BOOK

AUXILIARY BASE LINE

T 14 S R 10 E

CONTRACT 104

PH. CONTZEN

U. S. DEP. SUR

Subs

3

4-671 BOOK 799

FIELD NOTES

GENERAL LAND OFFICE.

No. 799

"C"

data for Ev. Dec. 10/03 G.m.G.

ex. T.a

Rec'd
8/3/03

Copied Nov 7/03
W. H. J.

Descriptive sheets made by
C. M. T. - 2-18-04

14-10 Conf. S.F.G. G. & G. 3/5/04
14-11 " " " 5/5/04

No. 799

Field Notes
Of the survey of the
Auxiliary Base Lines
Of
Townships Nos 14 South
Ranges Nos 10 and 11 East
Of the
Gila and Salt River Base and Meridian
In the
Territory of Arizona
As surveyed by
Philip Contzen
U. S. Deputy Surveyor

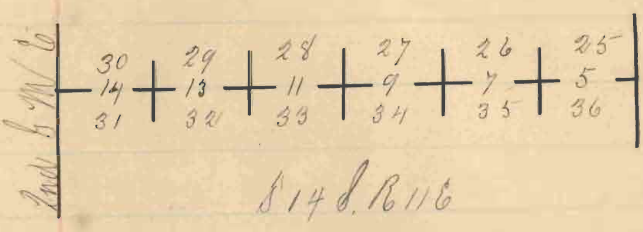
Under his contract No. 104.
Dated November 15, 1902.

Survey commenced March 13, 1903.
Survey completed April 1, 1903.

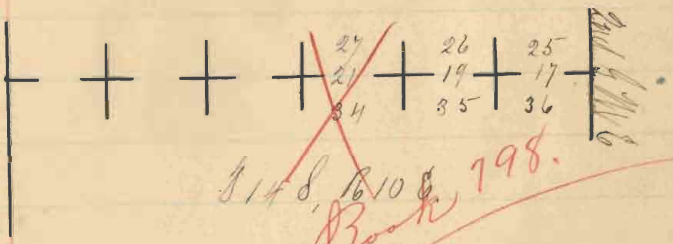
Preliminary oaths in Book "A" Exts. T. 14 S., R. 11 E.

BOOK 799

Index



S 14 S. R 11 E



S 14 S, R 10 E

see Book 798.

Auxiliary Base Line T 14 S R 11 E.

Chains	
	Preliminary to commencing the subdivision of T14 S, R11 E, in compliance with my special instructions, I proceed to establish an auxiliary base line. Survey commenced March 13, 1903, and executed with a Young and Sons light mountain transit, No. 5607, with solar attachment as heretofore described. in resurvey of S. Bdy. of this Tp. At 7h 30m a m, l m t, I set off 32° 11' N on the lat arc, 3° 13' S on the decl arc, and determine a true meridian with the solar at the cor of secs 25, 30, 31 and 36 on the W. bdy of the Tp, which is a mesquite post, marked and witnessed as described by the surveyor general. Thence I run East on a random line setting temp ¼ sec and sec cors at in-

Auxiliary Base Line, S 14 S, R 11 E

6 Chains

Travels of 4 to 6 chs, set first ¼ sec cor at 42.60 chs, and at 482.93 chs, intersect E bdy of T 5 S, 90 lks N. of the cor. of secs 25, 30, 31 and 36, as hereto fore described. The falling answers to a correction of 0° 06', or 15 lks per mile, and 33 lks E.

Thence on S run

N 89° 54' W, bet secs 25 and 36.

Over level land.

Through dense grassmeadow.

4 cor Set a mesquite post, 3 ft long, 4 ins sq, with marked stone, 24 ins in the ground, for ¼ sec cor, marked ¼ S. 25 on N and 36 on S faces, from which

A mesquite, 10 ins diam, bears S. 44° E, 114 lks dist, marked ¼ S 36 B S.

A mesquite, 4 ins diam, bears N. 10° 45' W, 220 lks dist, marked ¼ S 25 B S.

Auxiliary Base Lines S 14 S R 11 E.

6 chains
8.10

Set a mesquite post, 3 ft long, 4 ins sq. with marked stone, 24 ins in the ground, for cor of secs 25, 26, 35 and 36, marked S 14 S S 25 on N E, R 11 E S 36 on S E, S 35 on S W, and S 26 on N W faces with 1 notch on S and E. edges, from which

A mesquite, 6 ins diam, bears N. 39° 30' E, 121 lks dist, marked S 14 S R 11 E S 25 B S.

A mesquite, 6 ins diam, bears S 40° E, 101 lks dist, marked S 14 S R 11 E S 36 B S.

A mesquite, 4 ins diam, bears S 4° 30 W 84 lks dist, marked S 14 S R 11 E S 35 B S.

A mesquite, 8 ins diam, bears N. 56° 25' W, 131 lks dist, marked S 14 S R 11 E S 26 B S.

