

2267

Book L.

2267

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Accepted May 31-1912

# FIELD NOTES

BOOK 2267

OF THE SURVEY OF THE

*Fragmentary Subdivision of T. 11 N. R. 17 W.*

2267

2267

Of the *G and S R* Meridian,

In the <sup>State</sup> of *Arizona*

EXECUTED BY

*John D. Hesse and*

*Alfred H. Oliver*

In the capacity of U. S. ~~Surveyor~~ <sup>Inspection</sup>, 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 <sup>and March 4, 1911</sup>

Survey commenced *March 24*, 1911

Survey completed *28*, 1911

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# INDEX DIAGRAM.

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BOOK 2267

# INDEX DIAGRAM.

Township 11 N, Range 12 W

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BOOK 2267

PRELIMINARY OATHS OF ASSISTANTS.

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

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 subdivision lines of frac'l. Pp. 11 N. Rg. 12 W.

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

Subscribed and sworn to before me this 24<sup>th</sup> day of March, 1911



Alfred N. Oliver  
U. S. Transitman

WE, J. Clay Rodson 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 subdivision lines of frac'l. Pp. 11 N. Rg. 12 W.

J. Clay Rodson, Moundman.  
Moundman.

Subscribed and sworn to before me this 24<sup>th</sup> day of March, 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 subdivision lines of frac'l. Pp. 11 N. Rg. 12 W.

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

Subscribed and sworn to before me this 24<sup>th</sup> day of March, 1911



Alfred N. Oliver  
U. S. Transitman

I, Pom. 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 subdivision lines of frac'l. Pp. 11 N. Rg. 12 W.

Pom. Shimpfessel Flagman.

Subscribed and sworn to before me this 24<sup>th</sup> day of March, 1911



Alfred N. Oliver  
U. S. Transitman

# INDEX DIAGRAM.

Township \_\_\_\_\_, Range \_\_\_\_\_

6	5	4	3	2	1
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BOOK 2267

PRELIMINARY OATHS OF ASSISTANTS.

WE, A. E. Lyon and J. N. Bates  
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 subdivision lines of frac'l. Tp. 11 N. Rg. 12 W.

A. E. Lyon, Chainman.  
J. N. Bates, Chainman.

Subscribed and sworn to before me this 25<sup>th</sup>  
day of March, 1911



John P. Hesse  
U. S. Surveyor

WE, J. R. L. 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 subdivision lines of frac'l. Tp. 11 N. Rg. 12 W.

J. R. L. Bates, Moundman.  
\_\_\_\_\_, Moundman.

Subscribed and sworn to before me this 25<sup>th</sup>  
day of March, 1911



John P. Hesse  
U. S. Surveyor

WE, Ed. Brockway and J. P. Ellis  
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 subdivision lines of frac'l. Tp. 11 N. Rg. 12 W.

Ed. Brockway, Axman.  
J. P. Ellis, Axman.

Subscribed and sworn to before me this 25<sup>th</sup>  
day of March, 1911



John P. Hesse  
U. S. Surveyor

I, L. E. Planagan, 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 subdivision lines of frac'l. Tp. 11 N. Rg. 12 W.

L. E. Planagan, Flagman.

Subscribed and sworn to before me this 25<sup>th</sup>  
day of March, 1911



John P. Hesse  
U. S. Surveyor

Chains.

For check and description of instrument see Book H.

Survey commenced March 24, 1911, at the corner of secs. 5, 6, 31 and 32, on the south boundary, heretofore described in Book K.

N.0°03'W., between secs. 31 and 32.

Over rolling land through dense brush.

- 1.00 Wash, 5 chs. wide, course NE., and along in same to  
 5.00 Leave wash, course NE.  
 38.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground for witness  $\frac{1}{4}$  sec. cor., marked on brass cap W C  $\frac{1}{4}$  in N. half; S 31 in SW., and S 32 in SE. quadrant; and raise a mound of stone 2 ft. base, 1 $\frac{1}{2}$  ft. high, W. of corner. Pits impracticable.  
 38.20 Wash, 80 lks. wide, course NE., and along in same.  
 40.00 Point for  $\frac{1}{4}$  sec. cor. falls in wash.  
 63.00 Leave wash, course N.  
 68.00 Cross wash, 10 lks. wide, course SW.  
 77.21 Cross road, bears NW. and SE.  
 80.00 Set an iron post 3 ft. long, 2 ins. diam., 24 ins. in the ground for cor. of secs. 29, 30, 31 and 32, marked on brass cap,  
 T 11 N R 12 W in N. half;  
 S 30 in NW.,  
 S 29 in NE.,  
 S 32 in SE., and  
 S 31 in SW. quadrant; and raise a mound of stone 2 ft. base, 1 $\frac{1}{2}$  ft. high, W. of corner. Pits impracticable.  
 Land, rolling.  
 Soil, rocky and gravelly; 3rd rate.  
 No timber.  
 Undergrowth, greasewood and catclaw.

- West on a random line bet. secs. 30 and 31.  
 40.00 Set temp.  $\frac{1}{4}$  sec. cor.  
 78.95 Intersect W. bdy. of Tp. 8 lks. S. of the corner of secs. 25, 30, 31 and 36.  
 Thence I run,  
 S. 89°57'E., on a true line, bet. secs. 30 and 31.  
 Over rolling land, through dense brush.  
 11.00 Cross wash, 100 lks. wide, course SW.  
 18.00 Cross wash, 10 lks. wide, course SW.  
 34.15 Cross wash, 10 lks. wide, course SW.  
 38.95 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 30 in N., and S 31 in S. half; and raise a mound of stone 2 ft. base, 1 $\frac{1}{2}$  ft. high, N. of cor. Pits impracticable.  
 43.25 Cross road, bears NE. and SW.  
 46.00 Cross wash, 15 lks. wide, course SW.  
 47.74 Cross road, bears NW. and SE.  
 68.83 Cross road, bears NE. and SW.  
 72.58 Cross road, bears NW. and SE.  
 78.95 The cor. of secs. 29, 30, 31 and 32.  
 Land, rolling.  
 Soil, gravelly, sandy and rocky; 3rd rate.  
 No timber.  
 Undergrowth, greasewood, palo verde and cacti.  
 March 24: At this cor. I set off 1°13 $\frac{1}{2}$ ' N. on the decl. arc; and observe the sun on the meridian at noon; the resulting lat. is 34°15 $\frac{1}{2}$ ' N.

