No-241 BOOK 241

Field Notes
of the survey & resurvey of the
Subdivision lines
of
Township No. 17 North
Range No. 5 East
of the
Gila and Salt River
Base and Meridian
in the
Territory of Arizona
as surveyed by
W. Oscar Decor.
U. S. Deputy Surveyor
under his contract No. 102
Dated June 30th 1902

Survey commenced Oct. 7th 1902
Survey completed Feby 7th, 1904

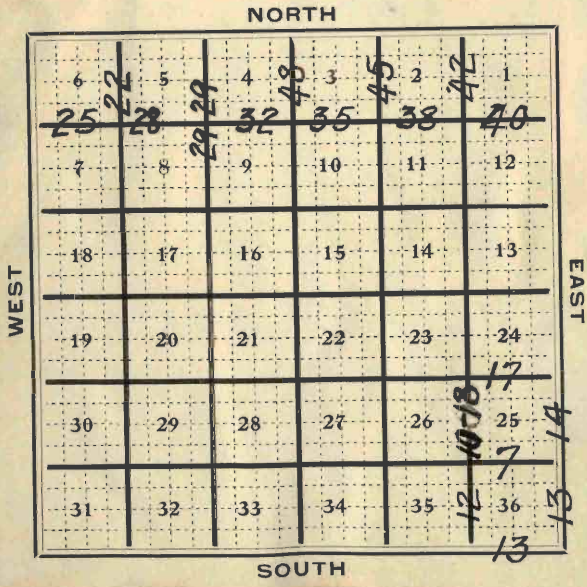
Names and duties of assistants

Joel Anderson Chainman
A. G. Johnson Chainman
F. M. Lockwood Mountman
Hubert Harpham Axman
C. J. Schwartz Axman
Norman Coote Flagman

BOOK 241

Township BOOK 241 Range .....

..... County, ...



For preliminary oaths, prior to Jan. 1st 1904. See subs. T. 19 N. R. 6 E.; After Jan. 1st 1904, see subs. T. 18 N. R. 6 E..

Survey commenced October 7th 1902 and executed with a Buff and Berger engineer's transit, with Seag-muller Polar attachment.

This transit is numbered 672; the horizontal limb having two double verniers placed opposite to each other and reading to 30" of arc.

The instrument was examined and approved by the Surveyor General of Arizona at Phoenix, Arizona.

(#) See Page B-

At my camp near the cor. of secs. 7, 8, 17 and 18. Tp 17. N. R. 6 E. in lat 34°51' N. long. 111°45' W. at 6h 26m p.m. l.m.t. I observe Polaris at Eastern

(#) 3^h p.m. l.m.t. I set off 5°23'S. on the lat arc on the dect. arc; 34°51'N. and determine a true meridian with the solar, and mark the line thus determined with a cross on a stone firmly set in the ground about 6 chs N. of my station. near my camp.

elongation in accordance with instructions in the Manual, and mark a stone set firmly in the ground about 6.00 chs. N. of my station

I lay off the azimuth of Polaris 1°24' to the west, and mark the true meridian thus determined by a cross on a rock set firmly in the ground.

Oct. 7th 1902.

Oct 8th, 1902: At 8 a.m., l.m.t. I set off 5°39' S. on the decl. arc; 34°51' N. on the lat. arc; and determine a true meridian with the solar, and mark the point thus determined by

a mark on a stone firmly
set in the ground. at
about six lks. N. of my
station.

These points falls 0.2 mi
E & W. of the meridian determined
by the Polaris observation

I therefore conclude
that the adjustments of my
instrument are satisfactory.

The magnetic bearing
of the true meridian is N. 14° W.
the angle thus determined gives
the magnatic decl. 14° E.

Oct. 8th 1902: At 9 a.m. l.m.t
I set off 5° 40' S. on the decl. arc.
34° 48' N. on the lat. arc, and
determine a true meridian
with the solar at the cor. to secs.

as described by the Surveyor General
25, 26 35 and 36, Tp. 17 N. R. 5 E.,
Thence I run.
E. on a random line
bet. secs. 25 and 36.
40.00 Set temp 1/4 sec. cor.
74.05 Intersect E. bdy. Tp. 37 lks.
S. of cor. of secs. 25, 30, 31
as described by the Surveyor General
and 36, " Thence I run.
S. 89° 43' W. on a true line
bet. secs. 25 and 36.
Over mountainous lands.
Through dense brush
ascending.
1.06 Top of ridge bears N. W.
and S. E. Descend
4.80 Gulch. Course N. W. ascend
6.00 Top of ascent. Enter open
flat 5.00 chs. wide.
20.30 Gulch. Course N. W.

