

# FIELD NOTES

OF THE SURVEY OF THE

Subdivision of T. 22 S., R. 31 E.

Of the Gila and Salt River Base and Meridian,

Arizona,

In the State of

EXECUTED BY

Jesse B. Wright,

In the capacity of U. S. Surveyor, under instructions dated Oct. 6, 1911,

issued by the United States Surveyor General to govern surveys included in

Group No. 17, which were approved by the Commissioner of the General Land

Office, October 14, 1911, pursuant to authority contained in the Act of

Congress dated Aug. 24, 1912

Survey commenced Nov. 21, 1912, 191

Survey completed Nov. 29, 1912, 191

1A

BOOK 2480

# INDEX DIAGRAM.

Township 22 S., Range 31 E.

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

\_\_\_\_\_ Book "A"  
 \_\_\_\_\_ Book "D"  
 \_\_\_\_\_ Book "G"

## Chains.

- Survey commenced Nov. 21, 1912, and executed with a Young & Son's light mountain transit No. 8145, with Smith's patent solar attachment on side.  
The plates of the instrument are provided with two double verniers, each reading to 1' of arc, which is also the least reading of the verniers of the latitude and declination arcs.  
Knowing from recent and repeated tests made on a true meridian established by Polaris observation that the instrument is in satisfactory adjustment, I proceed as follows : -
- At 8h a.m., l.m.t., at the corner of secs. 1, 2, 35 & 36, on the South bdy. of the Tp., as established by me and heretofore described in Book D  
I set off  $31^{\circ}28'$  N. on the lat. arc, and  $19^{\circ}53\frac{1}{2}'$  S. on the decl. arc, and determine a meridian with the solar. Thence I run, as per instructions,  
N.  $0^{\circ}1'$  W., bet. secs. 35 & 36.  
Var.  $13^{\circ}$  E.  
Over rolling land, asc.
- 30.00 Top of ridge, brs. E. & W., desc.  
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 W., and  
S 36 in E. half;  
raise a mound of stone 2 ft. base,  $1\frac{1}{2}$  ft. high W. of cor.  
No bearings available, pits impracticable.
- 43.00 Wash, 10 lks. wide, course W., asc. grad.  
55.00 Top of knoll 100 ft. high, brs. E. & W., desc. ,  
70.00 Wash, 10 lks. wide, course WSW.  
80.00 Set an iron post 3 ft. long, 2 ins. in diam. 24 ins. in the ground for cor. of secs. 25, 26, 35 & 36, marked on brass cap, T 22 S R 31 E, in N. half,  
S 26 in NW.,  
S 25 in NE.,  
S 36 in SE., and  
S 35 in SW. quad.;  
raise a mound of stone 2 ft. base,  $1\frac{1}{2}$  ft. high W. of cor.  
No bearings available, pits impracticable.
- Land, heavily rolling.  
Soil, 3rd rate, gravelly, dry, stony, loose.  
No timber, scattering mesquite, sage brush, cacti, fair grass.
- 
- 40.00 East, on a random line, bet. secs. 25 & 36.  
Set temp.  $\frac{1}{4}$  sec. cor.  
80.08 Intersect East bdy. of Tp.  $2\frac{1}{2}$  lks. S. of cor. of secs. 25, 30, 31 & 36, recently established by me & described in Book D, whence I run, S.  $89^{\circ}59'$  W., on a true line, bet. secs. 25 & 36.  
Over mts. land, desc.
- 6.00 Gulch, 55 lks. wide, course NW., asc.  
20.00 Ridge, brs. N. & S., desc.  
35.00 Foot of main slope, enter valley, brs. NE. & SW.  
desc. grad. over rolling land.
- 40.04 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 25 in N., and  
S 36 in S. half;  
raise a mound of stone 2 ft. base,  $1\frac{1}{2}$  ft. high N. of cor.
- 67.75 Wash, 20 lks. wide, course SW., asc.  
74.00 Top of rise, W. bank of wash, brs. NNE. & SSW.  
80.08 To cor. of secs. 25, 26, 35 & 36, heretofore described  
Land, mts. rolling.  
Soil, 3rd rate, gravelly, dry, stony.  
No timber, sparse mesquite, cacti, fair grass.