N.0°03'W. bet. secs. 29 and 30.

Over rolling land, through dense brush.

2. Subdivision of Township 11 North, Range 12 West.

Chains.

- 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 30 in W., and S 29 in E. half; from which,
  - A palo verde, 6 ins.diam., bears S.22 $\frac{3}{4}$ °E., 39 lks. dist., marked  $\frac{1}{4}$  S 29 B T.
  - A palo verde, 5 ins.diam., bears N.71°W., 133 lks. dist., marked  $\frac{1}{4}$  S 30 B T.
- 80.00 Set an iron post 3 ft. long, 2 ins. diam., 24 ins. in the ground for corner of secs.19,20,29 and 30, marked on brass cap,
  - T 11 N R 12 W in N.half;
  - S 19 in NW.,
  - S 20 in NE.,
  - S 29 in SE., and
  - S 30 in SW. quadrant; from which,
  - A palo verde 4 ins.diam., bears N.50°W., 113 lks.dist., marked T 11 N R 12 W S 19 B T.
  - A palo verde 6 ins.diam., bears N.30 $\frac{1}{2}$ °E., 92 lks. dist., marked T 11 N R 12 W S 20 B T.
  - A palo verde 7 ins.diam., bears S.84 $\frac{3}{4}$ °E., 27 lks. dist., marked T 11 N R 12 W S 29 B T.
  - A palo verde 8 ins.diam., bears S.32 $\frac{1}{4}$ °W., 37 lks. dist., marked T 11 N R 12 W S 30 B T.

Land, rolling.  
 Soil, gravelly and rocky, 3rd rate.  
 No timber.  
 Undergrowth, greasewood, palo verde and mesquite.

- N.89°57'W. on a random line, bet. secs.19 and 30.
- 40.00 Set temp.  $\frac{1}{4}$  sec.cor.
- 78.90 Intersect W. bdy.of Tp. 5 lks.N. of the corner of secs.19, 24, 25 and 30.
- Thence I run,
- S.89°59'E., on a true line, bet. secs.19 and 30.
- Over rolling land, through dense brush.
- 38.90 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 19 in N., and S 30 in S.half; and raise a mound of stone 2 ft.base, 1 $\frac{1}{2}$  ft. high, N.of corner. Pits impracticable.
- From this corner J.B.Tappan's house bears N.35°W.
- 78.90 The corner of secs.19,20,29 and 30.
- Land, rolling.
- Soil, gravelly and rocky; 3rd rate.
- No timber.
- Undergrowth, greasewood, palo verde and mesquite.

March 24, 1911.

- March 25: At 7h.00m.a.m., 1.m.t., I set off 34°16 $\frac{1}{2}$ 'N.on the lat.arc; 1°33 $\frac{1}{2}$ 'N. on the decl.arc; and determine a meridian with the solar at the corner of secs.19,20, 29 and 30.
- Thence I run,
- N.0°03'W., bet. secs.19 and 20.
- Over rolling 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 19 in W., and S 20 in E.half; and raise a mound of stone 2 ft.base, 1 $\frac{1}{2}$  ft. high,W.of cor. Pits impracticable.
- 80.00 Set an iron post 3 ft. long, 2 ins. diam., 24 ins. in the ground for corner of secs.17,18,19 and 20, marked on brass cap,
  - T 11 N R 12 W in N.half;
  - S 18 in NW.,
  - S 17 in NE.,

Subdivision of Township 11 North Range 12 West.

Chains.

S 20 in SE., and  
 S 19 in SW. quadrant; from which,  
 A mesquite 6 ins. diam., bears N.44½°W., 176 lks.  
 dist., marked T 11 N R 12 W S 18 B T.  
 A mesquite, 5 ins. diam., bears S.12°W., 89 lks.  
 dist., marked T 11 N R 12 W S 19 B T.  
 No other trees available. Raise a mound of stone 2 ft.  
 base, 1½ ft. high, W. of corner. Pits impracticable.  
 Land, rolling.  
 Soil, rocky and gravelly; 3rd rate.  
 No timber.  
 Undergrowth, greasewood, palo verde and mesquite.

N.89°59'W. on a random line, bet. secs.18 and 19.  
 40.00 Set temp. ¼ sec.cor.  
 78.87 Intersect W. bdy.of Tp. 5 lks.N.of the true point for  
 corner of secs.13,18,19 and 24.  
 Thence I run,  
 N.89°59'E., on a true line, bet. secs.18 and 19,  
 Over dry bed of Bill Williams Fork.  
 9.77 Leave river bed and over level land, through dense brush.  
 19.40 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in  
 the ground for witness ¼ sec.cor., marked on brass  
 cap W C ¼ in E.half,  
 S 18 in NW., and  
 S 19 in SW. quadrant; from which,  
 A cottonwood 12 ins. diam., bears N.6¾°W., 36 lks.  
 dist., marked W C ¼ S 18 B T.  
 A cottonwood 18 ins diam., bears S.88¾°W., 37 lks.  
 dist., marked W C ¼ S 19 B T.  
 20.00 Leave high ground, and over dry bed of Bill Williams  
 Fork.  
 37.75 Cross running water in bed of river, 200 lks.wide, 12  
 ins.deep, course SW.  
 65.90 Cross road, bears N.and S.  
 66.90 Left bank of Bill Williams Fork.  
 67.80 Cross wash, 25 lks.wide, course N.  
 70.20 Cross wash, 18 lks.wide, course N.  
 73.80 Cross wash, 10 lks.wide, course N.  
 78.87 The cor.of secs.17,18,19 and 20.  
 Land, level.  
 Soil, sandy, 4th rate.  
 Timber, scattering cottonwoods.  
 Undergrowth, watermote, mesquite and arrowweed.  
 March 25, 1911.

