5.

SUBDIVISION
& MEANDER LINES
T. 14 S. R. 16 E
(FT. LOWELL MIL. RES.)

CONTRACT No 63
(CONTZEN)
U.S. DEP. SUR.

1799

1799

4–671

FIELD NOTES

GENERAL LAND OFFICE.

1799

1799

printed July — 1917

BOOK 1799

Field Notes
of the survey of the
Subdivision Lines
of
Township 14 South, Range 16 East

(Camp Lowell Military Reservation
— of the —
Salt River Base and Meridian
in the
Territory of Arizona
as surveyed by
Philip Coutzen
U.S. Deputy Surveyor
under his Contract No 63
Dated January 12. 1900

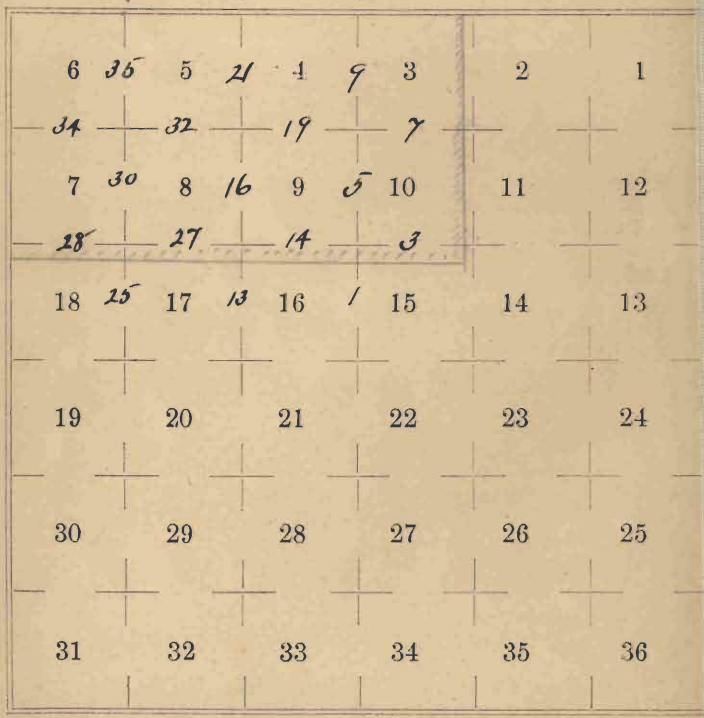
Survey commenced July 20. 1900
Survey completed July 28. 1900

1A

BOOK 1799

(4—674.)

Township 14 S. R. 16 E.



6—389

Meander, 40-53.

BOOK 1799

Subdivisions of T 14 S. R 16 E

chains

July 20. 1900. At 7.h 00.m a.m. I mt.
I set off 32° 13' on the Lat. arc
20° 41' N on the decl. arc. and
determine a true meridian
with the solar at the
closing cor. to fractional
secs. 15 and 16. which is
a stone witnessed and marked
as described by the surveyor
general.
Thence I run
N 0° 02' W. bet secs 15 and 16

20.70 Set a Granite stone 18 x 16 x 10
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 mesquite 10 ins. diam. bears

BOOK 1799

Subdivisions of T 14 S. R 16 E. continued

chains	
	N 75½° E. 55 lks. dist. marked
	T 14 S. R 16 E. S. 10. B.T.
	a mesquite 6 ins. diam. bears
	S 4° E. 55 lks. dist. marked
	T 14 S. R 16 E. S. 15. B.T.
	a mesquite 6 ins. diam. bears
	S 38¼° W. 133 lks. dist. marked
	T 14 S. R 16 E. S. 16 B.T.
	a mesquite 6 ins. diam. bears
	N 19° W. 68 lks. dist. marked
	T 14 S. R 16 E. S. 9. B.T.
	Land rolling
	Soil, gravelly 3rd rate
	Timber, Palo Verde & mesquite
	Undergrowth, Palo Verde and mesquite
	giant cacti.
	Land covered with dense
	undergrowth 20.70 chs

BOOK 1799

Subdivisions of T 14 S. R 16 E. continued

chains	
	East on a random line
	bet. secs. 10 and 15
40.00	Set temp 1/4 sec. cor.
79.00	Intersect E. Bdy. of Camp
	Rowell military Reservation
	at closing corner to secs. 10
	and 15. which is a stone firmly
	set. witnessed and marked as
	described by the surveyor General.
	Thence I run
	West. on a true line
	bet. secs. 10 and 15.
	over mountainous land.
20.00	Leave mountainous land and
	enter rolling land
39.00	Set a Granite stone. 18 x 8 x 6 ins
	12 ins. in the ground for 1/4 sec.
	cor. marked 1/4 sec. 10. on N
	face. 15 on S face. from which

BOOK 1799

Subdivisions of T 14 S. R 16 E. continued.

chains	
	a mesquite 8 ins. diam. bears N 27¼° W. 18 lks. dist. marked ¼ S. 10, 13. T.
	a mesquite 12 ins. diam. bears S 17° E. 58 lks. dist. marked ¼ S 15 13. T.
39.50	Enter alamo wash, course N W.
46.50	Leave alamo wash course N W
48.40	Reenter alamo wash,
53.00	Leave alamo wash
60.60	Wash 60 lks. wide, course N W.
65.35	old road bears N E and S W
79.00	The cor. to secs. 9, 10, 15 and 16 Land Mountainous and rolling. Soil. gravelly 3rd rate Timber. Palo Verde, and mesquite Undergrowth. greasewood and mesquite Land covered with dense undergrowth and Mountainous. 79.00 chs