Chains.	
	N. 0° 1' W., bet. secs. 25 & 26. Over rolling mesa.
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 26 in W., and S 25 in E. half; raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high W. of cor.
47.55	Desc.
57.10	Wash, 150 lks. wide, course SW., asc. grad.
60.00	Top of rise, brs. NE. & SW.
73.75	Desc.
76.80	Foot, brs. NE. & SW.
80.00	Set an iron post 3 ft. long, 2 ins. in diam. 24 ins. in the ground for cor. of secs. 23, 24, 25 & 26, marked on brass cap, T 22 S R 31 E, in N. half, S 23 in NW., S 24 in NE., S 25 in SE., and S 26 in SW. quad.; raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high W. of cor. Land, rolling. Soil, 3rd rate, dry, stony, loose, gravelly. Sparse mesquite, sage brush, dense cacti, good grass.
	N. 89°59' E., on a random line, bet. secs. 24 & 25.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
80.06	Intersect E. bdy. of Tp. 2 $\frac{1}{2}$ lks. N. of cor. of secs. 19, 24, 25 & 30, recently established by me & described in Book D, whence I run, West, on a true line, bet. secs. 24 & 25. Over rolling land, desc. grad.
20.50	Wash, 50 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 24 in N., and S 25 in S. half; raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high N. of cor.
43.00	Asc. grad.
56.00	Road, brs. ESE. & WNW.,
71.00	Desc. steep.
80.06	To cor. of secs. 23, 24, 25 & 26, hereinbefore described. Land, rolling. Soil, 3rd rate, gravelly, dry. Sage brush, cacti, good grass. At this cor. at noon, I set off 19°57' S. on the decl. arc, and observe the sun on the meridian. The resulting lat. is 31°29 $\frac{1}{2}$ ' N., which is within 1' of the calculated lat.
	N. 0° 1' W., bet. secs. 23 & 24. Over rolling land, desc. grad.
6.80	Wash, 150 lks. wide, course SW.
26.00	Asc.
30.00	Top of rise, brs. NE. & SW., asc. grad. over plain.
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 23 in W., and S 24 in E. half; raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high W. of cor.
72.70	Old drift fence, wire, brs. ENE. & WSW.
80.00	Set an iron post 3 ft. long, 2 ins. in diam. 24 ins. in the ground for cor. of secs. 13, 14, 23 & 24, marked on brass cap, T 22 S R 31 E, in N. half, S 14 in NW., S 13 in NE., S 24 in SE., and S 23 in SW. quad. raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high W. of cor. Land, rolling. Soil, 3rd rate. Good grass.

Chains.	East, on a random line, bet. secs. 13 & 24.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
80.08	Intersect E. bdy. of Tp. 5 lks. S. of cor. of secs. 13, 18, 19 & 24, recently established by me & described in Book D, whence I run, S. $89^{\circ}58'$ W., on a true line, bet. secs. 13 & 24. Over gently rolling, grassy plain.
40.04	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 13 in N., and S 24 in S. half; dig pits 18x18x12 ins. E. & W. of cor. 3 ft. dist., and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high N. of cor. Asc. small knoll.
45.00	Top of small knoll, brs. ENE. & WSW.
47.30	Old wire drift fence, brs. ENE. & WSW., desc. grad.
51.70	Road, brs. NNE. & SSW.
52.50	Wash, 150 lks. wide, course SW., asc.
80.08	To cor. of secs. 13, 14, 23 & 24, hereinbefore described. Land, rolling. Soil, 3rd rate, gravelly, dry, stony. Cacti, sage brush, good grass.
	N. $0^{\circ} 1'$ W., bet. secs. 13 & 14. Over rolling land, desc. grad.
31.00	Wash, 30 lks. wide, course ESE., asc.
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 14 in W., and S 13 in E. half, raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high W. of cor. Asc. steep from cor.
54.00	Top of East side of volcanic hill, brs. E. & W., desc. NE. slope.
80.00	Set an iron post 3 ft. long, 2 ins. in diam. 24 ins. in the ground for cor. of secs. 11, 12, 13 & 14, marked on brass cap. T 22 S R 31 E, in N. half, S 11 in NW., S 12 in NE., S 13 in SE., and S 14 in SW. quad.; raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high W. of cor. Land, rolling, hilly. Soil, 3rd rate, gravelly, stony, dry, loose. Scrub oak, sage brush, fair grass, cacti.
	N. $89^{\circ}58'$ E., on a random line, bet. secs. 12 & 13.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
80.12	Intersect E. bdy. of Tp. 5 lks. S. of cor. of secs. 7, 12, 13 & 18, recently established by me & described in Book D, whence I run, S. $89^{\circ}56'$ W., on a true line, bet. secs. 12 & 13. Over heavily rolling land, desc. grad.
8.00	Wash, 30 lks. wide, course SW., asc. grad.
24.00	Old road, brs. NNE. & SSW.
40.06	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 12 in N., and S 13 in S. half; raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high N. of cor.
70.00	Small spur, brs. NE. & SW., thence on N. side of same.
80.12	To cor. of secs. 11, 12, 13 & 14, hereinbefore described. Land, heavily rolling, hilly. Soil, 3rd rate, gravelly, stony, dry, loose. Cacti, sage brush, fine grass.

Nov. 21, 1912.

Chains.