March 27: At 8h.00m.a.m., 1.m.t., I set off 34°17½'N. on  
 the lat.arc; 2°20½'N. on the decl.arc; and determine  
 a meridian with the solar at the cor.of secs.17,18,19  
 and 20.  
 Thence I run,  
 N.0°03'W., bet. secs 17 and 18.  
 Over level land, through dense brush.  
 31.90 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in  
 the ground for witness ¼ sec.cor., marked on brass  
 cap W C ¼ in N.half;  
 S 17 in SE., and  
 S 18 in SW. quadrant; from which,  
 A cottonwood 24 ins.diam., bears N.80¾°W., 91 lks.  
 dist., marked W C ¼ S 18 B T.  
 A mesquite, 8 ins. diam., bears S.64°E., 100 lks.  
 dist., marked W C ¼ S 17 B T.  
 32.75 Cross irrigating ditch 6 lks.wide, course SW.  
 38.65 Left bank of Bill Williams Fork, and over river bed.

4. Subdivision of Township 11 North, Range 12 West.

Chains.

- 40.00 Point for  $\frac{1}{4}$  sec.cor. falls in center of running water in bed of river, 100 lks.wide, 18 ins. deep, course SW.
- 80.00 Point for corner of secs. 7, 8, 17 and 18 falls in bed of river.

Land, level.  
 Soil, sand and gravel; 4th rate.  
 Timber, scattering cottonwoods.  
 Undergrowth, arrowweed, watermote and mesquite.

S.89°59' W. on a random line, bet. secs. 7 and 18, from true point for corner.

- 40.00 Set temp.  $\frac{1}{4}$  sec.cor.
- 78.75 Intersect W. bdy.of Tp.5 lks.S.of the corner of secs.7,12, 13 and 18.

Thence I run,  
 S.89°59'E., bet. secs.7 and 18.  
 Over rolling hilly land, through dense brush.

- 9.80 Cross wash, 35 lks.wide, course S.
- 14.00 Ridge bears NW. and SE.
- 20.00 Cross wash, 200 lks.wide, course S.
- 25.00 Ridge bears NW. and SE.
- 29.00 Cross wash, 25 lks.wide, course SE.
- 31.00 Ridge bears NW. and SE.
- 32.30 Cross wash, 15 lks.wide, course SE,
- 37.00 Ridge bears NW. and SE.
- 38.75 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 7 in N. and S 18 in S.half; from which,  
 A palo verde 6 ins.diam., bears N.16 $\frac{3}{4}$ °E., 58 lks. dist., marked  $\frac{1}{4}$  S 7 B T.  
 A palo verde 5 ins.diam., bears S.10 $\frac{1}{4}$ °W., 48 lks. dist., marked  $\frac{1}{4}$  S 18 B T.

- 46.00 Cross wash, 10 lks.wide, course SE.
- 51.00 Ridge bears NW. and SE.
- 56.00 Right bank of Bill Williams Fork, and over dry bed of river.

- 78.75 The true point for corner of secs. 7, 8, 17 and 18.  
 Land, level.  
 Soil, sandy and rocks; 4th rate.  
 No timber.  
 Undergrowth, greasewood, palo verde and mesquite.  
 March 27: At this corner, I set off 2°24'N.on the decl. arc; and observe the sun on the meridian at noon; the resulting lat.is 34°18'N.

March 28: At 8h.00m.a.m., 1.m.t., I set off 34°18'N.on the lat.arc; 2°44'N.on the decl.arc; and determine a meridian with the solar at the true point for cor.of secs. 7, 8, 17 and 18.

Thence I run,  
 N.0°03'W., bet. secs.7 and 8.  
 Over dry bed of Bill Williams Fork.

- 11.00 Right bank of Bill Williams Fork, in mouth of wash 20 lks.wide bears N., and thence in wash.
- 15.80 Leave wash, bears NW.
- 16.00 Set an iron post 3 ft. long, 2 ins. diam., 24 ins. in the ground for wit.cor.for cor.of secs, 7, 8, 17 and 18, marked on brass cap,  
 W C N of center;  
 T 11 N R 12 W in N.half;  
 S 7 in NW.,  
 S 8 in NE.,  
 S 17 in SE., and  
 S 18 in SW. quadrants; and raise a mound of stone 2 ft.base, 1 $\frac{1}{2}$  ft. high, W.of corner. Pits impracticable.

Subdivision of Township 11 North, Range 12 West.

Chains.  
 16.25 Cross wash, 12 lks. wide, course SE.  
 20.21 Ridge bears NW. and SE.  
 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 7 in W., and S 8 in E. half; and raise a mound of stone 2 ft. base,  $1\frac{1}{2}$  ft. high, W. of corner. Pits impracticable.  
 80.00 Set an iron post 3 ft. long, 2 ins. diam., 24 ins. in the ground for cor. of secs. 5, 6, 7 and 8, marked on brass cap,  
 T 11 N R 12 W in N. half;  
 S 6 in NW.,  
 S 5 in NE.,  
 S 8 in SE., and  
 S 7 in SW. quadrant; and raise a mound of stone 2 ft. base,  $1\frac{1}{2}$  ft. high, W. of corner. Pits impracticable.  
 Land, hilly and level.  
 Soil, sand and rocks; 4th rate.  
 No timber.  
 Undergrowth, greasewood, palo verde and mesquite.

