

2258

Book C BOOK 2258

129
1

Accepted May 31, 1912

FIELD NOTES

2258

OF THE SURVEY OF THE

North Boundaries of T 7 N. R. 8th 9 W

2258

2258

Of the *G. and S. R.* Meridian,

In the State of ^{Terr.} *Arizona*

EXECUTED BY

Alfred N. Oliver

In the capacity of U. S. ^{Assistant} Surveyor, under instructions dated *August 25*, 1910, issued by the United States Surveyor General to govern surveys included in Group No. *4*, which were approved by the Commissioner of the General Land Office, *September 9*, 1910, pursuant to authority contained in the Act of Congress dated *June 25*, 1910. *And March 4, 1911*

Survey commenced *February 13*, 1911

Survey completed *March 23*, 1911

6-151

2258

2258

BOOK 2258

INDEX DIAGRAM.

Township 7 N, Range 9 W.

1	7	2	2	2	3
6	5	4	3	2	1
7	8	9	10	11	12
18	17	16	15	14	13
19	20	21	22	23	24
30	29	28	27	26	25
31	32	33	34	35	36

BOOK 2258

INDEX DIAGRAM.

Township 7 N., Range SW.

4 6	4 5	5 4	5 3	5 2	6 1
7	8	9	10	11	12
18	17	16	15	14	13
19	20	21	22	23	24
30	29	28	27	26	25
31	32	33	34	35	36

Meanders Page

PRELIMINARY OATHS OF ASSISTANTS.

WE, R. A. Coombs and W. D. Panzer

do solemnly swear that we will well and faithfully execute the duties of chainmen; that we will level the chain upon even and uneven ground, and plumb the tally pins, either by sticking or dropping the same; that we will report the true distances to all notable objects, and the true lengths of all lines that we assist in measuring, to the best of our skill and ability, and in accordance with instructions given us, in the survey of the north boundaries of Tps. 7 N. Rgs. 8 and 9 W.

R. A. Coombs, Chainman.
W. D. Panzer, Chainman.

Subscribed and sworn to before me this 9th
day of February, 1911



Alfred N. Oliver
U.S. Transitman

WE, J. R. P. Bates and

do solemnly swear that we will well and truly perform the duties of moundmen in the establishment of corners, according to the instructions given us, to the best of our skill and ability, in the survey of the north boundaries of Tps. 7 N. Rgs. 8 and 9 W.

J. R. P. Bates, Moundman.
Moundman.

Subscribed and sworn to before me this 9th
day of February, 1911



Alfred N. Oliver
U.S. Transitman

WE, J. C. S. Crowen and

do solemnly swear that we will well and truly perform the duties of axmen in the establishment of corners and other duties, according to instructions given us, to the best of our skill and ability, in the survey of the north boundaries of Tps. 7 N. Rgs. 8 and 9 W.

J. C. S. Crowen, Axman.
Axman.

Subscribed and sworn to before me this 9th
day of February, 1911



Alfred N. Oliver
U.S. Transitman

I, P. Shimpfessel, do solemnly swear that I will well and truly perform the duties of flagman according to instructions given me, to the best of my skill and ability, in the survey of the north boundaries of Tps. 7 N. Rgs. 8 and 9 W.

P. Shimpfessel, Flagman.

Subscribed and sworn to before me this 9th
day of February, 1911



Alfred N. Oliver
U.S. Transitman

Chains.

For check and description of instrument, see Book A.

February 10:

I commence at the corner of Tps. 7 and 8 N., Rgs. 8 and 9 W., heretofore described in Book "A."

Thence I run,

West, on a random line, along the N.bdy. of Tp. 7 N., Rg. 9 W., between secs. 1 and 36, and 2 and 35, setting temporary $\frac{1}{4}$ sec. and sec. cors. at intervals of 40.00 chs.

February 10, 1911.

February 13: At 8h.00m.a.m., l.m.t., I set off $33^{\circ}59'N$. on the lat.arc; $13^{\circ}32\frac{1}{2}'S$. on the decl.arc; and determine a meridian at the temp. corner of secs. 2, 3, 34 and 35.

Thence I run,

West, on a random line along the north boundary of Tp. 7 N., R. 9 W., setting temporary $\frac{1}{4}$ sec. and section corners at intervals of 40.00 chs.; and at 478.70 chs., intersect the west boundary of the township, 56 lks. south of the corner of Tps. 7 and 8 N., Rs. 9 and 10 W. The falling answers to a correction of $0^{\circ}04'$ or 9 1-3 lks. south per mile counting from the NW. corner of the township.