Nov. 22, 1912.  
Stormy in forenoon. (hereinbefore described)

At 1h 20m p.m., l.m.t., at the cor. of secs. 11, 12, 13 & 14,  
I set off 20° 11' S. on the decl. arc, and 31° 31 1/2' N. on  
the lat. arc, and determine a meridian with the solar.

Thence I run,  
N. 0° 1' W., bet. secs. 11 & 12.

Over heavily rolling land, desc.

12.00 Asc. grad.

40.00 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,  
1/4 S 11 in W., and  
S 12 in E. half;

80.00 raise a mound of stone 2 ft. base, 1 1/2 ft. high W. of cor.  
Set an iron post 3 ft. long, 2 ins. in diam. 24 ins. in  
the ground for cor. of secs. 1, 2, 11 & 12, marked on  
brass cap, T 22 S R 31 E, in N. half,

S 2 in NW.,  
S 1 in NE.,  
S 12 in SE., and  
S 11 in SW. quad.;

raise a mound of stone 2 ft. base, 1 1/2 ft. high W. of cor.  
Land, rolling. Soil, 3rd rate, stony, loose, dry.  
Sage brush, cacti, good grass.

40.00 N. 89° 56' E., on a random line, bet. secs. 1 & 12.  
Set temp. 1/4 sec. cor.

80.16 Intersect E. bdy. of Tp. 2 1/2 lks. N. of cor. of secs. 1, 6, 7 &  
12, recently established by me & described in Book D, whence I run,  
S. 89° 57' W., on a true line, bet. secs. 1 & 12.

Over rolling land, desc. grad.

20.00 Wash, 30 lks. wide, course NW., asc.

21.00 Old road, brs. N. & S.

34.00 Top of flat ridge, brs. NE. & SW., asc. grad. NNE. slope.

40.08 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,  
1/4 S 1 in N., and  
S 12 in S. half;

raise a mound of stone 2 ft. base, 1 1/2 ft. high N. of cor.

70.00 Head of wash, course NW.

80.16 To cor. of secs. 1, 2, 11 & 12, hereinbefore described.

Land, rolling. Soil, 3rd rate, stony, dry.  
Sage brush, few mesquites, cacti, fine grass.

40.00 N. 0° 1' W., on a random line, bet. secs. 1 & 2.  
Set temp. 1/4 sec. cor.

71.89 Intersect N. bdy. of Tp. 2 1/2 lks. E. of cor. of secs. 1, 2, 35 &  
36, which is a lava stone 4 ins. above ground, marked & witnessed as described by the  
S. 0° 2' E., on a true line, bet. secs. 1 & 2. Surveyor General,  
whence I run,

Over rolling, broken land, stony, desc.

31.89 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,  
1/4 S 2 in W., and S 1 in E. half;

raise a mound of stone 2 ft. base, 1 1/2 ft. high W. of cor.

37.90 Wash, 60 lks. wide, course SW., thence over broken land.

48.00 Gulch, 3 chs. wide, course W.

49.90 Gulch, 30 lks. wide, course NW., asc.

71.89 To cor. of secs. 1, 2, 11 & 12, hereinbefore described.

Land, heavily rolling, broken.  
Soil, 3rd rate, stony, gravelly, dry.  
Mesquite, sage brush, cacti, fair grass.

Nov. 22, 1912.