Subdivisions of

26.50 Gulch course N. W.

36.30 Foot of precipitous sandstone bluff, ascend.

37.025 Near E. edge of sandstone ledge, I marked a cross at exact cor. point with 1/4 on N. and 36. on S. of cross, ~~and~~ from which A pinion 10 ins diam. bears S. 80° E. 15 lks. dist. marked 1/4 S. 36 B. T.
A pinion 10 ins. diam. bears N. 8° W. 81 lks. dist. marked 1/4 S. 25 B. T.

49.00 Foot of E. side of Court House butte. As it is impossible to proceed on this line I offset 4.00 chs. N., thence S. 89° 43' W.

Tp. 17 N. R 5 E.

55.10 Top of ridge bears N and S descend

64.80 Offset 4.00 chs. S. to line

74.05 The cor. to secs. 25, 26, 35 and 36.

Land mountainous 74.05 chs.

Dense pinion & Cedars. 74.05 chs.

Soil rocky. 4th rate.

At this cor. I set off 5°44' E. on the decl. arc; and at noon observe the sun on the meridian the resulting lat. is 34° 48' N.

Subdivisions of

N. on a random line bet.
secs. 25 and 26

41.12 The 1/4 sec. cor. bet. secs.
25 and 26 bears E. 89 lks.
As this cor. is undersized
and the marks on the
bearing tree inscribed on
the bark, I destroy the
cor. and reestablish as follows
Set a sandstone 24x16x3 ins
in a md. of stone for 1/4 sec.
cor. marked 1/4 on N. face
from which
A sycamore 30 ins. diam.
bears N. 64° E. 14 lks. dist.
marked 1/4 S. 25 B. T.
An ash 16 ins. diam. bears
N. 42° 30' W. 21 lks. dist. marked
1/4 S. 26 B. T.

Tp. 17 N. R. 5 E.

Thence I run.
S. 1°14' W. on a true line
bet. secs. 25 and 26.
4.80 Foot of bluff, ascend.
22.20 Top of bluff bears E. and W.
33.50 Gulch, course N. 20° W. ascend.
38.40 Top of spur, bears E. and W.
40.50 Gulch course W.
41.12 The cor. to secs. 25, 26, 35 and 36.
Land mountainous 41.12 chs.
Dense cedars and pinions 41.12 chs.
Soil rocky, 4th rate.
Oct. 8th 1902

12 BOOK 241

Subdivisions of

Feby. 6th 1904. at 9 a.m., l.m.t.

I set off 15°53' S. on the decl. arc, 34°48 N. on the lat. arc, and determine a true meridian with the polar at the cor. of secs. 25, 26, 35 and 36,

Thence I run

S. 1st secs. 35 and 36 as described by the Surveyor General

39.50 The 1/4 sec. cor. on line

80.00 The 1st cor. to secs. 35 and 36 on line as described by the Surveyor General

Land mountainous 80.00 chs.

Dense cedars 80.00 chs.

Soil rocky, 4th rate.

Tp. 17 N. R. 5 E.

E. on S. bdy. sec. 36.
as described by the Surveyor General
39.97 The 1/4 sec. cor. in line.
79.96 The St. cor. of Tps. 17 N.
described by the Surveyor General
Rs. 5 and 6 E. in line, as
Land mountainous 79.96 chs.
Druse, cedars 79.96 "
Soil rocky, 4th rate.

From the Stond cor. of Tps. 17 N.
Rs 5, 6 E. I run
N. bet. secs. 31 and 36.
as described by the Surveyor General
40.21 The 1/4 sec. cor. bears N. 29°
chs. which makes the bearing
as given.
of this 1/2 mile.
N. 4°08' W. 40.32 chs.

From this 1/4 sec. cor. I run
N.