BOOK 1799

Subdivisions of T14S. R16E continued

chains	
	N 0°02'W. bet. secs. 9 and 10. over rolling and level land
2.00	Enter draw, course W
4.60	Wash 15 lks. wide, course W
21.00	Edge of draw
22.80	old road bears E and W.
40.00	Set a Granite stone 18x10x6 ins. 12 ins. in the ground for 1/4 sec. cor. marked 1/4 S. 9. on on N. face 10 on E face. from which a mesquite 15 ins. diam. bears S 13°W. 59 lks dist. marked 1/4 S. 9. B.T. a mesquite 12 ins. diam. bears E. 2½ lks. dist. marked 1/4 S 10. B.T.
40.50	Enter small valley
46.80	Leave small valley

Subdivisions of T 14S. R 16E. continued

chains	
56.00	Enter same valley
61.67	old road bears NE and SW.
64.25	Wash 8 lks. wide, course NW.
65.00	Leave Valley, course NW. and enter mesa
78.00	Enter Tanque Verde Valley, course westerly
79.45	Brush fence. bears E & W.
80.00	Set a Granite Stone 18 x 10 x 10 ins. 12 ins. in the ground for cor. to secs. 3. 4. 9 and 10. marked with 5 notches on S and 3 notches on E edges. from which. a mesquite 12 ins. diam. bears N 56 3/4° E. 153 lks. dist. marked T 14S. R 16 E. S. 3. B.T. a mesquite 8 ins in diam. bears S 63 1/4° E. 101 lks. dist. marked

BOOK 1799

Subdivisions of T14S. R16E. continued

chains	
	T14S. R16E. S10 B.T.
	a mesquite 8 ins. diam. bears
	S47°W. 112 lks. dist. marked
	T14S. R16E. S9. B.T.
	a mesquite 12 ins. diam. bears
	N80°W. 254 lks. dist. marked
	T14S. R16E. S4. B.T.
	Land rolling and level
	Soil, gravelly, 2nd & 3rd rate
	Timber Palo Verde and mesquite
	Undergrowth mesquite, Palo Verde
	and giant cactc.
	East on a random line
	bet. secs. 3 and 10.
40.00	set temp. 1/4 sec cor.
79.00	Intersect E. Bdy. of Camp
	Lowell Military Reservation
	at closing corner to fractional

BOOK 1799

Subdivisions of T 14 S. R 16 E. continued.

Chains	
	secs. 3 and 10. which is a stone. firmly set. marked and witnessed as described by the surveyor General. Thence. 2 run West on a true line bet. secs. 3 and 10 over rolling mesa
29.00	Enter Valley. course N W
39.00	Set a Granite Stone 18 x 12 x 8 ins. 12 ins. in the ground for 1/4 sec. cor. marked 1/4 S. 3. on N face 10 on S. face. from which a mesquite 14 ins. diam. bears N 29 1/4° E. 53 lks. dist. marked 1/4 S. 3. B.T. a mesquite 10 ins. diam. bears S 37 3/4° E. 189 lks. dist. marked 1/4 S. 10. B.T.

BOOK 1799

Subdivisions of T14S. R16E. continued

chains	
46.50	Leave Valley course N W.
56.00	Enter main Valley
60.92	old Brush fence bears N & S and enter high mesquite
68.50	Leave high mesquite, bears N & S
77.00	House of San Juan de la Cruz bears N. 23 lks. dist.
79.00	The cor. to secs. 3. 4. 9 and 10. Land rolling and level Soil sandy & gravelly. 2nd rate Timber, mesquite and Palo Verde. Undergrowth, mesquite Palo Verde & cacti. Land covered with dense undergrowth 68.50 chs.

N 0°02' W. on a random line bet. secs. 3 and 4.

40.00 Set temp. 1/4 sec. cor.

Sub-divisions of T 14 S. R 16 E. continued

Chains	
85.87	Intersect N. Bdy. of Tp. 20 lks W of Cor to secs. 33 and 34 as heretofore described.
	Thence I run S 0°07' W. on a True line bet. secs. 3 and 4.
	Through mesquite
8.00	old corral 150 lks. E.
45.87	Set a Quartzite rock 18x16x10 ins. 12 ins. in the ground for 1/4 sec cor. marked 1/4 S 4 on W. face 3 on E face. from which a mesquite 7 ins. diam. bears S 36¼° E. 69 lks. dist. marked 1/4 S. 3. B.T.
	a mesquite 7 ins. diam. bears S 48½° W. 33 lks dist. marked 1/4 S. 4. B.T.
63.00	road bears East & West
74.57	Ditch. course W.

BOOK 1799

Subdivisions of T 14 S. R 16 E continued

chains	
74.87	Right Bank of Tanque Verde River Set a Granite stone 18x10x8 ins 12 ins. in the ground for Meander Cor. to fractional sections 3 and 4, marked MC. on S. face, with 3 notches on E. edge. from which a mesquite 10 ins diam. bears N 45½° E. 150 lks. dist. marked T 14 S. R 16 E. S. 3, MC. B.T. a mesquite 6 ins. diam. bears N 8½° W. 98 lks dist., marked T 14 S. R 16 E, S 4, MC. B.T.
75.00	Ditch; and leave dense mesquite
75.07	Enter Tanque Verde River, course West
76.47	Leave Tanque Verde River, course W
78.37	Left Bank Tanque Verde River Set a Granite stone 18x10x6 ins

Subdivisions of T 14 S R 16 E. continued

Chains

12 ins. in the ground for
Meander Cor. to fractional secs.
3 and 4, marked M C. on N face
with 3 notches on E edge. dug
pit 36x36x12 ins S of cor 8 ft.
and raised a mound of earth
4 ft base 2 ft high S of cor.

79.08 Brush fence, bears E & W

79.32 Ditch, course W.

85.87 The Cor. to secs. 3, 4, 9 and 10

Land Level
Soil sandy 2nd rate
Timber mesquite and cottonwood
Undergrowth, mesquite, cottonwood
and a few giant cacti.
Land covered with dense
undergrowth. 75.00 chs.