Chains.	
	<p>Nov. 24, 1912. At 8h a.m., l.m.t., at the cor. of secs. 2, 3, 34 &amp; 35, on the S. bdy. of the Tp., recently estab. by me &amp; described in Book D, I set off 20°31'S. on the decl. arc, and 31°28'N. on the lat. arc, and determine a meridian with the solar. Thence I run, N. 0° 1' W., bet. secs. 34 &amp; 35. Over gently undulating plain, covered with loose lava stone.</p>
40.00	<p>Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in the ground for <math>\frac{1}{4}</math> sec. cor., marked on brass cap, <math>\frac{1}{4}</math> S 34 in W., and S 35 in E. half; raise a mound of stone 2 ft. base, 1<math>\frac{1}{2}</math> ft. high W. of cor.</p>
42.00	Wash, 30 lks. wide, course W.
55.00	Wash, 80 lks. wide, course SW.
80.00	<p>Set an iron post 3 ft. long, 2 ins. in diam. 24 ins. in the ground for cor. of secs. 26, 27, 34 &amp; 35, marked on brass cap, T 22 S R 31 E, in N. half, S 27 in NW., S 26 in NE., S 35 in SE., and S 34 in SW. quad.;</p> <p>raise a mound of stone 2 ft. base, 1<math>\frac{1}{2}</math> ft. high W. of cor. Land, rolling. Soil, 3rd rate, stony, loose. Sage brush, cacti, fine grass.</p>
	<p>East, on a random line, bet. secs. 26 &amp; 35.</p>
40.00	Set temp. $\frac{1}{4}$ sec. cor.
80.02	<p>Intersect N. &amp; S. line 5 lks. S. of cor. of secs. 25, 26, 35 &amp; 36, <del>hereinbefore</del> described, whence I run, S. 89°58' W., on a true line, bet. secs. 26 &amp; 35. Over gently rolling plain.</p>
40.01	<p>Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in the ground for <math>\frac{1}{4}</math> sec. cor., marked on brass cap, <math>\frac{1}{4}</math> S 26 in N., and S 35 in S. half; raise a mound of stone 2 ft. base, 1<math>\frac{1}{2}</math> ft. high N. of cor.</p>
80.02	<p>To cor. of secs. 26, 27, 34 &amp; 35, <del>hereinbefore</del> described. Land, gently rolling. Soil, 3rd rate, stony, gravelly, loose, dry. Sage brush, cacti, fine grass.</p>
	<p>N. 0° 1' W., bet. secs. 26 &amp; 27. Over rolling land, desc.</p>
20.00	Wash, 100 lks. wide, course SW., asc.
40.00	<p>Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in the ground for <math>\frac{1}{4}</math> sec. cor., marked on brass cap, <math>\frac{1}{4}</math> S 27 in W., and S 26 in E. half; raise a mound of stone 2 ft. base, 1<math>\frac{1}{2}</math> ft. high W. of cor.</p>
42.40	Top of volcanic hill, brs. E. & W., desc.
50.00	Foot, brs. E. & W., thence over rolling land.
53.30	Draw, 2 chs. wide, near head, course WSW.
80.00	<p>Set an iron post 3 ft. long, 2 ins. in diam. 24 ins. in the ground for cor. of secs. 22, 23, 26 &amp; 27, marked on brass cap, T 22 S R 31 E, in N. half, S 22 in NW., S 23 in NE., S 26 in SE., and S 27 in SW. quad.;</p> <p>raise a mound of stone 2 ft. base, 1<math>\frac{1}{2}</math> ft. high W. of cor. Land, rolling. Soil, 3rd rate, stony, gravelly, dry. Sage brush, cacti, few mesquites, good grass.</p>

Chains.	
40.00	N. 89°58' E., on a random line, bet. secs. 23 & 26. Set temp. $\frac{1}{4}$ sec. cor.
80.04	Intersect N. & S. line 5 lks. N. of cor. of secs. 23, 24, 25 & 26, <del>hereinbefore described</del> , whence I run, West, on a true line, bet. secs. 23 & 26. Over rolling plain.
1.15	Wash, 80 lks. wide, course SW.
6.00	Dam in above wash, 4 chs. to S.
19.80	Asc.
26.00	Knoll, brs. NE. & SW., desc.
38.00	Foot, brs. NE. & SW., desc. grad.
40.02	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 23 in N., and S 26 in S. half; raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high N. of cor.
80.04	To cor. of secs. 22, 23, 26 & 27, <del>hereinbefore described</del> . Land, rolling. Soil, 3rd rate, gravelly, stony, dry. At this cor., at noon, I set off 20°35' S. on the decl. arc, and observe the sun on the meridian. The resulting lat. is 31°29 $\frac{1}{2}$ ' N.
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	N. 0° 1' W., bet. secs. 22 & 23. Over rolling 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 22 in W., and S 23 in E. half; raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high W. of cor.
59.00	Old wire drift fence, brs. WSW. & ENE.
80.00	Set an iron post 3 ft. long, 2 ins. in diam. 24 ins. in the ground for cor. of secs. 14, 15, 22 & 23, marked on brass cap, T 22 S R 31 E, in N. half, S 15 in NW., S 14 in NE., S 23 in SE., and S 22 in SW. quad.; raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high W. of cor. Land, rolling. Soil, 3rd rate, stony, dry, loose. Sage brush, cacti, greasewood, good grass.
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	East, on a random line, bet. secs. 14 & 23.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
80.06	Intersect N. & S. line 5 lks. N. of cor. of secs. 13, 14, 23 & 24, <del>hereinbefore described</del> , whence I run, N. 89°58' W., on a true line, bet. secs. 14 & 23. Over nearly level plain.
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 14 in N., and S 23 in S. half; raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high N. of cor.
80.06	To cor. of secs. 14, 15, 22 & 23, <del>hereinbefore described</del> . Land, rolling gently. Soil, 3rd rate, stony, gravelly, dry, loose. Sage brush, cacti, greasewood, good grass.