40.29 The cor. of secs. 25 26 35 and
as described by the Surveyor General
36. bears N. 29 1 chs, which
makes the bearing and

Subdivisions of

length of this 1/2 mile.
N. 4° 08' W. 40.40 chs.
Land mountainous 80.71 chs.
Dense cedars 80.71 chs.
Soil rocky 4th rate.
Feby 6th

Feby. 7th 1904: at 9 a.m.
l.m.t. I set off 15° 34' S on
the decl. arc; 34° 48' N. on the lat.
arc, and determine a true meridian
with the solar at the cor of secs.
25, 30, 31, and 36 on the E. bdy.
Thence I run.
N. bet. secs. 25 and 30.
40.97 The 1/4 sec. cor. bears E.
93 lks. which makes the
bearing and length of this
1/2 mile N 1° 18 E. 40.98 lks.

Tp. 17 N. R. 5 E.

As this cor. consists of an
undersized stone lying on
the ground, without witness
trees. I reestablish as follows.
Set a limestone 16 x 10 x 6 ins.
in a md. of stone for 1/4 sec. cor.
marked with 1/4 on N. face.
from which
a cedar branch 5 ins. diam. bears
S. 80° E. 21 lks. dist. marked
1/4 S. 30 B. T.
Cedar branch 6 ins. diam. bears.
N. 40° W. 32 lks. dist. marked.
1/4 S. 25 B. T.
I continue N. from 1/4 sec. cor
39.83 The cor. of secs. 24, 25, 19.
and 30. bears E. 89 lks. which
makes the bearing and length
of this 1/2 mile N. 1° 17' E.
39.84 Chs.

Subdivisions of

I re-establish this cor. as follows.
Set a sandstone 26 x 14 x 4 ins. in a md. of stone for cor. of secs. 19, 30, 24, 25. Marked with 2 notches on S. and 4 notches on N. edges, from which.
A pinion 6 ins diam bears N. 41° E. 87 lks. dist. Marked T. 17 N. R. 6 E. S. 19 B. T.
A cedar 10 ins. diam. bears S. 50° W. 173 lks. dist. Marked T. 17 N. R. 5 E. S. 25 B. T.
A cedar 10 ins. diam. bears N. 20° W. 102 lks. dist. Marked T. 17 N. R. 5 E. S. 24 B. T.
No other trees in distance
Build a md. of stone

3 ft. base. 2 ft high N. of cor.
Pits impracticable.
Land mountainous 80.83 Chs.
Druse cedars 80.83 Chs.
Soil rocky. 4th rate.

N. bet. secs. 24 and 25.

38.61 The 1/4 sec. cor bet. 24 and 25 on line.
as described by Surveyor General.

77.01 The cor. of secs. 23, 24 25 and 26. on line.
As described by Surveyor General.

Land mountainous 77.01 Chs
Druse cedars. 77.01 Chs.
Soil rocky, 4th rate.

18

Subdivisions of

S. 1/4 secs. 25 and 26.

40.10 The 1/4 sec. cor. bears E. 220 lks, which makes the bearing and length of this 1/2 mile S. 3° 08' E. 40.16 chs.

Feby 7th. 1904.

Tp. 17 N. R. 5 E. 19

Oct. 8th 1902. I repair to the cor. of secs. 1, 6, 7 and 12, on the E. bdy. and finding the cor. undersized with the marks on the witness trees nearly overgrown and obliterated, I rebuild as follows.

Set a sandstone 14 x 12 x 5 ins quisan the ground for cor. to secs. 1, 6, 7 and 12, marked with 1 notch on N. and 5 notches on S. edges.

From which.

A pinion 10 ins. diam. bears S 82° E. 68 lks. dist. marked T. 17 N. R. 6 E. S. 7 B. T.

A pinion 10 ins. diam. bears S. 81° W. 17 lks. dist. marked T. 17 N. R. 5 E. S. 12 B. T.

Subdivisions of

A cedar 9 ins. diam. bears
N. 23° 30' W. 161 lks. dist.
marked T. 17 N. R. 5 E. S. 1 B. T.
A cedar 9 ins. diam. bears
N. 45° 30' E. 107 lks. dist. marked
T. 17 N. R. 6 E. S. 6 B. T.
At 1h P.M. l.m.t. I set off 5° 45' S. on the decl. arc;
34° 52' N. on the lat. arc; and determine a true meridian with the solar at the cor. of secs. 1, 6, 7 and 12, thence I run N. on a random line bet. secs. 1 and 12. At 40.00 chs. I can find no trace of 1/4 sec. cor.; at 80 I find old bearing trees with marks invisible.
Continuing N. on same

Tp. 17 N. R. 5 E.

line. I find no trace of old cors. at 40.00 and 80.00 chs. I continue W. on same line, at 40.00 chs. no trace of old cor.; at 80.84 chs. I fall 20 lks. N. of stone properly marked with two old bearing trees, marks still visible. Thence I run from cor. W. 40.00 chs.; no trace of 1/4 sec. cor.; 80.00 chs., no trace of old cor.