February 13, 1911.

February 14: At 8h.00m.a.m., l.m.t., I set off $33^{\circ}59'N$. on the lat.arc; $13^{\circ}12\frac{1}{2}'S$. on the decl.arc; and determine a meridian with the solar at the corner of Tps. 7 and 8 N., Rs. 9 and 10 W.

Thence I run,

$S.89^{\circ}56'E$, on a true line, between secs. 6 and 31.

Over level land, through dense brush.

38.70 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground for $\frac{1}{4}$ sec.cor., marked on brass cap $\frac{1}{4}$ S 31 in N. and S 6 in S.half; dig pits $18 \times 18 \times 12$ ins. E. and W. of post 3 ft. dist., and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, N. of corner.

78.70 Set an iron post 3 ft. long, 3 ins. diam., 24 ins. in the ground for cor. of secs. 5, 6, 31 and 32, marked on brass cap,

T 8 N in N.,

T 7 N in S., and

R 9 W in W.half;

S 31 in NW.,

S 32 in NE.,

S 5 in SE., and

S 6 in SW. quadrants; dig pits $18 \times 18 \times 12$ ins. in each sec. $5\frac{1}{2}$ ft. dist., and raise a mound of earth 4 ft. base, 2 ft. high, W. of corner.

Land, level.

Soil, sandy loam, dry, medium texture; 1st rate.

No timber.

Undergrowth, greasewood and cacti.

$S.89^{\circ}56'E$, between secs. 5 and 32.

Over level land, through dense brush.

40.00 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground for $\frac{1}{4}$ sec.cor., marked on brass cap $\frac{1}{4}$ S 32 in N. and S 5 in S.half; dig pits $18 \times 18 \times 12$ ins. E. and W. of post, 3 ft. dist., and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, N. of corner.

80.00 Set an iron post 3 ft. long, 3 ins. diam., 24 ins. in the ground for cor. of secs. 4, 5, 32 and 33, marked on

2. North boundary of Township 7 North, Range 9 West.

Chains.

brass cap,
 T 8 N in N.,
 T 7 N in S., and
 R 9 W in W.half;
 S 32 in NW.,
 S 33 in NE.,
 S 4 in SE., and
 S 5 in SW. quadrants; dig pits 18x18x12 ins. in
 each sec. 5½ ft. dist., and raise a mound of earth
 4 ft. base, 2 ft. high, W. of corner.

Land, level.
 Soil, sandy loam, dry, medium texture; 1st rate.
 No timber.
 Undergrowth, greasewood and cacti.

40.00

S. 89°56'E., bet. secs. 4 and 33.
 Over level land, through dense brush.
 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in
 the ground for ¼ sec. cor., marked on brass cap ¼ S
 33 in N., and S 4 in S.half; dig pits 18x18x12 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 an iron post 3 ft. long, 3 ins. diam., 24 ins. in the
 ground for corner of secs. 3, 4, 33 and 34, marked on
 brass cap,
 T 8 N in N.,
 T 7 N in S.,
 R 9 W in W.half,
 S 33 in NW.,
 S 34 in NE.,
 S 3 in SE., and
 S 4 in SW. quadrant; dig pits 18x18x12 ins. in
 each sec. 5½ ft. dist., and raise a mound of earth
 4 ft. base, 2 ft. high, W. of corner.

Land, level.
 Soil, sandy loam, rich, dry, medium texture; 1st rate.
 No timber.
 Undergrowth, greasewood and cacti.
 February 14: At this corner I set off 13°10'S. on the
 decl. arc; and observe the sun on the meridian at
 noon; the resulting lat. is 33°59'N.

40.00

S. 89°56'E. bet. secs. 3 and 34.
 Over level land, through dense brush.
 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in
 the ground for ¼ sec. cor., marked on brass cap ¼ S
 34 in N. and S 3 in S.half; dig pits 18x18x12 ins.
 E. and W. of post, 3 ft. dist., and raise a mound of
 earth 3½ ft. base, 1½ ft. high, N. of cor.

72.69

Cross road, bears NW. and SE.

80.00

Set an iron post 3 ft. long, 3 ins. diam., 24 ins. in
 the ground for cor. of secs. 2, 3, 34 and 35, marked on
 brass cap,
 T 8 N in N.,
 T 7 N in S., and
 R 9 W in W.half;
 S 34 in NW.,
 S 35 in NE.,
 S 2 in SE., and
 S 3 in SW. quadrant; dig pits 18x18x12 ins. in
 each sec. 5½ ft. dist., and raise a mound of earth 4
 ft. base, 2 ft. high, W. of corner.