Chains.	N. 0° 1' W., bet. secs. 14 & 15. Over rolling land.
12.00	Foot of hill, brs. E. & W., asc.
38.50	Top of hill, brs. E. & W.,
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 15 in W., and S 14 in E. half; raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high W. of cor. Desc. steep from cor.
65.00	Foot of hill, brs. E. & W., desc. grad.
70.00	Wash, 30 lks. wide, course W., asc. grad.
80.00	Set an iron post 3 ft. long, 2 ins. in diam. 24 ins. in the ground for cor. of secs. 10, 11, 14 & 15, marked on brass cap, T 22 S R 31 E, in N. half, S 10 in NW., S 11 in NE., S 14 in SE., and S 15 in SW. quad.; raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high W. of cor. Land, rolling. Soil, 3rd rate, sandy, gravelly, stony, loose, dry. Sage brush, mesquite, good grass.
40.00	S. 89° 58' E., on a random line, bet. secs. 11 & 14. Set temp. $\frac{1}{4}$ sec. cor.
80.08	Intersect N. & S. line 5 lks. S. of cor. of secs. 11, 12, 13 & 14, <del>hereinbefore described</del> , whence I run, West, on a true line, bet. secs. 11 & 14. Over heavily rolling hilly land, asc.
16.00	Spur, brs. NNE. & SSW., desc.
29.00	Wash, 30 lks. wide, course NNE., turns to NW. 10 chs. N.
40.04	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 11 in N., and S 14 in S. half; raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high N. of cor. Asc. from cor.
42.00	Small spur, brs. N. & S., desc.
56.00	Wash, 50 lks. wide, course SW., asc.
66.00	Ridge, brs. NNE. & SSW., desc.
78.00	Foot of slope, brs. NNE. & SSW., desc. grad.
80.08	To cor. of secs. 10, 11, 14 & 15, <del>hereinbefore described</del> . Land, hilly. Soil, 3rd rate, gravelly, stony, dry. Sage brush, cacti, fair grass.

Nov. 24, 1912.

Chains.	Nov. 26, 1912.	<del>hereinbefore</del> described
	At 8h a.m., l.m.t., at the cor. of secs. 10, 11, 14 & 15,	
	I set off $20^{\circ}54\frac{1}{2}'$ S. on the decl. arc, and $31^{\circ}31\frac{1}{2}'$ N. on	
	the lat. arc, and determine a meridian with the solar.	
	Thence I run,	
	N. $0^{\circ}1'$ W., bet. secs. 10 & 11.	
	Over rolling land.	
15.00	Asc. small hill.	
18.00	Top of hill, brs. E. & W., desc.	
20.00	Wash, 15 lks. wide, course SW., foot of hill.	
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 W., and	
	S 11 in E. half;	
	raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high W. of cor.	
80.00	Set an iron post 3 ft. long, 2 ins. in diam. 24 ins. in	
	the ground for cor. of secs. 2, 3, 10 & 11, marked on	
	brass cap, T 22 S R 31 E, in N. half,	
	S 3 in NW.,	
	S 2 in NE.,	
	S 11 in SE., and	
	S 10 in SW. quad.;	
	raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high W. of cor.	
	Land, rolling. Soil, 3rd rate, gravelly, loose, dry.	
	Sage brush, cacti, good grass.	
	East, on a random line, bet. secs. 2 & 11.	
40.00	Set temp. $\frac{1}{4}$ sec. cor.	
80.06	Intersect N. & S. line 7 lks. S. of cor. of	
	secs. 1, 2, 11 & 12, <del>hereinbefore</del> described, whence I run,	
	S. $89^{\circ}57'$ W., on a true line, bet. secs. 2 & 11.	
	Over mts. land, asc.	
25.00	Spur or ridge, brs. S. & N., desc. SW. slope.	
37.50	Wash, 30 lks. wide, course S., near head, asc.	
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 2 in N., and	
	S 11 in S. half;	
	raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high N. of cor.	
43.00	Spur, brs. S. & N., desc.	
80.06	To cor. of secs. 2, 3, 10 & 11, <del>hereinbefore</del> described.	
	Land, mts. hilly. Soil, 3rd rate, gravelly, stony, dry.	
	Sage brush, cacti, good grass.	
	N. $0^{\circ}2'$ W., on a random line, bet. secs. 2 & 3.	
40.00	Set temp. $\frac{1}{4}$ sec. cor.	
73.65	Intersect N. bdy. of Tp. 5 lks. E. of cor. of secs. 2, 3, 34 & 35	
	which is a lava stone 5 ins. above ground, marked & witnessed as described by the Surv-	
	S. $0^{\circ}4'$ E., on a true line, bet. secs. 2 & 3. <sup>by</sup> General, <sub>whence I run,</sub>	
	Over bottom of old crater.	
4.00	Leave bottom of crater, asc. steep N. slope.	
26.00	Top of S. rim of crater, brs. E. & WNW., desc.	
33.65	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 W., and	
	S 2 in E. half;	
	raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high W. of cor.	
	Desc. grad. through dense mesquite.	
70.00	Leave dense mesquite, brs. E. & W.	
73.65	To cor. of secs. 2, 3, 10 & 11, <del>hereinbefore</del> described.	
	Land, mts., rolling. Soil, 3rd rate, stony, gravelly.	
	Mesquite, cacti, sage brush, fair grass.	
	At this cor., at noon, I set off $20^{\circ}58'$ S. on the decl.	
	arc, and observe the sun on the meridian.	
	The resulting lat. is $31^{\circ}32'$ N.	