Continuing W. on same line at 40.00 chs. I find a md. of stone with no marked stone for 1/4 sec. cor. At 78.25 chs. I fall 5 lks. N. of old cor. to secs. 5, 6, 7 and 8, properly marked

Subdivisions of

and ~~undersized~~, with
two bearing trees.
Oct. 8th 1902

Oct. 9th 1902; at 8h a.m. l.m.t.
I set off 6° 02' S. on the decl. arc;
34° 52' N. on the lat. arc, and
determine a true meridian
with the polar. at the cors. of
secs. 5, 6, 7 and 8.
Thence I run.
N. on a random line bet.
secs. 5 and 6.
39.98 Trace of md. with under
sized stone buried in
ground 2 lks. W. of line.
Finding cors. badly
dilapidated and no trace
of others I resurvey and

Tp. 17 N. R. 5 E.

establish the cors. as follows
Set a sandstone 16 x 12 x 4 ins.
12 ins. in ground for 1/4
sec. cor. bet. secs 5 and 6
marked 1/4 on N. face.
from which a cedar. 5 ins.
diam. bears. N. 65° E.
183 lks dist. marked.
1/4 S. 5 B. T.
Dug pits 18 x 18 x 12 ins. N and
S. of cor., 3 ft. dist. and
raised a md of earth 3 ft.
base. 1½ ft high N. of cor.
Thence I run.
N. on a random line bet.
secs. 5 and 6.
H.100 Intersect N. bdy. of Tp. 0.02
chs. E. of cor. to secs. 5, 6, 31
and 32.

Subdivisions of

Thence I run.

S. 0°02' E. on a true line
bet. secs. 5 and 6. ascend.

7.00 Top of ascent.

17.00 Line along N. slope of cliff.

38.00 Dry wash. Course S. W.

41.00 1/4 sec. cor. thence S. 0°02' E.

39.98 The cor. of secs. 5, 6, 7, and 8.

Land mountainous 80.98 Chs.

Dense brush 80.98 Chs.

Soil rocky, 4th rate.

Tp. 17 N. R. 5 E.

From the cor. of secs. 5, 6, 7 and 8, I retrace N. bet. secs. 6 and 7.

39.95 1/4 sec. cor. as described by the Surveyor General, bears N. 73 lks. which makes the bearing and length of this 1/2 mile N. 88° 57' W. 39.96 chs.

Thence from 1/4 sec. cor. I run West.

38.45 The cor. of secs. 1, 6, 7 and 12. as described by the Surveyor General, bears N. 67 lks. which makes the bearing and length of this 1/2 mile N. 89° 30' W. 38.45 chs

Land mountainous 78.42 chs.
Dense brush 78.42 chs.
Soil rocky & poor.

Oct. 9th 1902

Subdivisions of

Oct 10th 1902: at 8 a.m. l.m.t.
I set off 6°25' S on the decl. arc;
34°52' N. on the lat. arc, and
determine a true meridian
with the solar, at the cor. of
secs. 5, 6, 7 and 8. which I
rebuild as follows

Set a sandstone 15 x 12 x 10 ins
10 ins. in the ground. for cor.
to secs. 5, 6, 7 and 8. marked
with 5 notches on E and S
edges. from which.
A cedar 12 ins diam. bears
S. 6° W. 124 lks. dist. marked
T. 17 N. R 5 E. S. 7 B. T.
A cedar 5 ins. diam. bears
N. 32° W. 181 lks. dist. marked
T. 17 N. R 5 E. S. 6 B. T.
No other trees in distance

Dig pits 18 x 18 x 12 ins in each 5.5 ft. dist. sec. 1 and raise a md. of earth 4 ft. base 2½ ft. high N. of cor.

Thence I run.