Land, level.
 Soil, rich sandy loam, dry, medium texture; 1st rate.
 No timber.

North boundary of Township 7 North, Range 9 West.

Chains.

Undergrowth, greasewood and mesquite.

S.89°56'E. bet. secs.2 and 35.

Over level land, through dense brush.

40.00 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground for $\frac{1}{4}$ sec.cor., marked on brass cap $\frac{1}{4}$ S 35 in N. and S 2 in S.half; dig pits 18x18x12 ins.E.and W.of post, 3 ft. dist., and raise a mound of earth 3 $\frac{1}{2}$ ft.base, 1 $\frac{1}{2}$ ft. high,N.of corner.

80.00 Set an iron post 3 ft. long, 3 ins. diam., 24 ins. in the ground, for corner of secs.1,2,35 and 36, marked on brass cap,

- T 8 N in N.,
- T 7 N in S., and
- R 9 W in W.half;
- S 35 in NW.,
- S 36 in NE.,
- S 1 in SE., and
- S 2 in SW. quadrants;

dig pits 18x18x12 ins. in each sec.5 $\frac{1}{2}$ ft. dist., and raise a mound of earth 4 ft.base, 2 ft.high,W.of corner.

Land,level.

Soil, rich sandy loam, dry,medium texture; 1st rate.

No timber.

Undergrowth, greasewood and catclaw.

S.89°56'E. between secs.1 and 36.

Over level land, through dense brush.

40.00 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground for $\frac{1}{4}$ sec.cor., marked on brass cap $\frac{1}{4}$ S 36 in N. and S 1 in S.half; dig pits 18x18x12 ins.E.and W.of post 3 ft. dist., and raise a mound of earth 3 $\frac{1}{2}$ ft.base, 1 $\frac{1}{2}$ ft. high,N.of corner.

61.20 Cross road, bears NE.and SW.

80.00 The corner of townships 7 and 8 N., Rs.8 and 9 W.

Land,level.

Soil, sandy loam, rich, dry, medium texture; 1st rate.

No timber.

Undergrowth, greasewood and cacti.

February 14,1911.

North boundary of Township 7 North, Range 8 West.

February 21:

I commence at the corner of Tps.7 and 8 N.Rs.7 and 8 W.

Thence I run,

West on a random line, along the N. bdy.of Township 7 N.,

R. 8 West, between secs.1 and 36, setting temporary $\frac{1}{4}$ sec.and sec.cors. at intervals of 40.00 chs.

February 21, 1911.

February 22: At 8h.00m., a.m., l.m.t., I set off 33°59'N.

on the lat.arc; 10°24 $\frac{1}{2}$ 'S.on the decl.arc; and determine a meridian with the solar at the temporary corner of secs.1,2,35 and 36.

Thence I run,

4. North Boundary of Township 7 North, Range 8 West.

Chains.

West on a random line, along the N.bdy. of T.7 N., R.8 W., setting temporary $\frac{1}{4}$ section and section corners at intervals of 40.00 chs., and at 478.13 chs., intersect the 2nd. Guide Meridian West, 14 lks. N. of the corner of Tps. 7 and 8 N., Rs. 8 and 9 W. The falling answers to a correction of $0^{\circ}01'$ or 2 1-3 lks. N. per mile counting from the NW. cor. of the township.
February 22, 1911.

February 23:

N. $89^{\circ}59'E.$, bet. secs. 6 and 31, marking and blazing true line.

Over level land, through dense brush.

38.13 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground for $\frac{1}{4}$ sec. cor., marked on brass cap $\frac{1}{4}$ S 31 in N. and S 6 in S. half; dig pits 18x18x12 ins., E. and W. of post 3 ft. dist., and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, N. of corner.

78.13 Set an iron post 3 ft. long, 3 ins. diam., 24 ins. in the ground for cor. of secs. 5, 6, 31 and 32. marked on brass cap,
T 8 N in N.,
T 7 N in S., and
R 8 W in W. half;
S 31 in NW.,
S 32 in NE.,
S 5 in SE., and
S 6 in SW. quadrants; and dig pits 18x18x12 ins., in each sec. $5\frac{1}{2}$ ft. dist., and raise a mound of earth 4 ft. base, 2 ft. high, W. of corner.

Land, level.

Soil, sandy loam, rich, dry, medium texture; 1st rate.

No timber.

Undergrowth, greasewood and catclaw.