## Chains.

- Nov. 25, 1912.  
At 8h a.m., l.m.t., at the cor. of secs. 3, 4, 33 & 34,  
on the S. bdy. of the Tp., recently estab. by me & described in Book "D"  
I set off 20°47' S. on the decl. arc, and 31°28' N. on  
the lat. arc, and determine a meridian with the solar.  
Thence I run,  
N. 0° 2' W., bet. secs. 33 & 34.  
Over gently rolling valley.
- 6.00 Sand wash, 4 chs. wide, course SSE.  
15.75 Same wash, course SSW.  
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 33 in W., and  
S 34 in E. half;  
dig pits 18x18x12 ins. N. & S. of cor. 3 ft. dist., and  
raise a mound of earth  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high W. of cor.
- 80.00 Set an iron post 3 ft. long, 2 ins. in diam. 24 ins. in  
the ground for cor. of secs. 27, 28, 33 & 34, marked on  
brass cap, T 22 S R 31 E, in N. half,  
S 28 in NW.,  
S 27 in NE.,  
S 34 in SE., and  
S 33 in SW. quad.;  
raise a mound of stone 2 ft. base,  $1\frac{1}{2}$  ft. high W. of cor.  
Land, rolling. Soil, 3rd rate, gravelly, sandy, loose.  
Sage brush, cacti, good grass.
- 
- 40.00 East, on a random line, bet. secs. 27 & 34.  
Set temp.  $\frac{1}{4}$  sec. cor.  
79.98 Intersect N. & S. line  $2\frac{1}{2}$  lks. S. of cor. of  
secs. 26, 27, 34 & 35, ~~hereinbefore~~ described, whence I run,  
S. 89°59' W., on a true line, bet. secs. 27 & 34.  
Over gently undulating, grassy valley.
- 39.99 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 27 in N., and  
S 34 in S. half;  
raise a mound of stone 2 ft. base,  $1\frac{1}{2}$  ft. high N. of cor.
- 52.20 Wash, 10 lks. wide, course SSW.  
79.98 To cor. of secs. 27, 28, 33 & 34, ~~hereinbefore~~ described.  
Land, undulating. Soil, 3rd rate, sandy, gravelly, dry.  
Sage brush, cacti, greasewood, good grass.
- 
- N. 0° 2' W., bet. secs. 27 & 28.  
Over rolling, grassy flat.
- 35.00 Wash, 20 lks. wide, course SW.  
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 28 in W., and  
S 27 in E. half;  
raise a mound of stone 2 ft. base,  $1\frac{1}{2}$  ft. high W. of cor.
- 59.90 Wash, 20 lks. wide, course ESE.  
67.95 Wash, 30 lks. wide, course SW., asc. grad.  
75.00 Asc. steep.  
80.00 Set an iron post 3 ft. long, 2 ins. in diam. 24 ins. in  
the ground for cor. of secs. 21, 22, 27 & 28, marked on  
brass cap, T 22 S R 31 E, in N. half,  
S 21 in NW.,  
S 22 in NE.,  
S 27 in SE., and  
S 28 in SW. quad.;  
raise a mound of stone 2 ft. base,  $1\frac{1}{2}$  ft. high W. of cor.  
Land, rolling.  
Soil, 3rd rate, gravelly, dry, stony.  
Sage brush, cacti, greasewood, good grass.

Chains.  
 40.00 N. 89°59' E., on a random line, bet. secs. 22 & 27.  
 Set temp.  $\frac{1}{4}$  sec. cor.  
 80.02 Intersect N. & S. line  $2\frac{1}{2}$  lks. S. of cor. of  
 secs. 22, 23, 26 & 27, ~~hereinbefore described~~, whence I run,  
 S. 89°58' W., on a true line, bet. secs. 22 & 27.  
 Over stony, grassy flat, loose lava stones.  
 40.01 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 22 in N., and  
 S 27 in S. half;  
 raise a mound of stone 2 ft. base,  $1\frac{1}{2}$  ft. high N. of cor.  
 Asc. grad. from cor.  
 58.00 Ridge, brs. NE. & SW., desc.  
 69.00 Wash, 80 lks. wide, course SSW., asc. grad.  
 71.00 Low ridge, brs. NNE. & SSW., desc. steep.  
 75.00 Wash, 15 lks. wide, course S., asc. steep.  
 80.02 To cor. of secs. 21, 22, 27 & 28, ~~hereinbefore described~~.  
 Land, rolling, broken, hilly.  
 Soil, 3rd rate, stony, gravelly, loose, dry.  
 Sage brush, cacti, good grass.  
 At this cor., at noon, I set off 20°47' S. on the decl.  
 arc, and observe the sun on the meridian.  
 The resulting lat. is 31°29 $\frac{1}{2}$ ' N.