N. 89° 56' E. on a true line bet sec's. 5 and 8.

Over mountainous lands.

Through scattering timber and brush.

24.00 Ascend steep slope of sandstone cliff 400 ft. high.

30.00 Top of cliff. Bears N ans S.

31.50 Descend E slope.

38.25 Destroy all trace of old cor. and re-establish as follows.

Set a sandstone 14 x 8 x 6 ins. 10 inches in ground for 1/4

Subdivisions of

MC. cor. marked 1/4 on N. face
from which.
A cedar 6 ins. diam. bears
S. 7°30' E. 54 lks. dist. marked
1/4 S. 8 B. T.
A pinion 4 ins. diam. bears
N. 15° W. 28 lks. dist. marked
1/4 S. 5 B. T.

I now repair to the 1/4 sec. cor. bet. secs. 8 and 9, which is marked as described by the Surveyor General.
Thence I run.
N. bet. secs. 8 and 9.
40.00 Made diligent search but could find no sec. cor.
Set temp. cor.
Continuing N. on same line
80.12 The 1/4 sec. cor. bet. secs. 4 and 5, marked as described by the Surveyor General, bears E. 10 lks.
I now return to the temp cor. which I move 6 lks. N. and 5 lks E.
Having previously determined the course and distance

bet. the 1/4 sec. cor. bet secs. 5 and 8, and the cor. of secs. 4, 5, 8 and 9, I returned to the 1/4 sec. cor. bet. secs. 5 and 8 and run E. and at 40.02 chs, the temp cor. bears N. 6 lks. and 2 lks. west. I therefore set permanent cor. 2 lks. E. of temp. cor. as follows:
Set a sandstone 20x12x10 ins 15 ins. in the ground, for cor. of secs. 4, 5, 8 and 9. marked with 4 notches on E. and 5 notches on S. edges from which
A cedar 12 ins. diam. bears. S. 10° W. 74 lks. dist. marked. T. 17 N. R 5 E. S. 8 B. T.
A cedar 10 ins. diam. bears

S. 55° E. 111 lks. dist. marked
T. 17 N. R 5 E. S. 9. B. T.
A cedar 8 ins. diam. bears
N. 28° W. 227 lks. dist. marked
T. 17 N. R. 5 E. S. 5 B. T.
A cedar 6 ins. diam. bears
N. 2° E. 188 lks. dist. marked
T. 17 N. R. 5 E. S. 4 B. T.
The bearing and length of
the E. 1/2 of the line bet. secs
5 and 8 is N. 89° 55' E. 40.02 chs.
Land mountainous 78.25 chs.
Scattering timber and
brush 78.25 chs.
Soil rocky, 4th rate.
From the 1/4 sec. cor. bet. secs. 4 and 5
previously described I run N —
39.89 The cor. of secs. 4. and 5 re-established
by me.
The S. 1/2 of this mile bet. secs. 4 + 5
is N. 0° 03' E. 40.06 chs.

Subdivisions of

S. 89°57' E. on a true line bet secs 4 and 9.

0.10 Dry wash Course S. E.

8.00 Dry wash Course S. E.

23.00 Edge of bluff of canon. descend.

26.00 Bottom of canon. course S. ascend.

27.50 Top of bluff, East side bears N. and S.

39.99 Set a sandstone 14 x 8 x 5 ins 10 ins. in ground for 1/4 sec. cor. marked 1/4 on N. face from which
A cedar 6 ins. diam. bears S. 12° W. 8 lks. dist. marked 1/4 S. 9 B. T.
A cedar 5 ins. diam bears N. 30° W. 58 lks. dist. Marked 1/4 S. 4 B. T.

Tp. 17 N. R. 5 E.

79-98

Proceed along N. slope of ridge through dense cedars. Destroy all trace of old cor. and reestablish as follows.

Set a sandstone 15 x 12 x 10 ins. 10 ins. in ground. for cor. of secs. 3, 4, 9 and 10. marked with 3 notches on E. and 5 notches on S. edges. from which

A cedar. 18 ins. diam. bears S. 82° W. 31 lks. dist. marked. T. 17 N. R. 5 E. S. 9 B. T.

A cedar 7 ins. diam. bears. S. 57° E. 80 lks. dist. marked. T. 17 N. R. 5 E. S. 10 B. T.