March 28:  
 N. 89° 59' W., on a random line, bet. secs. 6 and 7.  
 40.00 Set temp.  $\frac{1}{4}$  sec. cor.  
 78.70 Intersect W. bdy. of Tp. 7 lks. N. of the corner of secs. 1, 6, 7 and 12.  
 Thence I run,  
 N. 89° 58' E., on a true line, between secs. 6 and 7.  
 Descend steep NE. slope through dense brush.  
 34.55 Cross wash, 100 lks. wide, course SE., and ascend steep SW. slope.  
 38.70 Point for  $\frac{1}{4}$  sec. cor. falls on steep bank, where it can not be permanently established, so at  
 39.40 Set an iron post 3 ft. long, 1 in. diam., 26 ins. in the ground for  $\frac{1}{4}$  sec. cor., marked W C  $\frac{1}{4}$  in E. half; S 6 in NW. and S 7 in SW. quadrant; and raise a mound of stone 2 ft. base,  $1\frac{1}{2}$  ft. high, N. of cor. Pits impracticable.  
 78.70 The cor. of secs. 5, 6, 7 and 8.  
 Land, mountainous.  
 Soil, rocks, 4th rate.  
 No timber.  
 Undergrowth, greasewood, palo verde and mesquite.  
 March 28, 1911.

*Alfred N. Oliver*  
 U.S. Transitman.

March 25:  
 N. 0° 02' W., bet. secs. 32 and 33.  
 Over rolling land, through dense brush.  
 21.60 Wash, 12 lks. wide, course NW.  
 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 32 in W. and S 33 in E. half; dig pits 18x18x12 ins. N and S. of post 3 ft. dist., and raise a mound of earth  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high W. of corner.  
 41.40 Road bears NW. and SE.  
 70.90 Road bears NE. and SW.  
 79.40 Wash, 50 lks. wide, course NW.  
 80.00 Set an iron post 3 ft. long, 2 ins. diam., 24 ins. in the ground for cor. of secs. 28, 29, 32 and 33, marked

## 6. Subdivision of Township 11 North, Range 12 West.

Chains.

on brass cap,  
 T 11 N R 12 W in N. half;  
 S 29 in NW.,  
 S 28 in NE.,  
 S 33 in SE.; and  
 S 32 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, rolling.

Soil, sandy, mixed with gravel and rocks; 2nd rate.

No timber.

Undergrowth, greasewood and palo verde.

March 25: At this cor. I set off 1°37' N. on the decl. arc;  
 and observe the sun on the meridian at noon; the re-  
 sulting lat. is 34° 15½' N.

March 25:

From corner of secs. 29, 30, 31 and 32, I run,  
 East, on a random line, bet. secs. 29 and 32.

40.00 Set temp. ¼ sec. cor.

79.92 Intersect N. and S. line at the corner of secs. 28, 29, 32  
and 33.

Thence I run,

West, on a true line, bet. secs. 29 and 32.

Over rolling hills, through dense brush.

3.00 Wash, 25 lks. wide, course NW.

4.25 Wash, 25 lks. wide, course NW.

10.00 Wash, 6 lks. wide, course NW.

22.50 Wash, 10 lks. wide, course NW.

39.96 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 29  
in N. and S 32 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 corner.

49.40 Wash, 20 lks. wide, course N.

62.25 Wash, 15 lks. wide, course N.

68.50 Wash, 10 lks. wide, course N.

79.92 The corner of secs. 29, 30, 31 and 32.

Land, rolling hills.

Soil, sandy, mixed with gravel and rocks; 3rd rate.

No timber.

Undergrowth, greasewood and palo verde.

N. 0°02' W., bet. secs. 28 and 29.

Over rolling land, through dense brush.

18.75 Wash, 25 lks. wide, course NW.

28.58 Road bears NE. and SW.

35.95 Wash, 100 lks. wide, course 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 29  
in W. and S 28 in E. half; and raise a mound of stone  
2 ft. base, 1½ ft. high, W. of corner. Pits impractica-  
ble.

75.25 Wash, 10 lks. wide, course NW.

80.00 Set an iron post 3 ft. long, 2 ins. diam., 24 ins. in the  
ground for corner of secs. 20, 21, 28 and 29, marked on  
brass cap,

T 11 N R 12 W in N. half;

S 20 in NW.,

S 21 in NE.,

S 28 in SE., and

S 29 in SW. quadrant; and raise a mound of stone 2

ft. base, 1½ ft. high, W. of corner. Pits impracticable.

Land, rolling.

Subdivision of Township 11 North, Range 12 West.

Chains.

Soil, sandy, mixed with gravel and rocks; 3rd rate.  
 No timber.  
 Undergrowth, greasewood and palo verde.

March 26: At 7h.00m.a.m., l.m.t., I set off  $34^{\circ}16\frac{1}{2}'N$ . on the lat.arc;  $1^{\circ}57'N$ . on the decl.arc; and determine a meridian with the solar at the corner of secs.19,20, 29 and 30.

Thence I run, East, on a random line, bet. secs.20 and 29.

- 40.00 Set temp.  $\frac{1}{4}$  sec.cor.
- 79.96 Intersect N.and S. line 16 lks.N.of the corner of secs. 20,21,28 and 29.

Thence I run, N. $89^{\circ}53'$  W. on a true line, bet. secs.20 and 29. Over rolling hilly land cut by deep washes, through dense brush.

- 18.25 Wash, 12 lks.wide, course S.
- 22.75 Wash, 8 lks.wide, course S.
- 32.40 Wash 10 lks.wide, course S.
- 39.98 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 20 in N. and S 29 in S.half; and raise a mound of stone 2 ft. base,  $1\frac{1}{2}$  ft. high, N.of corner. Pits impracticable.