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N. 0° 2' W., bet. secs. 21 & 22.  
 Over mts. land, along near E. side of top of ridge.  
 8.00 Desc. NE. slope.  
 15.70 Head of wash, course SE., asc. grad.  
 33.00 Ridge, brs. ESE. & WNW., desc.  
 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 21 in W., and  
 S 22 in E. half;  
 raise a mound of stone 2 ft. base,  $1\frac{1}{2}$  ft. high W. of cor.  
 48.00 Foot of slope, brs. NW. & SE., thence over flat.  
 60.00 Asc. grad.  
 73.00 Wire fence, brs. E. & W., desc. grad.  
 80.00 Set an iron post 3 ft. long, 2 ins. in diam. 24 ins. in  
 the ground for cor. of secs. 15, 16, 21 & 22, marked on  
 brass cap, T 22 S R 31 E, in N. half,  
 S 16 in NW.,  
 S 15 in NE.,  
 S 22 in SE., and  
 S 21 in SW. quad.;  
 raise a mound of stone 2 ft. base,  $1\frac{1}{2}$  ft. high W. of cor.  
 Land, mts., rolling.  
 Soil, 3rd rate, stony, gravelly, dry.  
 Sage brush, cacti, greasewood, good grass.

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Chains.

40.00 N. 89°58' E., on a random line, bet. secs. 15 & 22.  
Set temp.  $\frac{1}{4}$  sec. cor.

80.04 Intersect N. & S. line 15 lks. N. of cor. of  
secs. 14, 15, 22 & 23, ~~hereinbefore described~~, whence I run,  
N. 89°56' W., on a true line, bet. secs. 15 & 22.  
Over gently rolling land.

40.02 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 15 in N., and  
S 22 in S. half;  
raise a mound of stone 2 ft. base,  $1\frac{1}{2}$  ft. high N. of cor.

75.00 Wash, 20 lks. wide, course NW., asc. grad.

80.04 To cor. of secs. 15, 16, 21 & 22, ~~hereinbefore described~~.  
Land, rolling. Soil, 3rd rate, gravelly, loose, dry.  
Sage brush, cacti, fine grass.

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N. 0° 2' W., bet. secs. 15 & 16.  
Over rolling land.

2.30 Wash, 30 lks. wide, course NW.

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 16 in W., and  
S 15 in E. half;  
raise a mound of stone 2 ft. base,  $1\frac{1}{2}$  ft. high W. of cor.

62.00 Wash, 20 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. 9, 10, 15 & 16, marked on  
brass cap, T 22 S R 31 E, in N. half,  
S 9 in NW.,  
S 10 in NE.,  
S 15 in SE., and  
S 16 in SW. quad.;  
raise a mound of stone 2 ft. base,  $1\frac{1}{2}$  ft. high W. of cor.  
Land, rolling.  
Soil, 3rd rate, gravelly, loose, dry.  
Sage brush, few cacti, greasewood, fine grass.

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S. 89°56' E., on a random line, bet. secs. 10 & 15.

40.00 Set temp.  $\frac{1}{4}$  sec. cor.

80.06 Intersect N. & S. line 5 lks. S. of cor. of  
secs. 10, 11, 14 & 15, ~~hereinbefore described~~, whence I run,  
N. 89°58' W., on a true line, bet. secs. 10 & 15.  
Over rolling plain, desc. grad.

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 10 in N., and  
S 15 in S. half;  
raise a mound of stone 2 ft. base,  $1\frac{1}{2}$  ft. high N. of cor.

80.06 To cor. of secs. 9, 10, 15 & 16, ~~hereinbefore described~~.  
Land, rolling.  
Soil, 3rd rate, gravelly, dry.  
Sage brush, cacti, fine grass.

Nov. 25, 1912.