N. $89^{\circ}59'E.$, between secs. 5 and 32.

Over level land, through dense brush.

40.00 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground for $\frac{1}{4}$ sec. cor., marked on brass cap, $\frac{1}{4}$ S 32 in N. and S 5 in S. half; dig pits 18x18x12 ins. E. and W. of post 3 ft. dist., and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, N. of corner.

80.00 Set an iron post 3 ft. long, 3 ins. diam., 24 ins. in the ground for corner of secs. 4, 5, 32 and 33, marked on brass cap,

T 8 N in N.,
T 7 N in S.,
R 8 W in W. half;
S 32 in NW.,
S 33 in NE.,
S 4 in SE., and

S 5 in SW. quadrant; dig pits 18x18x12 ins. in each sec. $5\frac{1}{2}$ ft. dist., and raise a mound of earth 4 ft. base, 2 ft. high, W. of corner.

Land, level.

Soil, sandy loam; rich, dry, medium texture; 1st rate.

No timber.

Undergrowth, greasewood and catclaw.

N. $89^{\circ}59'E.$, between secs. 4 and 33.

Over level land, through dense brush.

40.00 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in

North Boundary of Township 7 North, Range 8 West.

5.

Chains.

- the ground for $\frac{1}{4}$ sec.cor., marked on brass cap $\frac{1}{4}$ S 33 in N. and S 4 in S.half; dig pits 18x18x12 ins. E.and W.of stone 3 ft. dist., and raise a mound of earth $4\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high,N.of corner.
- 80.00 Set an iron post 3 ft. long, 3 ins.diam., 24 ins. in the ground for corner of secs.3,4,33 and 34, marked on brass cap,
 T 8 N in N.;
 T 7 N in S.,
 R 8 W in W.half;
 S 33 in NW.,
 S 34 in NE.,
 S 3 in SE., and
 S 4 in SW. quadrant; dig pits 18x18x12 ins.in each sec. $5\frac{1}{2}$ ft. dist., and raise a mound of earth 4 ft. base, 2 ft. high,W.of corner.
- Land,level.
 Soil, sandy loam, rich, dry, medium texture; 1st rate.
 No timber.
 Undergrowth, greasewood and catclaw.
 February 23: At this corner I set off $10^{\circ}00'S$.on the decl.arc; and observe the sun on the meridian at noon; the resulting latitude is $33^{\circ}59'N$.

- N. $89^{\circ}59'E$., bet. secs.3 and 34.
 Over level land,through dense brush.
- 40.00 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground for $\frac{1}{4}$ sec.cor., marked on brass cap $\frac{1}{4}$ S 34 in N.and S 3 in S.half; dig pits 18x18x12 ins.E.and W.of post 3 ft. dist., and raise a mound of earth $3\frac{1}{2}$ ft.base, $1\frac{1}{2}$ ft. high, N.of corner.
- 45.60 Cross wash, 15 lks.wide, course S.
 59.00 Cross wash, 15 lks.wide, course S.
 69.00 Ascend steep rocky ridge.
 75.20 Top ridge bears N.and S.; descend.
 80:00 Set an iron post 3 ft. long, 3 ins.diam., 24 ins. in the ground for corner of secs.2,3, 34 and 35, marked on brass cap,
 T 8 N in N.,
 T 7 N in S.,
 R 8 W in W.half;
 S 34 in NW.,
 S 35 in NE.,
 S 2 in SE., and
 S 3 in SW.quadrants; and raise a mound of stone 2 ft base, $1\frac{1}{2}$ ft. high,W.of corner. Pits impracticable.
- Land,level and mountainous.
 Soil, west half mile, rich sandy loam, dry,medium texture; 1st rate; E.half mile, rocky, 4th rate.
 No timber.
 Undergrowth, greasewood, mesquite,palo verde.

- N. $89^{\circ}59'E$., bet. secs.2 and 35.
 Descending through dense brush.
- 2.60 Cross wash, 15 lks.wide, course S., and along S,slope of mountains.
 27.82 Cross wash,10 lks.wide, course S.
 35.00 Cross wash,10 lks.wide, course S.
 40.00 Set an iron post 3 ft.long, 1 in. diam., 26 ins. in the ground for $\frac{1}{4}$ sec.cor., marked on brass cap $\frac{1}{4}$ S 35 in N. and S 2 in S.half; from which,
 A palo verde 7 ins.diam., bears S. $15\frac{1}{4}^{\circ}W$., 85 lks. dist., marked $\frac{1}{4}$ S 2 B T.