- 42.03 Road bears N.and S.
- 47,00 Wash, 25 lks.wide, course S.
- 57.50 Wash, 25 lks.wide, course S.
- 59.00 Wash, 12 lks.wide, course S.
- 79,96 The cor.of secs .19,20,29 and 30.

Land, rolling hills.  
 Soil, sandy, mixed with gravel and rocks; 3rd rate.  
 No timber.  
 Undergrowth, greasewood and palo verde.

March 26:  
 N. $0^{\circ}02'W$ ., bet. secs.20 and 21.  
 Ascending over rolling land.

- 26.80 Dim road, bears E.and W.
- 26.90 Descend into breaks into River bottom.
- 38.40 Wash, 12 lks.wide, course NW.; ascend.
- 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 20 in W. and S 21 in E.half; dig pits 18x18x12 ins.N.and S. of post 3 ft. dist., and raise a mound of earth  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high, W.of corner.

- 41.00 Ridge bears E.and W.; descend.
- 44.25 Wash, 100 lks.wide, course NW.; ascend.
- 57.50 Ridge bears E.and W., descend.
- 80.00 Set an iron post 3 ft. long, 2 ins. diam., 24 ins. in the ground for cor.of secs. 16,17,20 and 21, marked on brass cap

- T 11 N R 12 W in N.half;
- S 17 in NW.,
- S 16 in NE.,
- S 21 in SE. and
- S 20 in SW. quadrant; and raise a mound of stone 2 ft. base,  $1\frac{1}{2}$  ft. high, W.of cor. Pits impracticable.

Land, mountainous and level.  
 Soil, rocks, worthless.  
 No timber.

Undergrowth, greasewood and palo verde.

March 26: At this corner I set off  $2^{\circ}00\frac{1}{2}'N$ . on the decl.arc; and observe the sun on the meridian at noon; the resulting lat.is  $34^{\circ}17\frac{1}{2}'N$ .

8. Subdivisions of Township 11 North, Range 12 West.

Chains.

From the corner of secs.17,18,19 and 20, I run,  
 S.89°53'E. on a random line, bet. secs.17 and 20.  
 40.00 Set temp.  $\frac{1}{4}$  sec.cor.  
 79.94 Intersect N. and S. line, 12 lks.N.of the corner of secs.  
 16,17,20 and 21.  
 Thence I run,  
 N.89°48'W., bet. secs.17 and 20.  
 Descending NW. slope of broken hills cut by deep washes  
 through dense brush.  
 21.50 Wash,100 lks.wide, course NW.  
 30.40 Wash,8 lks.wide, course NW.  
 34.75 Wash,10 lks.wide, course NW.  
 39.60 Wash, 15 lks.wide, course NW.  
 39.97 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  
 17 in N. and S 20 in S.half; and raise a mound of  
 stone 2 ft. base, 1 $\frac{1}{2}$  ft. high,N.of corner. Pits im-  
 practicable.  
 51.20 Wash,10 lks.wide, course NW.  
 55.50 Wash,100 lks.wide, course NW.  
 64.00 Wash,30 lks.wide, course NW.  
 76.75 Wash,40 lks.wide, course NW., and over level land.  
 79.94 The corner of secs.17,18,19 and 20.  
 Land, mountainous.  
 Soil, rocks and gravel , worthless.  
 No timber.  
 Undergrowth, greasewood, mesquite and palo verde.

*John F. Hesse*  
 U.S.Transitman.

N.0°02' W. bet. secs. 16 and 17.  
 Descending steep rocky slope, through dense brush.  
 7.50 Wash, 40 lks. wide, course W.  
 17.00 Wash 20 lks.wide, course W., and ascend steep S.slope.  
 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  
 17 in W., and S 16 in E.half; and raise a mound of  
 stone 2 ft. base, 1 $\frac{1}{2}$  ft. high,W.of cor. Pits imprac-  
 ticable.  
 45.00 Ridge, bears E.and W., descend.  
 55.68 Wash, 25 lks.wide, course W.; ascend.  
 80.00 Set an iron post 3 ft. long, 2 ins. diam., 24 ins. in  
 the ground for cor.of secs.8,9,16 and 17, marked on  
 brass cap,  
 T 11 N R 12 E in N.half;  
 S 8 in NW., and  
 S 9 in NE.,  
 S 16 in SE., and  
 S 17 in SW. quadrant; and raise a mound of stone 2  
 base, 1 $\frac{1}{2}$  ft. high,W.of cor. Pits impracticable.  
 Land, mountainous.  
 Soil, rocks, worthless.  
 Undergrowth, greasewood and palo verde.

March 26, 1911.

March 27: At 7h.00m.a.m.,l.m.t., I set off 34°18'N.,  
 on the lat.arc; 2°21'N.on the decl. arc; and deter-  
 mine a meridian with the solar at the true point for  
 cor,of secs.7,8,17 and 18.  
 Thence I run,  
 S.89° 48'E., on a random line, bet. secs.8 and 17.  
 40.00 Set temp. $\frac{1}{4}$  sec.cor.

Subdivision of Township 11 North, Range 12 West.

Chains.