July 20, 1900

BOOK 1799

Subdivisions of T 14 S. R 16 E continued

Chains	
	July 21. 1900. at 7h 30m a.m. L.M.T. I set off 32°13' on the Lat. arc; 20°30' W on decl. arc: and determine a true meridian with the solar at the closing cor. to secs. 16 and 17. T 14 S. R 16 E. which is a stone. firmly set. marked and witnessed as described by the surveyor general. Thence I run
	N 0°02' W. bet. secs. 16 and 17 over rolling land.
20.87	Set a Granite stone. 18x12x12 ins. 12 ins. in the ground for cor. to secs. 8. 9. 16 and 17. marked with 4 notches on S and E edges. from which a mesquite 5 ins. diam. bears N 10¾° E. 70 lks. dist. marked

BOOK 1799

Subdivisions of T 14 S. R 16 E. continued.

chains

T. 14 S. R 16 E. S. 9. B.T.
a mesquite 8 ins. diam. bears
S 79¼° E. 95 lks. dist. marked
T 14 S. R 16 E. S 16. B.T.
a mesquite 5 ins. diam. bears
S 11¾° W. 146 lks. dist. marked
T 14 S. R 16 E. S. 17. B.T.
a Palo Verde 12 ins. diam. bears
N 32¼° W. 21½ lks dist. marked
T 14 S. R 16 E. S. 8. B.T.
Land rolling
Soil. gravelly. 2nd rate
Timber Palo Verde
Undergrowth, Palo Verde and
Giant Cacti.

East on a random line
bet. secs. 9 and 16.
40.00 Set Temp. ¼ sec. cor

BOOK 1799

Subdivisions of T14S. R16E. continued

chains	
79.90	Intersect N and S line at cor. to secs. 9, 10, 15 and 16. Thence I run West on a true line bet secs 9 and 16.
0.40	Enter draw
1.40	Wash 60 lks. wide, course S.W.
4.00	Leave draw
12.40	Ridge bears S.
20.00	Knoll bears S. chs. dist.
23.00	old road bears N and S.
29.75	Wash 20 lks. wide course N.W.
39.10	Wash 15 lks. wide, course N.W.
39.95	Set a Granite stone 20x12x10 ins. 12 ins. in the ground for 1/4 sec. Cor. marked 1/4 S. 9. on N face, 16 on S face, from which a mesquite 10 ins. diam. bears N70°E 146½ lks. dist.

BOOK 1799

Subdivisions of T 14 S. R 16 E. continued

Chains	
	marked 1/4 S. 9. 13. T.
	a mesquite 16 ins. diam. bears
	S 30 1/4° E. 180 lks. dist. marked
	1/4 S 16 13. T.
57.60	old road bears NW and SE.
58.90	Enter Valley, bears N
66.56	Wash 40 lks. wide, course NW.
68.55	old road bears N and S.
72.60	Leave Valley, bears N.
79.90	The cor. to secs. 8, 9, 16 and 17.
	Land rolling.
	Soil, gravelly, 3rd rate.
	Timber Palo Verde
	Land covered with dense
	undergrowth 79.90 chs.

	N 0° 02' W. bet. secs 8 and 9.
	over rolling land
40.00	Set a Granite stone 18 x 8 x 8 ins.

BOOK 1799

Subdivisions of T14S. R16E. continued

Chains	
	12 ins. in the ground for 1/4 sec cor. marked 1/4 S.S. on W face. 9 on E face from which. A mesquite 5 ins. diam. bears S 49° E. 98 lks. dist. marked 1/4 S. 9. B.T. A mesquite 6 ins. diam. bears S 28° W. 105 lks dist. marked 1/4 S.S. B.T.
41.00	Leave mesa
44.67	Enter Wash, course NW
45.75	Leave wash, course NW
50.00	Leave dense Paloverde and greasewood and enter scalleniq timber
57.20	Road bears NW and SE
56.20	old road bears E and W
56.42	SW cor. of pasture

Subdivisions of T14S. R16E. continued

Chains	
80.00	Set a Granite stone 18x8x8 ins. 12 ins. in the ground for cor. to secs. 4, 5, 8 and 9, marked with 5 notches on S. and 4 notches on E. edges. from which a mesquite 7 ins. diam. bears N 70° E. 97 lks. dist. marked T14S. R16E. S. 4. B.T. a mesquite 14 ins. diam. bears S 7° E 134 lks. dist. marked T14S. R16E. S. 9 B.T. a mesquite 14 ins. diam. bears S 13° W. 87 lks. dist. marked T14S. R16E. S. 5. B.T. a mesquite 8 ins. diam. bears N 29¼° W. 81 lks. dist. marked T14S. R16E. S 5. B.T. Land rolling.

BOOK 1799

Subdivisions of T 14S. R 16E. continued

chains	
	Soil, gravelly, 3rd rate
	Timber, Mesquite and Palo Verde.
	Undergrowth Palo Verde.
	Land covered with dense
	undergrowth. 50.00 chs.
	East on a random line
	bet secs. 4 and 9.
40.00	Set Temp. 1/4 sec. cor.
80.00	Intersect N and S line at cor.
	to secs. 3, 4, 9 and 10
	Thence S run
	West on a true line
	bet. secs. 4 and 9.
	over level land
1.90	Brush fence bears N W esterly
	and S. Easterly
2.60	old road bears N W and S E
3.20	Enter Wash, course N W

BOOK 1799

Subdivisions of T14S, R16E. Continued.