6. North Boundary of Township 7 North, Range 8 West.

Chs.

No other tree available. Raise a mound of stone 2 ft. base, 1½ ft. high, N. of corner. Pits impracticable.

46.35 Cross wash, 15 lks. wide, course S.

50.28 Cross wash, 20 lks. wide, course S.

71.20 Cross wash, 15 lks. wide, course S., and ascend.

76.40 Ridge bears N. and S.; descend.

80.00 Set an iron post 3 ft. long, 3 ins. diam., 24 ins. in the ground for cor. of secs. 1, 2, 35 and 36, marked on brass cap,
 T 8 N in N.,
 T 7 N in S.,
 R 8 W in W. half;
 S 35 in NW.,
 S 36 in NE.,
 S 1 in SE., and
 S 2 in SW. quadrants; and raise a mound of stone 2 ft. base, 1½ ft. high, W. of corner. Pits impracticable.

Land, mountainous.
 Soil, rocky; 4th rate.
 No timber.
 Undergrowth, greasewood, mesquite, palo verde.

N. 89° 59' E. bet. secs. 1 and 36.
 Descending through dense brush.

14.00 Over level land.

33.46 Cross old road bears NE. and SW.

40.00 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground for ¼ sec. cor., marked on brass cap ¼ S 36 in N. and S 1 in S. half; dig pits 18x18x12 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 The cor. of Tps. 7 and 8 N., Rs. 7 and 8 W.
 Land, level and mountainous.
 Soil, 1st chs., 14.00 chs., rocky, 4th rate. East 66.00 chs. rich sandy loam, dry, medium texture, 1st rate.
 No timber.
 Undergrowth, greasewood, mesquite and palo verde.

February 23, 1911.

Alfred N. Clark
 U.S. Transitman.

For General Description, see Book B.

LIST OF NAMES.

BOOK 2258

A list of the names of the individuals employed by Alfred N. Oliver
Transitman, United States ~~Deputy~~ Surveyor, to assist in running, measuring, and marking the lines and corners described in the foregoing field notes of the survey of the north boundaries of Tps. 7 N. Rgs. 8 and 9 W. showing the respective capacities in which they acted:

- R. A. Coombs Chairman.
- W. D. Panner Chairman.
- L. P. Bates Moundman.
- Moundman.
- C. J. Crowen Axman.
- Axman.
- P. Shimpfessel Flagman.

FINAL OATH OF ASSISTANTS.

We hereby certify that we assisted Alfred N. Oliver
Transitman, United States ~~Deputy~~ Surveyor, in surveying all those parts or portions of the north boundaries of Tps. 7 N. Rgs. 8 and 9 W.

..... of the Gila and Salt River meridian, Territory of Arizona, which 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

- R. A. Coombs Chairman.
- W. D. Panner Chairman.
- L. P. Bates Moundman.
- Moundman.
- C. J. Crowen Axman.
- Axman.
- P. Shimpfessel Flagman.

Subscribed and sworn to before me this 23rd day of February, 1911

Alfred N. Oliver
U.S. Transitman



1408
2258

FINAL OATH OF UNITED STATES ~~DEPUTY~~ SURVEYOR.

I, Alfred N. Oliver ^{Transitman} United States Deputy Surveyor, do solemnly swear that, in pursuance of ^{instructions} a contract received from Frank D. Ingalls United States Surveyor General for Arizona, bearing date of the 25th day of August, 1910, 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 north boundaries of Tps. 7 N. Rgs. 8 and 9 W.

of the Gila and Salt River meridian, in the Territory of Arizona, which 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 survey have been established and perpetuated in strict accordance with the Manual of Surveying Instructions, and the special written instructions of the United States Surveyor General for Arizona and in the specific manner described in the field notes, and that the foregoing are the original field notes of such survey.

Alfred N. Oliver
United States Deputy Surveyor.
Transitman

Subscribed by said Alfred N. Oliver, and sworn to before me }
this 2nd day of January, 1912

Frank D. Ingalls
U.S. Surveyor General



APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL.

Phoenix, Ariz., Jan. 4, 1912

The foregoing field notes of the survey of the North Boundaries of Tps. 7 N. Rgs. 8 and 9 W. G. M. & R. Meridian, Arizona

executed by Alfred N. Oliver ^{U.S. Transitman}
under his ^{group} contract No. 4, dated August 25, 1910, having been critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved.

United States Surveyor General.

I certify that the foregoing transcript of the field notes of the above-described surveys in _____, has been correctly copied from the original notes on file in this office.

United States Surveyor General.