- 80.02 Intersect N. and S. line, 16 lks. S. of the corner of secs. 8, 9, 16 and 17.  
Thence I run,  
N. 89° 55' W., on a true line, bet. secs. 8 and 17.  
Along rough rocky NW. slope, through dense brush.
- 39.50 Wash, 150 lks. wide, course NW.
- 40.01 Point for 1/4 sec. cor. falls in wash, so at
- 45.01 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground for 1/4 sec. cor., marked on brass cap W C 1/4 in E. half; S 8 in NW., and S 17 in SW. quadrant; and raise a mound of stone 2 ft. base, 1 1/2 ft. high, N. of cor. Pits impracticable.
- 53.50 Irrigating ditch 10 lks. wide, course S. and over level land.
- 54.00 Left bank Bill Williams Fork.
- 54.25 Enter water in river bed, 6 ins. deep, course S.
- 56.25 Leave water.
- 60.73 Dim road bears NE. and SW.
- 80.02 The true point for cor. of secs. 7, 8, 17 and 18.  
Land, mountainous and level.  
Soil, loose rocks and sand; 4th rate.  
Timber, cottonwood along the river.  
Undergrowth, greasewood, mesquite, palo verde, watermote and arrowweed.

*John P. Hesse*  
U. S. Transitman.

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March 27:

- N. 0° 02' W., bet. secs. 8 and 9.  
Over rough rolling hills, through dense brush.
- 2.00 Ridge bears E. and W.
- 9.00 Cross wash, 100 lks. wide, course NW.
- 10.60 Ridge bears E. and W.
- 15.00 Cross wash, 20 lks. wide, course NW.
- 16.50 Ridge bears E. and W.
- 18.00 Cross wash, 20 lks. wide, course NW.
- 19.00 Ridge bears E. and W.
- 21.25 Left bank of Santa Maria River, running water, 200 lks. wide, course SW.
- 29.00 Right bank of river, and ascend.
- 32.50 Set an iron post 3 ft. long, 1 in. diam., 26 ins. in the ground for witness 1/4 sec. cor., marked on brass cap W C 1/4 in N. half; S 9 in SE., and S 8 in SW. quadrant; and raise a mound of stone 2 ft. base, 1 1/2 ft. high, W. of cor. Pits impracticable.
- 37.00 Edge of high bluff, left bank of Big Sandy River.
- 37.50 Center of running water, 100 lks. wide, 12 ins. deep, course SW., and over bed of river.
- 56.10 Right bank of Big Sandy River.
- 57.50 Abandoned house bears W., 150 lks.
- 58.40 Cross fence bears NE. and SW.
- 69.50 Cross fence bears NE. and SW.
- 71.75 Cross wash, 35 lks. wide, course E.
- 80.00 Set an iron post 3 ft. long, 2 ins. diam., 24 ins. in the ground for cor. of secs. 4, 5, 8 and 9, marked on brass cap,  
T 11 N R 12 W in N. half;  
S 5 in NW.,  
S 4 in NE.,  
S 9 in SE., and  
S 8 in SW. quadrant; and raise a mound of stone 2 ft. base, 1 1/2 ft. high, W. of cor. Pits impracticable.  
Land, mountainous and level.  
Soil, sand and rocks; 4th rate.  
Timber, a few scattering cottonwoods.  
Undergrowth, greasewood, palo verde and mesquite.

March 27, 1911.

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10. Subdivision of Township 11 North, Range 12 West.

Chains.

March 28:  
 S.89°55'E., on a random line, bet. secs.5 and 8.  
 40.00 Set temp.  $\frac{1}{4}$  sec.cor.  
 80.08 Intersect N.and S. line, 46 lks.S.of the corner of secs.  
 4,5,8 and 9.  
 Thence I run,  
 S.89°45'W. on a true line, bet. secs.5 and 8.  
 Ascending rough SE. slope of mountain, through dense  
 brush.  
 33.25 Cross wash, 15 lks.wide, course SE.  
 40.04 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 5 in N.,  
 and S 8 in S.half; and raise a mound of stone 2 ft.  
 base,  $1\frac{1}{2}$  ft. high,N.of cor. Pits impracticable.  
 80.08 The cor.of secs.5,6,7 and 8.  
 Land, mountainous.  
 Soil, rocks, 4th rate.  
 No timber.  
 Undergrowth, greasewood,palo verde and mesquite.  
 March 28: At this cor. I set off 2° 47 $\frac{1}{2}$ 'N. on the decl.  
 arc; and observe the sun on the meridian at noon;the  
 resulting lat.is 34°19'N.

*Alfred N. Platt*  
 U. S. Transitman.

March 27:  
 From the corner of secs.8,9,16 and 17, I run,  
 East, bet. secs.9 and 16.  
 Ascend steep rocky W.slope, through dense brush.  
 15.35 Ridge, bears N.and S.; descend.  
 30.00 Over level land.  
 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  
 9 in N., and S 16 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 cor.  
 50.00 Left bank of Santa Maria River.  
 60.75 Road bears NW. and SE.  
 70.00 Along in water in bed of river.  
 80.00 Point for cor. of secs.9,10,15 and 16 falls in center  
 of Santa Maria River,200 lks.wide, 6 ins .deep,course  
 W.  
 Land,mountainous and level.  
 Soil, W.30.00 chs., rocks, worthless; middle 20.00 chs.  
 rich sandy loam; fine texture, dry; 1st rate;E.30.00  
 chs .sand in river bed, worthless.  
 Timber, cottonwoods along river.  
 Undergrowth, greasewood,palo verde,catclaw,mesquite,water  
 mote and arrowweed.  
 March 27: At this cor.I set off 2°24'N.on the decl.arc;  
 and observe the sun on the meridian at noon; the re-  
 sulting lat.is 34°18'N.

From true point for cor.of secs.9,10,15 and 16, I run,  
 East, bet. secs.10 and 15.  
 In bed of Santa Maria River.  
 6.00 Leave water, bears SE., and in dry bed of river.  
 20.00 Right bank of river.  
 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  
 10 in N. and S 15 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 cor.

## Chains.

- 54.63 Road, bears NW. and SE.  
 80.00 Point for corner of secs. 10, 11, 14 and 15, falls on land, which is overflowed at high water.  
 Land, level.  
 Soil, sand and river boulders; 4th rate.  
 Timber, cottonwood.  
 Undergrowth, mesquite, arrowweed and watermote.