Chains	
4.30	Leave Wash, course N W.
7.75	Wire fence bears N 70° W and S 70° E and enter dense mesquite timber and undergrowth
28.00	old road bears N W and S E
36.00	P. Villas ——— Ranch 6 chs. N.
36.60	old road bears N and S
37.00	Adobe House 6 chs. N.
40.00	Set a Granite stone 18 x 8 x 7 ins. 12 ins. in the ground for 1/4 sec. cor. marked 1/4 S 4 on N face, 9 on S face, from which a mesquite 8 ins. diam. bears N 16° E 126 lks dist. marked 1/4 S. 4. B.T. a mesquite 8 ins. diam. bears S 66½° W. 50 lks. dist. marked 1/4 S. 9. B.T.
79.60	Wire fence bears N. N Westerly and S, S Easterly, and leave dense undergrowth

BOOK 1799

Subdivisions of T14S. R16E. continued

chains	
80.00	The cor. to secs. 4, 5, 8 and 9.
	Land level
	Soil gravelly. 2nd rate
	Timber. mesquite and Tesota
	Undergrowth mesquite and Tesota
	Land covered with dense
	undergrowth 71.85 chs.
	N 0°02' W. bet. secs. 4 and 5
	on a random line.
40.00	Set temp. 1/4 sec. cor.
85.65	Intersect N. Bdy. of Tp. at
	cor. to secs. 4, 5, 32 and 33. as
	heretofore described.
	Thence I run
	S 0°02' E. on a true line
	bet. secs. 4 and 5
	over rolling land. and under
	Paloverde and giant cacti

BOOK 1799

Subdivisions of T 14 S. R 16 E. continued

chains	
0.57	Wash 20 lks. wide course S W.
3.53	old road bears E & W.
20.00	Leave Palo Verde and giant cacti
20.65	Enter Valley course W.
43.89	Road from Tanque Verde to Tucson bears E and W.
44.56	old road bears N. and S E. and enter dense mesquite undergrowth.
45.65	Set a Granite stone 18 x 12 x 10 ins. 12 ins. in the ground for 1/4 sec. Cor. marked 1/4 S 5 on N. face 4 on E face, from which a mesquite 12 ins. diam. bears N 22½° E. 58 lks. dist. marked 1/4 S. 4 B.T. a mesquite 18 ins diam. bears S 38½° W. 21 lks. dist. marked 1/4 S. 5. B.T.

BOOK 1799

Subdivisions of T14S. R16E. continued

chains	
53.83	Ditch, course W.
55.60	Ditch, course W. and leave mesquite
56.15	Right Bank of Tanque Verde River
	Set a Sandstone 18x10x6 ins. 12 ins in the ground for meander corner to fractional sections. 4 and 5. Marked M.C. on S. face. with 4 notches on E edge. from which an alder 12 ins. diam. bears N 28° E. 45 lks. dist. marked T14S. R16E. S.4. M.C. B.T. a mesquite 16 ins. diam. bears N 59¼° W. 152 lks. dist. marked T14S. R16E. S.5. M.C. B.T.
56.35	Enter channel Tanque Verde River course W.
63.55	Left Bank of Tanque Verde River course W.
	Set a Sandstone 18x8x6 ins

BOOK 1799

Subdivisions of T 14 S. R 16 E. continued

Chains	
	12 ins. in the ground for meander corner to fractional sections 4 and 5. marked M C. on N face. with 4 notches on E edge from which.
	a mesquite 14 ins. diam. bears S 15½° E. 19 lks dist. marked T 14 S. R 16 E S 4. M C B T.
	a mesquite 36 ins. diam. bears S 37¾° W. 28 lks dist. marked T 14 S. R 16 E. S. 5. M C. B T.
64.65	Ditch, course N. and enter dense mesquite undergrowth
68.38	old road bears NE and SW.
80.00	Leave dense mesquite.
85.65	The cor. to secs. 4. 5. 8 and 9. Land level and rolling Soil. sandy and gravelly. 1st 2nd and 3rd rate.

BOOK 1799

BOOK 1799

Subdivisions of T14S. R16E. continued

chains

Timber. mesquite and Palo Verde.
Undergrowth. mesquite
Land covered with dense
undergrowth. 4639 chs.

N 0°03'W. bet. secs. 17 and 18.
over rolling land.
From the closing cor. to fractional
secs. 17 and 18. T14S. R16E. which
is a stone. firmly set. marked
and witnessed as described by
the surveyor General. I run
N 0°03'W. bet secs 17 and 18.
20.84 Set a Granite stone 18x10x8 ins.
12 ins. in the ground for cor to
secs. 7. 8. 17 and 18. marked
with + notches on S. and 5
notches on E edges. from
which.

BOOK 1799

Subdivisions of T 14 S. R 16 E continued

chains

a Palo Verde 5 ins. diam. bears
N 18¼° E 100 lks dist. marked
T 14 S R 16 E. S 8. B.T.
a mesquite 15 ins. diam. bears
S 5-½° E. 33 lks dist. marked
T 14 S. R 16 E. S 17 B.T.
a mesquite 4 ins. diam. bears
S 88° W. 10 lks. dist. marked
T 14 S. R 16 E. S. 18. B.T.
a mesquite 10 ins. diam. bears
N 61° W. 135 lks dist. marked
T 14 S. R 16 E. S. 7. B.T.
Land rolling.
Soil gravelly. 3rd rate.
Timber. Palo Verde
Undergrowth. Palo Verde.
Land covered with dense
Palo Verde. 20.84 chs.

BOOK 1799

Subdivisions of T 14 S. R 16 E. continued

chains	
	East on a random line
	bet. secs. 8 and 17
40.00	Set temp. 1/4 sec. cor.
79.92	Intersect N and S line at cor.
	to secs 8, 9, 16 and 17.
	Thence I run
	West on a true line
	bet secs. 8 and 17
	over rolling land.
39.96	Set a Granite stone 18 x 8 x 6 ins.
	12 ins. in the ground for 1/4 sec.
	cor. marked 1/4 S 8 on N face
	17 on S face, from which
	a Palo Verde 10" diam. bears
	N 61 1/2° W. 103 lks. dist. marked
	1/4 S. 8. B.T.
	A mesquite 5 ins. diam. bears
	S 73 1/4° E 159 lks. dist. marked
	1/4 S 17. B.T.

