$ ° W.	5.20 "	
N 54 $\frac{1}{2}$ ° W	2.00 "	
N 35 $\frac{1}{2}$ ° W	4.00 "	
N 61° W	7.50 "	
N 77 $\frac{1}{4}$ ° W	2.00 "	
N 59 $\frac{1}{4}$ ° W	5.30 "	
N 36 $\frac{1}{4}$ ° W	4.60 "	
North	3.00 "	
N 51 $\frac{1}{2}$ ° W	4.30 "	
N 42 $\frac{1}{2}$ ° W	5.00 "	
N 60° W	5.70 "	

to the meander cor. to fracl secs 2 and 3.
 2nd and level.

Soil, sandy, 2nd rate

Timber scattering, mesquite, ash & cotton wood,
 Sand covered with dense undergrowth 5.60 chs

July 24, 1900.

Concluded, Book 1798.