Ground level.

Soil, sandy loam, 2nd rate.

Timber, scattering mesquite, medium growth,

Auxiliary Base Line T 14 S. R 11 E.

Chains

grasewood, mesquite and trotta.
Giant cactus.
Dense undergrowth, 8.00 chs.

March 13, 1903.

March 14. At 7h 35m a.m. l.m.t., I set off 32' N on the lat arc, 2° 49' S on the decl arc, and determine a true meridian with the solar at the cor of secs 26, 27, 34 and 35.
Thence I run
N 89° 54' W, bet secs 26 and 35.
Over level land.
Through dense undergrowth.
6.95 Road, bears Northerly and Southerly.
25.60 Road, bears N. Westerly and S. Easterly.
40.00 Set a mesquite post, 3 ft long, 4 ins sq, with marked stone, 24 ins in the ground, for 1/4 sec cor, marked 1/4 S 26 on N and 35

Horizontal Base Line S 14 E, R 11 E

Chains	
	on S. face, from which
	A mag. nail, 4 ins diam. bears S 6° W, 85 lks dist, marked + S 35 B S.
	A mag. nail, 4 ins diam, bears N. 72° W, 65 lks dist, marked + S 26 B S.
42.90	Dry wash, 10 lks wide, course N. Westerly.
65.00	Dry wash, 10 lks wide, course N. Westerly.
66.55	Dry wash, 10 lks wide, course N. Westerly.
80.00	Set a mag. nail post, 3 ft long, 4 ins sqr, with marked stone, 24 ins in the ground, for cor of secs 26, 27, 34 and 35, marked S 14 S S 26 on NE, R 11 E S 35 on S E, S 34 on S W, and S 29 on N W, face, with 1 notch on S and 2 notches on E rad. from which A mag. nail, 4 ins diam, bears S 33° 50' E, 62 lks dist, marked S 14 S R 11 E S 35 B S. A mag. nail, 4 ins diam, bears N. 19° 40' W, 47

Auxiliary Base Corner S 14 S. R 11 E

Chains

Chs dist, marked S 14 S R 11 E S 27 B S.
mi other trees in this Corner, viz: pits
18 x 18 x 12 ins, NE and SW of post, 5½
ft dist, and mound of earth
4 ft base, 2 ft high, W of cor.
Land level.
Soil, sandy loam, 2nd rate.
Timber, scattering musquite, mesquite,
grasswood, musquite, chamizo and cactus.
Giant cactus.
Dense undergrowth, 8000 chs.

N 89° 57' W, bet secs 27 and 34.
Over level land
Through dense grasswood.

6.00 Dry wash, 15 lks wide, course N. Westerly.
19.60 Dry wash, 20 lks wide, course N. Westerly.
40.00 Set a musquite post 3 ft long, 4 ins sq,
with marked stone, 24 ins in the ground,

Auxiliary Base Line S 14 S R 11 E.

6 chains for ¼ sec cor, marked ¼ S 27 on N and 34 on S faces. dig pits 18 x 18 x 12 ins, E. and W. of post, 3 ft dist, and raise a mound of earth, 3½ ft base, 1½ ft high N. of cor.

8.00 Set a magnite post, 3 ft long, 4 ins sq, with marked stone, 24 ins in the ground, for cor of secs 27, 28, 33 and 34, marked S 14 S S 27 on N E, R 11 E S 34 on S E, S 33 on S W. and S 28 on N. W faces, with 1 notch on S. and 3 notches on E. edges, from which 4 magnite, 4 ins diam, bears N. 43° E. 55 lks dist, marked S 14 S R 11 E S 27 B.T. no other trees within limit, dig pits, 18 x 18 x 12 ins, S.E, S W and N. W of post, 5½ ft dist, and raise a mound of earth, 4 ft base, 2 ft high, W of cor.

Auxiliary Base Line S 14 S. R 11 E.

Chains

Land, level.
Soil, sandy loam, 2nd rate.
Timber, scattering mesquite, undergrowth, grassimen, hisota, mesquite and chamizo.
Dense undergrowth, 8.00 chs.

N 89° 54' W, bet secs 28 and 33.
Over level land.
Through dense undergrowth.

4.00 Set a mesquite post, 3 ft long, 4 ins sq, with marked stone, 24 ins in the ground, for ¼ sec cor marked ¼ S 28 on N and 33 on S. faces, from which
A mesquite, 4 ins diam, bears North, 15 lks dist marked ¼ S 28 B T.
A mesquite, 4 ins diam, bears South, 25 lks dist marked ¼ S 33 B T.

42.60 Road bears N. Westerly and S. Easterly.

12

Auxiliary Base Corner S 14 S, R 11 E.