N.0°01'W., bet. secs. 10 and 11, from true cor. point.  
 Ascend from river bottom, over rocky S. slope, through dense brush.

- 0.45 Road, bears E. and W.  
 1.00 Irrigating ditch 5 lks. wide, course W.  
 2.00 Set an iron post 3 ft. long, 2 ins. diam., 24 ins. in the ground for witness cor. to cor. of secs. 10, 11, 14 and 15, marked on brass cap,  
 W C N of center;  
 T 11 N R 12 W in N. half;  
 S 10 in NW.,  
 S 11 in NE.,  
 S 14 in SE., and  
 S 15 in SW. quadrant; and raise a mound of stone 2 ft. base, 1½ ft. high, W. of cor. Pits impracticable.  
 14.00 Wash, 20 lks. wide, course SW.  
 38.00 Wash, 10 lks. wide, course 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 10 in W. and S 11 in E. half; dig pits 18x18x12 ins. N. and S. of post 3 ft. dist., and raise a mound of earth 3½ ft. base, 1½ ft. high, W. of cor.  
 52.40 Wash, 12 lks. wide, course SW.  
 64.65 Wash, 20 lks. wide, course SW.  
 80.00 Set an iron post 3 ft. long, 2 ins. diam., 24 ins. in the ground for cor. of secs. 2, 3, 10 and 11, marked on brass cap,  
 T 11 N R 12 W in N. half;  
 S 3 in NW.,  
 S 2 in NE.,  
 S 11 in SE., and  
 S 10 in SW. quadrant; and raise a mound of stone 2 ft. base, 1½ ft. high, W. of cor. Pits impracticable.  
 Land, mountainous.  
 Soil, gravel and rocks; 4th rate.  
 No timber,  
 Undergrowth, greasewood and palo verde.

March 27, 1911.

March 28: At 7h.00m. a.m., 1.m.t., I set off 34°18'N. on the lat. arc; 2°44½'N. on the decl. arc; and determine a meridian with the solar at the true point for cor. of secs. 9, 10, 15 and 16.

Thence I run,

- N.0°02'W., bet. secs. 9 and 10.  
 Over river bed, through dense brush.  
 4.00 Right bank of river.  
 10.00 Set an iron post 3 ft. long, 2 ins. diam., 24 ins. in the ground for witness cor. to cor. of secs. 9, 10, 15 and 16, marked on brass cap,  
 W C N of center  
 T 11 N R 12 W in N. half;  
 S 9 in NW.,  
 S 10 in NE.,  
 S 15 in SE., and  
 S 16 in SW. quadrant; from which,  
 A mesquite 5 ins. diam., bears S.47°10'E., marked  
 W C T 11 N R 12 W S 10 B T.  
 No other trees available. Dig pits 18x18x12 ins.

12. Subdivision of Township 11 North, Range 12 West.  
Chains.

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

17.20 Road bears E. and W.  
24.95 Irrigating ditch, 4 lks. wide, course W.  
33.00 Leave bottom land, and ascend rough S. slope.  
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 9 in W., and S 10 in E. half; and raise a mound of stone 2 ft. base,  $1\frac{1}{2}$  ft. high, W. of cor. Pits impracticable.

51.75 Wash, 10 lks. wide, course SW.  
68.60 Wash, 12 lks. wide, course SW.  
77.00 Wash, 10 lks. wide, course SW.  
80.00 Set an iron post 3 ft. long, 2 ins. in diam., 24 ins. in the ground for cor. of secs. 3, 4, 9 and 10, marked on brass cap,  
T 11 N R 12 W in N. half;  
S 4 in NW.,  
S 3 in NE.,  
S 10 in SE., and  
S 9 in SW. quadrant; and raise a mound of stone 2 ft. base,  $1\frac{1}{2}$  ft. high, W. of cor. Pits impracticable.  
Land, level and mountainous.  
Soil, S. 4.00 chs. loose sand, worthless; middle 29.00 chs. sandy loam, coarse texture, dry, 2nd rate. N. 47.00 chs. gravel and rocks; 4th rate.  
Timber, cottonwoods along river.  
Undergrowth, greasewood and mesquite, catclaw, palo verde, watermote and arrowweed.

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East, on a random line, bet. secs. 3 and 10.  
40.00 Set temp.  $\frac{1}{4}$  sec. cor.  
80.10 Intersect N. and S. line, 7 lks. N. of the corner of secs. 2, 3, 10 and 11.  
Thence I run,  
N.  $89^{\circ}57'$  W. on a true line, bet. secs. 3 and 10.  
Descending along rocky SW. slope, through dense brush.

6.75 Wash, 20 lks. wide, course SW.  
16.60 Wash, 25 lks. wide, course SW.  
18.75 Wash, 25 lks. wide, course SW.  
25.00 Wash, 30 lks. wide, course SW.  
26.75 Wash, 100 lks. wide, course S.  
40.05 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 3 in N. and S 10 in S. half; and raise a mound of stone 2 ft. base,  $1\frac{1}{2}$  ft. high, N. of cor. Pits impracticable.

54.50 Wash, 25 lks. wide, course SW.  
58.10 Wash, 30 lks. wide, course SW.  
66.00 Wash, 15 lks. wide, course SW.  
78.60 Wash, 20 lks. wide, course SW,  
80.10 The cor. of secs. 3, 4, 9 and 10.  
Land, mountainous.  
Soil, gravel and rocks, 4th rate.  
No timber.  
Undergrowth, greasewood and palo verde.  
March 28: At this cor. I set off  $2^{\circ}47\frac{1}{2}'$  N. on the decl. arc; and observe the sun on the meridian at noon; the resulting lat. is  $34^{\circ}19'$  N.