A cedar 7 ins. diam. bears N. 7° W. 53 lks dist. marked

Subdivisions of

S.

T. 17 N. R. 5 E. S. 4 B. T.
A cedar 10 ins. diam. bears.
N. 31° E. 188 lks. dist. marked.
T. 17 N. R. 5 E. S. 3 B. T.
2 Land mountainous 80.00 chs.
2 Dense cedars 80.00 chs.
Soil rocky, 4th rate.
2 Oct. 10th 1902.

3

Tp. 17 N. R. 5 E.

Oct 11th 1902: at 8 a.m., l m.t., I set off 6°48' S. on the dect. arc; 34°52 N. on the lat. arc, and determine a true meridian with the polar, at the cor. of secs. 3, 4 9 and 10 Thence I run.

N. 89° 57' E. on a true line bet. secs. 3 and 10.

Over mountainous land

Through dense cedars.

9.50 Dry wash course N. W.

20.30 Dry wash course S. W.

24.00 Dry wash course N. W.

32.00 Dry wash course S. W.

36.00 Leave wash course N.

40.26 Set a sandstone 18x10x6 ins 10 ins. in ground for 1/4 sec. cor. marked 1/4 on N. face from which

Subdivisions of

S.

A cedar 10 ins. diam. bears
S. ~~4°~~ 5° E. 39 lks. dist. marked
1/4 S. 10 B. T.
A cedar 8 ins. diam. bears
N. ~~21°~~ 21°30' E. ~~71~~ lks. dist. marked
1/4 S. 3 B. T.
Thence I run N. 89°57' E. on a true
line
51.75 Road bears N. and S.
59.75 Dry wash, course S. W.
72.00 Ascend rocky slope, through
oak brush.
80.52 Set a sandstone 24 x 12 x 5 ins
in a md. of stone for cor. of
secs. 2, 3, 10 and 11 marked
with 2 notches on E. and
5 notches on S. edges
from which
A pinion 5 ins. diam. bears

Tp. 17 N. R. 5 E.

N. ~~11~~ 13° E. ~~41~~ 40 lks. dist. marked
T. 17 N. R. 5 E. S. 2 B. T.
A cedar 10 ins. diam. bears
S. ~~73~~ 71° 30' E. ~~84~~ 65 lks. dist. marked
T. 17 N. R. 5 E. S. 11 B. T.
A cedar 14 ins. diam. bears
S. ~~82~~ 34° W. ~~58~~ 93 lks. dist. marked
T. 17 N. R. 5 E. S. 10 B. T.
A cedar 6 ins. diam. bears
N. ~~12~~ 72° W. ~~13~~ 22 lks. dist. marked
T. 17 N. R. 5 E. S. 3 B. T.
Land mountainous 80.52 chs.
Down cedars 80.52 chs.
Soil rocky. 4th rate.

Subdivisions of

N. 89°55' E. on a true line bet. secs. 2 and 11.

Ascending rocky slope of Capitol Butte.

12.00 Top of ascent, descend.

20.00 Foot of steep, rocky slope.

40.16 Set a sandstone 18x12x6 ins. in a md. of stone for 1/4 sec. cor. marked 1/4 on N. face and build a md. of stone 2½ ft. base 1½ ft. high N. of cor. pits impracticable.

A cedar 12 ins diam, brs S 62°41' W 2.32 chs dist mkd 1/4 S 11 B.T.

A cedar, 12 ins diam, brs N 74°45' W, 2.25 chs dist mkd 1/4 S 2 B.T.

80.32 Destroy all trace of old cor. and re-establish as follows

Set a sandstone 14x8x7 ins. in a md. of stone for cor. of secs. 1, 2, 11 and 12, marked with 1 notch on E and

5 notches on S. edges.
from which.
A cedar 12 ins. diam. bears
S. 68° W. 41 lks. dist. marked
T. 17 N. R. 5 E. S. 11 B. T.
A cedar 10 ins. diam. bears
S. 22° E. 69 lks. dist. marked
T. 17 N. R. 5 E. S. 12 B. T.
A cedar 6 ins. diam. bears
N. 14° 30' W. 58 lks. dist. marked
T. 17 N. R. 5 E. S 2 B. T.
A pinion 4 ins. diam. bears
N. 14° 30' E. 38 lks. dist. marked
T. 17 N. R. 5 E. S. 1 B. T.
Land mountainous 80.32 chs.
Dense cedars. 80.32 chs.
Soil rocky. 4th rate.