BOOK 1799

Subdivisions of T 14 S. R 16 E. continued

chains	
79.92	The cor. to secs. 7, 8, 17 and 18.
	Land rolling.
	Soil gravelly, 2nd & 3rd rate.
	Timber, some Palo Verde.
	Undergrowth Palo Verde, Nopal,
	Challa, and Giant cacti.
	Land covered with dense
	undergrowth. 79.92 chs.
	July 21, 1900.

	West on a random line
	bet. secs. 7 and 18.
40.00	Set Temp. 1/4 sec. cor.
81.90	Intersect N. Bdy. of Tp.
	abt cor. to secs. 7, 12, 13 and 18
	Thence I run
	East on a true line.
	bet. secs. 7 and 18.
	over rolling land.

BOOK 1799

Subdivisions of T4S. R16E. continued

Chains	
41.90	Set a Granite stone 18x10x6 ins. 12 ins. in the ground for 1/4 sec. cor. marked 1/4 S.T. on N face, 18 on S face, from which a Palo Verde 12 ins. diam. bears N44° W. 16 lks. dist. marked 1/4 S. 7. B.T. a Palo Verde 12 ins. diam. bears S77° W. 21 lks. dist. marked 1/4 S. 18. B.T. old road bears N and S.
81.90	The cor. to secs. 7, 8, 17 and 18. Land rolling Soil, gravelly, 2nd and 3rd rate Timber, Palo Verde. Undergrowth Palo Verde, Challa and Giant cacti. Land covered with dense undergrowth. 81.90 chs

Subdivisions of T14S. R16E. continued.

chains

July 23. 1900. at 7h 30m a.m. l.m.t.
I set off 22° 13' on the Sol. arc;
20°06' W on the Decl. arc. and
determine a true meridian
with the solar at the
Cor. to secs. 7. 8. 17 and 18
as heretofore described.
Thence I run
N 0°03' W. bet. secs. 7 and 8
over rolling land
10.15 Wash 100 lks. wide, course NW.
40.00 Set a Limestone 18x10x10 ins.
12 ins. in the ground for
1/4 sec. cor. marked 1/4 S. 7 on
W. face. 8 on E face.
from which
a Palo Verde 12 ins. in diam.
bears S 44 1/4° E. 78 lks. dist.
marked 1/4 S. 8. 13. T.

BOOK 1799

Subdivisions of T 14 S. R 16 E. continued

chains.	
	a Palo Verde 14 ins. diam. bears S 57½° W. 27 lks. dist. marked ¼ S. 7. 13. T.
60.00	Enter greasewood.
80.00	Set a Limestone 18 x 5. x 8 ins. 12 ins. in the ground for cor. of secs. 5. 6. 7 and 8. marked with 5 notches on E and S edges. from which. a mesquite 5 ins. diam. bears N 66¾° E. 122 lks. dist. marked T 14 S. R 16 E. S. 5. 13. T. a Palo Verde 6 ins. diam. bears S 17¾° E. 219 lks. dist. marked T. 14 S. R 16 E. S. 8. 13. T. a mesquite 5 ins. diam. bears S 62½° W. 79 lks. dist. marked T 14 S. R 16 E. S. 7. 13. T. a mesquite 6 ins. diam. bears

Subdivisions of T 14 S. R 16 E. continued

Chains.	
	N 79¾° W. 112 chs. dist. marked T 14 S. R 16 E. S. 6. 13. T. Land rolling. Soil gravelly, 3rd rate. Timber, a few Palo Verde, Undergrowth, Palo Verde and greasewood. Land covered with dense undergrowth, 80.00 chs.
	East on a random line bet. secs. 5 and 8.
40.00	Set temp. ¼ sec. cor.
80.00	Intersect N and S line at cor. to secs. 4. 5. 8 and 9
	Thence I run West on a true line bet. secs. 5 and 8. over rolling and level land

BOOK 1799

Subdivisions of T 14 S. R 16 E. continued

chains	
5.76	Road bears NW and SE
21.92	old road bears NW and SE.
40.00	Set a Granite Stone 18x8x6 ins. 12 ins. in the ground for 1/4 sec. cor. marked 1/4 S. 5. on N face. 8 on S face. from which, a Palo Verde 12 ins. diam. bears S 42½° E. 100 lks. dist. marked 1/4 S. 8. B.T. a Palo verde 12 ins. diam. bears N 17¼° W. 62 lks. dist. marked 1/4 S. 5. B.T.
44.00	Leave level land and enter mesa
46.25	Enter flat.
60.00	Leave flat
60.66	old road
69.10	Wash 27 lks. wide, course N
80.00	The cor. to secs. 5. 6. 7 and 8

BOOK 1799

Chains	
	Land rolling Soil gravelly. 3rd rate Timber, Palo Verde
	West on a random line bet secs. 6 and 7
40.00	Set temp. 1/4 sec. cor.
81.80	Intersect N. Bdy of Tp. at cor. to secs. 1, 6, 7 and 12 which is a stone, marked and witnessed as heretofore described.
	Thence I run East on a true line bet. secs. 6. and 7.
41.80	Set a Granite stone 26 x 14 x 10 ins. 12 ins. in the ground for 1/4 sec. cor. marked 1/4 S. 6 on N face, 7 on S face

BOOK 1799

Subdivisions of T 14 S. R 16 E. continued

chains

from which
a mesquite 8 ins. diam. bears
N 82 3/4° E. 154 lks. dist. marked
1/4 S. 6. 13 T.
a Palo Verde 7 ins. diam. bears
S 62 1/4° W. 90 lks. dist. marked
1/4 S. 7. 13 T.

81.80 The cor. to secs. 5, 6, 7 and 8.
Land level
Soil gravelly 3rd rate
Timber Palo Verde.
Undergrowth Palo Verde,
greasewood and cholla.
Land covered with dense
undergrowth. 81.80 chs.

N 0° 03' W. on a random line
bet secs. 5 and 6.