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From the corner of secs. 4, 5, 8 and 9, I run,  
East, on a random line, bet. secs. 4 and 9.  
40.00 Set temp.  $\frac{1}{4}$  sec. cor.  
80.06 Intersect N. and S. line 3 lks. S. of the corner of secs. 3, 4, 9 and 10.

Chains.

Thence I run,  
 S.89°59'W., on a true line, bet. secs.4 and 9.  
 Descend rocky SW. slope, through dense brush.  
 7.50 Wash, 10 lks.wide, course SW.  
 40.03 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 4 in  
 N. and S 9 in S.half; and raise a mound of stone 2 ft.  
 base,  $1\frac{1}{2}$  ft. high, N.of cor. Pits impracticable.  
 41.36 Road bears SE. and NW.  
 42.86 Dim road bears NW.and SE.  
 62.00 Left bank of Big Sandy River.  
 71.40 Enter water in river bed 6 ins.deep, course S.  
 74.56 Leave water.  
 77.00 Right bank of river.  
 78.20 Irrigating ditch 4 lks.wide, course S.  
 80.06 The cor.of secs.4,5,8 and 9.  
 Land, level and mountainous.  
 Soil, E.62.00 chs. loose volcanic rock, 4th rate. W.18.06  
 chs. sand; 4th rate.  
 Timber, cottonwood along river.  
 Undergrowth, greasewood, palo verde, mesquite, willow, water-  
 mote and arrowweed.

March 28, 1911.

*John F. Hesse*  
 U.S. Transitman.

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General Description.

This township is rolling, mountainous and hilly. The soil  
 of the bottom land along the Santa Maria and Bill Will-  
 iams Fork is generally a rich sandy loam and very fer-  
 tile. The soil of the rest of the township is gener-  
 ally 3rd rate.  
 Cottonwood and sycamore timber grows along the Bill  
 Williams Fork and its tributaries. The northwestern  
 part of the township is watered by the Santa Maria, Big  
 Sandy and Bill Williams Fork.  
 There is one settler in sec.19.

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FINAL OATHS OF DEPUTY SURVEYOR AND HIS ASSISTANTS.

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LIST OF NAMES.

BOOK 2267

A list of the names of the individuals employed by John P. Hesse

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 subdivision  
lines of Tp. 11 N. Rg. 12 W.

showing the respective capacities in which they acted:

A. E. Lyon Chainman.

J. H. Bates Chainman.

R. L. Bates Moundman.

Moundman.

Ed. Brockway Axman.

J. P. Ellis Axman.

L. C. Hanagan Flagman.

FINAL OATH OF ASSISTANTS.

We hereby certify that we assisted John P. Hesse

Transitman

, United States ~~Deputy~~ Surveyor, in surveying all

those parts or portions of the subdivision lines of frac. Tp. 11 N. Rg.  
12 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

A. E. Lyon Chainman.

J. H. Bates Chainman.

R. L. Bates Moundman.

Moundman.

Ed. Brockway Axman.

J. P. Ellis Axman.

L. C. Hanagan Flagman.

Subscribed and sworn to before me this 28<sup>th</sup>

day of March, 1911

John P. Hesse

U. S. Transitman



1535  
BOOK 2267

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

I, John J. Hesse, <sup>Transitman</sup> United States Deputy Surveyor, do solemnly swear that, in pursuance of a ~~contract~~ <sup>instructions</sup> received from Frank D. Magall United States Surveyor General for Arizona, bearing date of the 25 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 subdivision lines of Tril. T. N. R. 12W.

\_\_\_\_\_ of the ES&R 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.

John J. Hesse  
United States Deputy Surveyor.

Subscribed by said John J. Hesse and sworn to before me }  
this 6th day of June, 1911



Frank D. Magall  
U.S. Sur. Gen. for Arizona.

APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

\_\_\_\_\_, 19

The foregoing field notes of the survey of \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

executed by \_\_\_\_\_  
under his contract No. \_\_\_\_\_, dated \_\_\_\_\_, 19 \_\_\_\_\_, 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.

LIST OF NAMES.

A list of the names of the individuals employed by

*Alfred N. Oliver*

<sup>Transitman</sup>  
~~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 subdivision*  
*lines of T. 11 N. R. 12 W.*

showing the respective capacities in which they acted:

*R. A. Coombs*, Chainman.

*W. D. Garner*, Chainman.

*Clay Dodson*, Moundman.

*C. P. Brown*, Axman.

*Tom Shimpfessel*, Flagman.

FINAL OATH OF ASSISTANTS.

We hereby certify that we assisted

*Alfred N. Oliver*

<sup>Transitman</sup>  
~~United States Deputy Surveyor~~, in surveying all

those parts or portions of the *subdivision lines of frac. Tp. 11 N. R. 12 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*, Chainman.

*W. D. Garner*, Chainman.

*Clay Dodson*, Moundman.

*C. P. Brown*, Axman.

*Tom Shimpfessel*, Flagman.

Subscribed and sworn to before me this *28<sup>th</sup>*

day of *March*, 19 *11*

*Alfred N. Oliver*  
U. S. Transitman



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

BOOK 2267

I, Alfred N. Oliver, <sup>Transitman</sup> ~~Deputy Surveyor~~, do solemnly swear that, in pursuance of a <sup>instructions</sup> ~~contract~~ received from Frank S. Ingalls United States Surveyor General for Arizona, bearing date of the 25<sup>th</sup> 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 subdivision lines of tract T. 11 N. R. 12 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 7<sup>th</sup> day of January, 1912



Frank S. Ingalls  
United States Surveyor General

APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

Francis Craig January 7, 1912

The foregoing field notes of the survey of the fragmentary Subdivision of T. 11 N. R. 12 W. G. S. R. Meridian, Arizona

executed by John S. Morse ~~and Alfred N. Oliver~~, U.S. Transitman under his <sup>contract</sup> ~~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.