Subdivisions of

E. on a true line bet. secs 1 and 12.

Ascend steep rocky cliff.

6.00 Top of cliff.

10.00 Descend E. slope of butte 200 ft. high.

22.00 Foot of slope.

27.00 Leave timber and brush

34.00 Line along E. slope of ridge. Enter cedars.

40.00 Point of spur bears N. E. Set a sandstone 24 x 12 x 10 ins in a md. of stone for 1/4 sec. cor. marked 1/4 on N. face from which.

A pinion 6 ins. diam. bears N. 38° 30' E. 54 lks. dist. marked 1/4 S. 1 B. T.

A cedar 4 ins. diam. bears

Tp. 17 N. R. 5 E.

S. 15° W. 69 lks. dist. Marked 1/4 S. 12 B. T.

68.50 Road bears N. and S.

80.00 The cor. of secs. 1, 6, 7 and 12.

Land mountainous 73.00 chs.

Land rolling 7.00 chs.

Dense cedar & pinion 73.00 chs.

Soil rocky, 4th rate

Oct. 11th 1902

Subdivisions of

Oct. 12th, 1902: At 8 a.m. l.m.t.
I set off 7° 10' S. on the decl. arc;
34° 52' N. on the lat. arc, and
determine a true meridian
with the polar at the cor. of secs.
1, 2, 11 and 12.

Thence I run.
N. on a random line bet
secs. 1 and 2.

40.00 After diligent search I
am unable to find any
trace of 1/4 sec. cor.
Set temp 1/4 sec. cor.

49.00 Spur bears S. W.

59.00 Ascend steep slope.

61.00 Mouth of cave 20 ft. high.
It being impossible to
proceed further on this
line I return to a

Tp. 17 N. R. 5 E.

point 5 chs. S. of temp 1/4 sec. cor., and offset S. 89° 41' E. 35.00 chs. thence N. 0° 01 W.

43.45 Intersect N. bdy. Tp. 35.21 chs. S. 89° 41' E. of N. E. to secs 1, 2, 35 and 36.

I now return to temp. 1/4 sec. cor. and at a point 17 1/2 lks. N. of same I establish 1/4 sec. cor. as follows.

Set a sandstone 36 x 6 x 5 ins. in a md. of stone for 1/4 sec. cor. marked 1/4 on N. face from which.

A cedar 12 ins. diam. bears N. 80° E. 57 lks. dist. marked 1/4 S. 1 B. T.

A cedar 10 ins. diam. bears

Subdivisions of

N. 60° W. 43 lks. dist.
Marked 1/4 S. 2 B. T.
Thence I run.
S. 0°15' E. on a true line
bet. secs. 1 and 2.

0.50 Head of draw course S.E. ascend
31.00 Rocky ridge bears E and W.
33.00 Descend S.W. slope.
40.00 The cor. of secs. 1, 2, 11, and 12.

Land mountainous 69.45 chs.
Land rolling 9.00 chs
Dense cedar and brush 78.00 chs
Soil rocky. 4th rate.

Oct. 12th 1902

Tp. 17 N. R. 5 E.

Oct. 13th, 1902. At 8 a.m., I m.t. I set off 7°32' S. on the decl. arc, 34°52 N., on the lat. arc, and determine a true meridian with the solar at the cor. of secs, 2, 3, 10 and 11.

Thence I run. N. 0.01 W on a random line bet secs. 2 and 3. Over mountainous land. Through scattering cedars and brush

2.50 Foot of bluff, ascend.

3.00 Top of bluff, 100 ft. high. bears E and W.

10.00 Proceed along N. slope of Capitol Butte.

30.00 Foot of bluff 600 ft. high Ascend.

40.00 Set temp 1/4 sec. cor.

Subdivisions of

45.00 Top of bluff of Capitol Butte. bears N. 10° W. and S. E.

As I could proceed no further on this line I return to a point 2.00 chs. S. of the temp. 1/4 sec. cor., and offset N. 89° 41' W. 25.00 chs. Thence I run N. 0° 01' W. and at

41.11 Intersect N. bdy. of Tp. 15.45 chs. S. 89° 41' E. of the 1/4 sec. cor. on the N. bdy. Sec. 3. which makes the true course and distance of line bet. secs. 2 and 3 S. 0° 13' E. 79.11 chs.