Chains

8 cvo Set a mesquite post, 3 ft long, 4 ins sq,
with marked stone, 24 ins in the ground,
for cor of secs 28, 29, 32 and 33, marked
S 14 S S 28 on N E,
R 11 E S 33 on S E,
S 32 on S W, and
S 29 on N W faces, with 1 notch on S and
4 notches on E edges; from which
A mesquite, 4 ins diam, bears S 17° E, 26 4
lks dist, marked S 14 S R 11 E S 33 B T;
no other trees within limit, dig pits 18x18x12
ins, N E, S W and N W of post 5½ ft dist,
and raise a mound of earth, 4 ft base,
2 ft high, N of cor.
Land, level.
Soil sandy loam, 2nd rate.
Timber, scattering mesquite, underbrush,
grasswood, mesquite, brush and
Chamizo.

Auxiliary Base Line S 14 S. R 11 E.

6 chains

Brush underbrush 8 ins dia.
March 14: at this cor. I set off 2° 46' E on the decl. arc; and at 12 h 5 m P.M. took obsn. ☉; observed the sun on the meridian; resulting lat. is 32° 11' N

N 89° 57' W, bet secs 29 and 32.

Prairie land

Through brush underbrush.

2.62 Mound, bears N. Westerly and S. Easterly.

11.60 Dry wash, 20 lks wide, course Northerly.

40.00 Set a mesquite post, 3 ft long, 4 ins. sq., with marked stone, 24 ins in the ground, for ¼ sec cor marked ¼ S 29 on N, and 32 on S faces; dig pits 18 x 18 x 12 ins, E and W of post 3 ft dist, and raise a mound of earth, 3½ ft base, 1½ ft high, N. of cor.

80.00 Set a sandstone, 24 x 8 x 4 ins, 18 ins in the ground, for cor of secs 29, 30 31, and 32, marked with 1 notch on S and 5 notches on E. rays. from which
A mesquite, 4 ins diam, bears S 1° 50' E, 175 lks dist, marked S 14 S R 11 E S 32 B T.

14 BOOK 790

Auxiliary Base Line, S 14 S. R 11 E

Chains

A mag nite, 4 min chain, bears S 59° 25' W, 92 lks dist, marked S 14 S R 11 E & S 31 B S.

A mag nite, 4 min chain, bears N. 5° 15' W, 62 lks dist, marked S 14 S R 11 E S 30 B S; no other bee within limit, dig pit, 18 x 18 x 12 ins, N E of post, 5½ ft dist, and raise a mound of earth, 4 ft base, 2 ft high, W of ww.

Sand, level.

Soil, sandy loam, 2nd rate.

Timber, scattering mag nite, underbrush, mag nite, tres ota and chamizo.

Dense underbrush, 8 ins thr.

N 89° 54' W, bet secs 30 and 31.

Over level land.

Through dense underbrush.

6.35 Dry wash, 10 lks wide, course Northerly.

9.90 Dry wash, 10 lks wide, course Northerly.

Auxiliary Base Line, T 14 S., R 11 E.

Chains

4.00 Set a mesquite post, 3 ft long, 4 ins sq, with marked stone, 24 ins in the ground, for ¼ sec cor marked ¼ S 30 on N and 31 on S face, from which

N mesquite, 4 ins diam, bears S. 1½ W., 4.74 lks dist, marked ¼ S 31 B.T.

N mesquite 4 ins diam, bears N 28 ¾° W., 1.63 lks dist marked ¼ S 30 B.T.

82.93 The cor of secs 25, 30, 31 and ~~32~~ 36.

Land, level.

Soil, sandy; 2nd and 3rd rate.

Timber, scattering mesquite, undergrowth, mesquite, chamiso and grasswood.

Mons: undergrowth, 82.93 chs.

March 14, 1903.

Philip Contzen

U. S. Deputy Surveyor

16

BOOK 799

Auxiliary Base Line, T 14 S, R 10 E

6 chains

Preliminary to commencing the subdivision of T 14 S, R 10 E, I proceed to establish an auxiliary base line in compliance with my special instructions.

Survey commenced April 1, 1903 and executed with a Young and Sons light mountain transit, no. 5607, with solar attachment, as hereinafter described.

I examine the adjustments of the transit and find the same in satisfactory condition.

At 4h 25m a m l m t, I set off 32° 11' N on the lat arc, 4° 15' N on the dec arc and determine a true meridian with the solar at the cor of secs 25, 30, 31 and 36, on the E bdy of the T/p, which is a mesquite post, marked and witnessed as described by the surveyor general.

Sturner Brun

No. 799 BOOK 799

APPROVAL.

Office of the

United States Surveyor-General,

Phoenix, Arizona.

March 8 - 1904

The foregoing field notes of the survey of the Auxiliary Base line of T14S., R11E. of the Gila and Salt River Base and Meridian, in the Territory of Arizona. Executed by Philip Contzen United States Deputy Surveyor, under his contract No. 104, dated Nov. 15 1902, having been critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved.

Frank A. Ingalls

U. S. Surveyor-General.