40.00 Set Temp. 1/4 sec. cor.

BOOK 1799

Subdivisions of T 14S. R 16E. continued.

chains	
86.57	Intersect N. Bdy. of Zp. 48 chs. W of cor. to secs 5. 6. 31 and 32
	Thence I run S 0° 18' W. on a true line bet. secs. 5 and 6. descending
5.27	Road bears E and W; enter Valley, course N.
15.50	Guadalupe Campas House bears 8 chs W.
19.17	Road bears NE and SW
19.80	Road bears S 85° W
24.57	Ditch, course W
25.22	Enter draw, course N
26.92	Road bears N 85° W
27.40	Leave Road bears N 85° W
32.92	old Road bears N and S
34.00	Leave dense mesquite
36.60	adobe House bears W. 7 chs.

BOOK 1799

Subdivisions T14S, R16E continued

Chains	
37.22	Road bears E and W.
40.95	Road bears E and W.
44.57	Set a Lime stone 18x12x12 ins. 12 ins. in the ground for Witness Cor. to 1/4 sec. Cor. marked WC. 1/4 S.6. on W. face. 5 on E face. from which, a mesquite 8 ins. diam. bears S45°E. 21 lks. dist. marked WC. 1/4 S. 5. B.T. a Cottonwood 3 ins. diam. bears S30°W. 141 lks. dist. marked WC. 1/4 S. 6. B.T.
44.77	Right Bank of Tanque Verde River. Set a Granite stone 18x8x7 ins. 12 ins in the ground for meander Cor. to fractional secs 5 and 6, marked MC. on S. face with 5 notches on E edge

BOOK 1799

Sub-divisions. T 14 S, R 16 E. continued

chains	
	dug pit 36x36x12 ins. 8. ft N of cor. and raised a mound of earth 4 ft base 2 ft. high N of cor.
45.57	The point for 1/4 sec. cor. falls in Tanque Verde River
48.10	Leave Tanque Verde River, course W.
48.33	Brush fence bears E & W.
48.37	Left Bank of Tanque Verde River Set a Granite stone 20x7x6 ins. 15 ins. in the ground for Meander corner to fractional secs. 5 and 6. marked M.C. on N face with 5 notches on E edge from which a cottonwood 18 ins. diam. bears S 2° E. 197 lks. dist marked T 14 S, R 16 E. S. 5. M.C. B.T. an alder 12 ins. diam. bears

BOOK 1799

Subdivisions of T14S. R16E. concluded

chains	
	S 35° W. 177 chs. dist. marked
	T14S. R16E. S.6. M.C. B.T.
50.15	Brush fence bears E & W
50.77	Ditch, course W.
55.57	Brush fence bears E & W
56.27	Enter Wash, course N E.
56.60	House 2.50 chs. W.
57.80	Road bears NE and SW
58.47	Leave Wash
58.60	Oury House 3 chs. W
60.00	Leave Valley, course W
85.57	The cor. to secs. 5. 6. 7 and 8
	Land level and rolling
	Soil gravelly 2nd & 3rd rate
	Timber, mesquite Zesota Palo Verde
	and cottonwood.
	Undergrowth, mesquite, Zesota & Palo Verde
	Land covered with dense
	undergrowth. 54.30 chs.

BOOK 1799

Meanders Tp 14 S. R 16 E.

Meanders of the right bank of Tanque Verde River down stream.

July 27. 1900. Before commencing meanders of Tanque Verde River through Township 14 S. R. 16 E. I proceed to the 17 Mile cor. on East Bdy. of Camp Lowell military Reservation which is a stone firmly set marked and witnessed as described by the surveyor general.

Thence I run

N. from 17 Mile cor.
55.00 Left Bank Tanque Verde River.
50.50 Set a Granite stone 18 x 10 x 6 ins. 12 ins. in the ground for meander cor. on E. Bdy. of Camp Lowell military Reservation. marked M.C. on N. face. M.R. on W. face

BOOK 1799

Meanders. T14S. R16E. continued

from which
a cottonwood 15 ins. diam.
bears S 37¾° E. 21 lks. dist.
marked T14S. R16E. S.3. MC. B.T.
a mesquite 10 ins. diam. bears
S 16¼° W. 7 lks. dist. marked
T14S. R16E. S.3. MC. B.T.

4
63.90 Right Bank Tanque Verde River
Set a Granite stone 18x10x6 ins.
12 ins. in the ground for
meander corner on East
Boundary of Camp Lowell
Military Reservation. marked
MC. on S face. MR. on W. face.
dug pit 36x36x12 ins N of cor.
8 ft. and raised a mound of
earth 4 ft base 2 ft high N of
cor.

Meanders. T 14 S., R 16 E. continued

July 27, 1900. I commence at meander cor. on E. B'dy. of Camp Lowell military Reservation 63.90 chs. N of 17 Mile cor. on Right Bank of Tanque Verde River which is a stone marked and witnessed as heretofore described.

At this cor., July 27, 1900, I set ~~8h 30m~~ a.m. 8h 30m l. mt Aff 32° 14' on the Lat. arc. 19° 14' N. on the decl. arc; and ~~at~~ ~~on l. mt.~~ determine a true meridian with the solar Thence I run with meanders in sec. 3.

S 27½° W. 4.90 chs. Bank 5' high
N 87¾° W 13.80 "
N 30½° W. 4.00 "
N 69° W 2.60 "

Enter dense mesquite underbrush

BOOK 1799

Meanders T 14 S. R 16 E. continued

N 85 1/2° W. 15.50 chs

S 55 1/2° W 3.30 "

S 77° W 3.50 "

S 48 3/4° W 2.10 "

S 25 1/2° W 2.80 "

S 14 3/4° W 15.00

Leave dense mesquite

S 4° W 5.00 chs.

S 11 1/4° W 4.00

Enter dense mesquite and weeds, undergrowth,

S 58° W 4.70 chs

S 68 3/4 W 5.40 "

N 83 1/4° W 12.50 "

S 69 1/2° W 8.12 " to the meander

Cor. of fractional secs. 3 and 4.