I now return to the temp 1/4 sec. cor. and at a point 15 lks. W.

of same I establish the
1/4 sec. cor. as follows.
Set a sandstone 24 x 10 x 5 ins.
in a md. of stone for 1/4 sec.
cor. marked 1/4 on W. face
and build a md. of stone
3 ft base. 1½ ft. high W. of cor.
Pits unpracticable.
Thence I run.
S. 0° 12' E. on a true line
Descending.

10.00 Foot of bluff. 600 ft. high
bears E. and W.

37.00 Edge of bluff 100 ft. high
bears E and W. Descend.
abruptly.

37.50 Foot of bluff.

40.00 The cor. of secs. 2, 3, 10 and 11.
Land mountainous 79.11 Chs.

Subdivisions of

Dense cedars, pinions and oak brush 79.11 chs.

N. 1/2 sec 3 and 4

40.00 1/4 sec. cor. as described by the Surveyor General bears N. 10 lks, which makes the bearing and length of this 1/2 mile N. 0°09' W. 40.00 chs.

Thence I run North.

39.70 Cor. of secs 3 and 4 bears N. 11 lks. which makes the bearing and length of this 1/2 mile N. 0°09' W 39.70 chs

Land mountainous 79.70 chs.

Dense cedars & brush 79.70 chs

Soil rocky, 4th rate.

Oct. 13th 1902

General Description.

The portion of this township included in the foregoing field notes are extremely rough and mountainous, containing sandstone buttes with such rugged sides as to make it very difficult and dangerous for the persons attempting their ascent or descent.

The township is largely covered with dense cedars and pinions, and oak and manzanita brush.

There is no living water on the portions within my contract, though Oak Creek flows in a southwesterly direction across the southern

part.

There are no settlers on the sections comprised within the above survey.

W. Oscar Lecor.
U. S. Deputy Surveyor.

RSE.	DISTANCE.	LATITUDES. NORTH.	SOUTH.	EAST
S 89°41' E	47765		263	47
South	7830		7830	
West	8000			
S 89°55' W	8032		12	
S 89°57' W	8052		07	
N 89°57' W	7998	07		
S 89°55' W	4002		06	
S 89°56' W	3825		05	
N 88°57' W	3996	73		
N 89°00' W	3845	67		
North	8000	8000		
		8147	8123	47
Error in lat.		8123 / 24	Error in Dep.	7 / 7
East	7996			7
N 4°08' W	8073	8050		
N 1°18' E	4098	4097		
N 1°17' E	3984	3983		
West	7701			
S 3°8' E	4016		4010	
S 1°14' W	4112		4112	
South	8000		8000	
		16130	16122	8
Error in lat.		16122 / 08	Error in dep.	8

BOOK 51.

BOOK 241

50A

STANCE.	LATITUDES. NORTH.	LATITUDES. SOUTH.	DEPARTURES. EAST.	DEPARTURES. WEST.
7765		263	47765	
7830		7830		
8000				8000
8032		12		8032
8052		07		8052
7998	07			7998
4002		06		4002
3825		05		3825
3996	73			3996
3845	67			3845
8000	8000			
	8147	8123	47765	47750
w in lat.	8123	Error in Dep.	47750	15
	24		15	
7996			7996	
8073	8050			581
4098	4097		93	
3984	3983		89	
7701				7701
4016		4010	220	
4112		4112		89
8000		8000		
	16130	16122	5398	8371
w in lat.	16122	Error in dep.	8371	
	08		27	

For final oaths prior to Jan 1st 1904, see subs. T. 19 N R 6 E. After Jan. 1st 1904, see subs T 18 N. R 6 E.

Errs

BOOK 52
241

A P P R O V A L.

Office of the

United States Surveyor-General,

Phoenix, Arizona.

May 10-1904

The foregoing field notes of the survey of and resurvey of the subdivisional lines of T 17 N R 5 E.

of the Gila and Salt River Base and Meridian, in the Territory of Arizona.

Executed by W. Oscar Lucas

United States Deputy Surveyor, under his contract No. 102, dated June 30 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 Arnold

U.S. Surveyor-General.