Land

Sail.

Timber, scattering mesquite

Land covered with dense undergrowth

107.22 chs.

BOOK 1799

Meanders T 14 S. R 16 E. continued

Thence in Sec 4.

Through dense weed and mesquite undergrowth.

S 70° W. 4.00 chs. Bank 3 ft. high

S 66½° W. 10.00 "

N 51° W. 4.10 "

N 79¼° W. 4.10 "

N 27° W. 4.00 "

N 49° W. 12.20 " at 7.70 Road

S 88¾° W. 10.00 "

N 85° W. 6.80 "

N 63° W. 5.00 "

N 56¼° W 4.00 "

N 83¼° W 3.50 "

N 76° W 4.50 "

S 77½° W 2.00 "

S 75½° W 6.00 "

N 64° W 9.70 " to the meander cor. of fractional secs. 4 and 5

BOOK 1799

Meanders of T 14 S. R 16 E. continued

Land,
Soil.
Timber, some scattering mesquite
Land covered with dense
undergrowth. 89.90 chs.

Thence in Sec. 5
Through dense weeds and
mesquite undergrowth.

Right Bank

N 79° W. 4.10 chs. Bank 3 ft. high.
N 62° W 3.00 "
N 74° W. 9.90 "
S 85½° W 2.60 "
S 69¼° W 3.20 "
S 42½° W 4.00
S 88½° W 3.00 "
S 87¼° W 17.40 " Bank 7 ft. high
S 81¼° W 7.50 "
N 69½° W. 9.50 "

64.20

BOOK 1799

Meanders of T. 4 S. R. 16 E. continued.

S 85½° W 3.70 chs.

N 76° W 5.00 "

N 59½° W 12.20 "

to the meander

cor. of fracl. secs. 5 and 6.

Land

Vail

Timber, scattering mesquite

and cottonwood

Land covered with dense

undergrowth 85.10 chs

July 27, 1900.

Thence in sec. 6, 7 h. 40 m. a. m. mt.

July 28, 1900, at the meander

cor. of fracl secs. 5 and 6 I

set off 32° 14' on Lat arc;

19° 0' N on Decl arc, and determine

a true meridian with the solar

Thence I run with meanders

BOOK 1799

Meanders, T 14 S. R 16 E. continued

in sec. 6

Through dense weeds and mesquite undergrowth.

Right Bank

N 62½° W. 2.00 chs. Bank 2 ft. high

N 56½° W. 5.00 chs.

N 37° W. 2.50 chs.

N 56° W. 8.50 "

N 67° W 3.00 "

S 77½° W 1.00 "

N 63¾° W 5.00 "

S 84½° W 3.50 "

N 69° W 4.20 "

N 86¼° W 8.90 "

S 70° W 3.00 "

S 55° W 12.00 "

S 20° W 8.00 "

S 62¼° W 3.00 "

S 75¼° W 4.40 "

S 70¾° W 12.00 "

BOOK 1799

Meanders, T 14S. R 16E. continued.

Right Bank

S 77½° W. 7.00 chs. Bank 2 ft. high.
S 64° W 2.40 "
to meander cor. of fracl. secs. 6 and 1. on Tp. line,
Land level
Soil sandy. 1st & 2nd rate
Timber, mesquite and cottonwood.
Land covered with dense undergrowth. 95.40 chs

Meanders of the left bank of Tanque Verde River, up stream.
Commence at the meander cor. of fracl. secs. 1 and 6. on N. Bdy. of Tp. which is a stone firmly set, marked and witnessed as heretofore described.
Thence run with meanders in sec. 6. Through dense weed

BOOK 1799

Meanders, T 14 S. R 16 E. continued

and mesquite undergrowth

S. 85¼° E.	8.60 chs.	Bank 3 ft. hig
N 59¼° E.	6.40 "	
S 86° E	4.10 "	
N 61° E	5.50 "	
N 65½° E	4.60 "	
N 34½° E	11.80 "	
N 55¼° E	12.80 "	
S 87¼° E	8.50 "	
S 74½° E	15.00 "	
S 48½° E	3.40 "	
S 38 ° E	2.50 "	
S 48½° E	3.40 "	
S 57° E	9.78 "	

Left Bank

to meander cor. of fracl. secs. 5 and 6

Land level

Soil, sandy, 1st & 2nd rate

Timber, mesquite and Cottonwood

BOOK 1799

Meanders T 14 S. R 16 E. continued

Land covered with dense undergrowth. 96.38 chs.

July. 28. 1900.

Thence in sec. 5

Through dense weed and mesquite undergrowth. Bank 3 ft. high

Left Bank

S 43° E 4.00 chs.

S 55¾° E 4.00 "

S 75° E 12.90 "

S 82½° E 9.80 "

S 73° E 4.90 "

S 83½° E 4.20 "

S 86¼° E 9.70 "

N 86° E 7.00 "

N 62¼° E 10.40 "

N. 75½° E 8.60 "

S 51° E 11.10 "

to meander cor. of fracl secs 4 and 5

Land level

BOOK 1799

Meanders. T 14 S. R 16 E. continued

Soil sandy, 2nd rate
Timber, scattering mesquite
and cottonwood.
Land covered with dense
undergrowth. 86.60 chs.

July 29. 1900.

July 30. 1900.

Thence in sec. 4.
Through dense reed and
mesquite undergrowth.

N. 85 3/4° E	4.50 chs.
S 57 1/2° E	4.80 "
N 79 1/2° E	11.50 "
N 86 1/2° E	6.20 "
S 72 1/4° E	5.40 "
S 63 3/4° E	3.40 "
S 73° E	8.40 "
S 79 1/4° E	8.00 "
S 47 3/4° E	16.60 "
N 88° E	8.80 "

BOOK 1799

Meanders T 14 S. R 16 E. continued

N 79° E 7.50 chs.
N 5 3/4° E 2.00 "
to the meander cor. of fracl
secs. 3 and 4.
Land level
Soil sandy. 2nd rate
Timber, scattering cottonwood.
Undergrowth, mesquite.
Land covered with dense
undergrowth. 87.10 chs.

Thence in sec. 3.
Through dense weed and
mesquite undergrowth.
N 76 1/2° E. 8.00 chs. Bank 2ft high
East 4.00 "
S 71 1/2° E 2.50 "
N 83 1/2° E 13.00 "
N 46 3/4° E 3.90 "

BOOK 1799

Meanders of T 14 S. R 16 E. concluded.

31.40

N 26¾° E 5.70 chs. Bank 2 ft high

N 18½° E 5.00 "

N 56½° E 7.40 "

N 70° E 11.50 "

N 25¼° E 2.00 " Bank 4 ft. high

N 86¼° E 10.20 "

N 76½° E 5.60 "

N. 78¾° E 6.00 "

N 76¼° E 3.00 "

N 64° E 3.04 "

to the meander cor. on E. Bdy. of Camp Lowell military Reservation

Said land level

Soil sandy. 2nd rate

Timber scattering cottonwood

Land covered with dense undergrowth. 90.84 chs ✓

July 30. 1900.

General Description.

T14S. R.16E. Ft Lowell (abandoned) Military Reservation. This portion which lies within the Ft. Lowell (abandoned) Military Reservation is mostly level and rolling and its soil ranges from gravelly to rich loam. The soil of the bottom land along the Tanque Verde River is rich loam capable of producing abundant crops by artificial irrigation. The Tanque Verde River is mostly dry, however during the rainy season it carries an abundance of water. Its waters are appropriated by the settlers for irrigation purposes. Cottonwood, some mesquite, catclaw and ash are found along the Tanque Verde River Bottom, while the mesa lands

BOOK 1799

to the south are covered with Palo Verde and greasewood under-growth, also giant cacti

There is a spring known as Rebadia in the NE¼ of sec. 3 at the Martinez ranch. another spring known as the Tongue Verde is in the SW¼ of the NW¼ of sec. 5.

There are ten settlers located along the river in secs. 3, 4, 5 and 6. The same have good substantial improvements and lands under cultivation. The school house of the Tongue Verde school district is located in the SW¼ of the SW¼ of sec. 5.

Philip Contzen

U. S. Deputy Surveyor.

56

List of Names.

BOOK 1799

A List of the Names of the Individuals employed by Philip Contzen *U. S. Deputy Surveyor, to assist in running, measuring and marking the lines and corners described in the foregoing Field Notes of the survey of the* Exteriors and subdivisional lines of Tps 14 S. Rs 15 & 16 E. within the Fort Lowell Military Reservation; also meander lines of Tanque Verde River *of the Gila and Salt River Base and Meridian, in the Territory of Arizona, showing the respective capacities in which they acted.*

Martin Ramzy	Chainman.
G. Wheatley	Chainman.
	Chainman.
	Chainman.
Fred Fagles	Axeman.
Manuel Lucazor	Axeman.
Frank Ryder	Flagman.

BOOK 1799

57

Final Oath of Assistants.

We hereby certify that we assisted Philip Contzen U. S. Deputy Surveyor, in surveying all those parts or portions of the Exteriors and subdivisional lines of Tps 14 S. Rs 15 & 16 E. within the Fort Lowell Military Reservation; also meanderlines of Tanque Verde River of the Gila and Salt River Base and Meridian, in the Territory of Arizona, as are represented in the foregoing field notes as having been surveyed by him and under his direction; and that said Survey has been in all respects, to the best of our knowledge and belief, well and faithfully surveyed, and the corner monuments established according to the instructions furnished by the United States Surveyor General for Arizona.

Martin Ranzy Chainman.

J. Wheatley Chainman.

Chainman.

Chainman.

Fred Tagles Axeman.

Manuel Saeazar Axeman.

Frank Ryder Flagman.

Sworn to and subscribed before me, this 31st day of July, 1900

Geo. Purcell Notary Public.

[SEAL.]

My com. ex. 3/27/1901

BOOK 1799

58

Final Oath of U. S. Deputy Surveyor.

I, Philip Contzen

U. S. Deputy Surveyor, do solemnly swear that in pursuance of a contract received from ~~Royal A.~~ George ~~Christ~~ Johnson, United States Surveyor-General for Arizona, bearing date of the 12th day of January 1900. I have well, faithfully, and truly, in my own proper person, and in strict conformity with the instructions furnished by the United States Surveyor-General for Arizona, the Manual of Surveying Instructions, and the laws of the United States, surveyed all those parts or portions of the Exteriors and subdivisional lines of Tps 14 S. Rs 15 & 16 E within the Fort Lowell Military Reservation; also meanderlines of Tanque Verde River of the Gila and Salt River Base and Meridian, in the Territory of Arizona, as are represented in the foregoing Field Notes as having been surveyed by me and under my direction; and I do further solemnly swear that all the corners of said surveys have been established and perpetuated in strict accordance with the Manual of printed instructions, the special instructions of the United States Surveyor-General for Arizona, and in the specif

59 BOOK 1799

manner described in the 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.

Philip S Conner
U. S. Deputy Surveyor.

Sworn to and subscribed before me this 31
day of July, 1880

George Christ
U.S. Surveyor
Genl

(Seal)

BOOK 1799

60

APPROVAL.

OFFICE OF THE U. S. SURVEYOR GENERAL.

Tucsón Arizona. 1902.

The foregoing field notes of the survey of Subdivision Lines of T. 14 S., R. 16 E.

GILA & SALT RIVER MERIDIAN.

executed by, Philip Contzen under his contract. NO. 63 dated, April 8 '02 having been critically examined, and the necessary correctiond and explanations made, the said field notes, and the surveys they descelbe , are hereby approved.

Hugh H. Price

U. S. Surveyor General of Ariz.