Chains.	
	<p>Nov. 26, 1912. <span style="float: right;">(hereinafter described)</span>            At 1h p.m., l.m.t., at the cor. of secs. 9, 10, 15 &amp; 16,            I set off <math>20^{\circ}59'S.</math> on the decl. arc, and <math>31^{\circ}31\frac{1}{2}'N.</math> on            the lat. arc, and determine a meridian with the solar.            Thence I run,            N. <math>0^{\circ} 2' W.</math>, bet. secs. 9 &amp; 10.            Over gently rolling plain.</p>
31.00	Wash, 35 lks. wide, course SW.,
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 W., and S 10 in E. half;
80.00	raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high W. of cor. Set an iron post 3 ft. long, 2 ins. in diam. 24 ins. in the ground for cor. of secs. 3, 4, 9 & 10, marked on brass cap, T 22 S R 31 E, in N. half, S 4 in NW., S 3 in NE., S 10 in SE., and S 9 in SW. quad.;
	raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high W. of cor. Land, rolling. Soil, 3rd rate, gravelly, dry. Sage brush, cacti, good grass.
40.00	S. $89^{\circ}58' E.$ , on a random line, bet. secs. 3 & 10. Set temp. $\frac{1}{4}$ sec. cor.
80.04	Intersect N. & S. line 5 lks. S. of cor. of secs. 2, 3, 10 & 11, <del>hereinafter described</del> , whence I run, West, on a true line, bet. secs. 3 & 10. Over rolling land, through mesquite brush;
40.02	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;
80.04	raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high N. of cor. To cor. of secs. 3, 4, 9 & 10, <del>hereinafter described</del> . Land, rolling. Soil, 3rd rate, gravelly, sandy, loose, dry. Mesquite, cacti, greasewood, good grass.
40.00	N. $0^{\circ} 4' W.$ , on a random line, bet. secs. 3 & 4. Set temp. $\frac{1}{4}$ sec. cor.
75.40	Intersect N. bdy. of Tp. 5 lks. W. of cor. of secs. 3, 4, 33 & 34, which is a lava stone 6 ins. above ground marked & witnessed as described by the Surveyor General, S. $0^{\circ} 2' E.$ , on a true line, bet. secs. 3 & 4. <u>whence I run.</u> Over gently undulating plain.
35.40	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 W., and S 3 in E. half;
75.40	raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high W. of cor. To cor. of secs. 3, 4, 9 & 10, <del>hereinafter described</del> . Land, rolling, undulating. Soil, 3rd rate, sandy, gravelly, loose, dry. Sparse mesquite, cacti, good grass.
	Nov. 26, 1912.

Chains.

Nov. 27, 1912.

At 8h a.m., l.m.t., at the cor. of secs. 4, 5, 32 & 33, on the S. bdy. of the Tp., recently estab. by me & described in Book "D" I set off 21° 05 1/2' S. on the decl. arc, and 31° 28' N. on the lat. arc, and determine a meridian with the solar.

Thence I run,

N. 0° 2' W., bet. secs. 32 & 33.

Over gently rolling land.

2.20

Wash, 30 lks. wide, course SE.

40.00

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, 1/4 S 32 in W., and S 33 in E. half;

raise a mound of stone 2 ft. base, 1 1/2 ft. high W. of cor.

59.20

Road, brs. SE. & NW.

80.00

Set an iron post 3 ft. long, 2 ins. in diam. 24 ins. in the ground for cor. of secs. 28, 29, 32 & 33, marked on brass cap, T 22 S R 31 E, in N. half, S 29 in NW., S 28 in NE., S 33 in SE., and S 32 in SW. quad.;

raise a mound of stone 2 ft. base, 1 1/2 ft. high W. of cor. Land, rolling. Soil, 3rd rate, gravelly, dry. Sage brush, cacti, good grass.

East, on a random line, bet. secs. 28 & 33.

40.00

Set temp. 1/4 sec. cor.

80.02

Intersect N. & S. line 5 lks. N. of cor. of secs. 27, 28, 33 & 34, hereinafore described, whence I run, N. 89° 58' W., on a true line, bet. secs. 28 & 33.

Over rolling, grassy plain.

40.01

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, 1/4 S 28 in N., and S 33 in S. half;

raise a mound of stone 2 ft. base, 1 1/2 ft. high N. of cor.

59.40

Wash, 20 lks. wide, course SSW.

80.02

To cor. of secs. 28, 29, 32 & 33, hereinafore described.

Land, gently rolling. Soil, 3rd rate, gravelly, stony. Sage brush, cacti, fine grass.

N. 0° 2' W., bet. secs. 28 & 29.

Over gently rolling land.

27.00

Head of wash, course SW.

40.00

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, 1/4 S 29 in W., and S 28 in E. half;

raise a mound of stone 2 ft. base, 1 1/2 ft. high W. of cor.

67.00

Wash, 10 lks. wide, course W.

71.00

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. 20, 21, 28 & 29, marked on brass cap, T 22 S R 31 E, in N. half, S 20 in NW., S 21 in NE., S 28 in SE., and S 29 in SW. quad.;

raise a mound of stone 2 ft. base, 1 1/2 ft. high W. of cor. Land, gently rolling. Soil, 3rd rate, gravelly, dry, sandy. Sage brush, cacti, good grass.

Chains.

S. 89°58' E., on a random line, bet. secs. 21 & 28.  
 40.00 Set temp.  $\frac{1}{4}$  sec. cor.  
 80.00 Intersect N. & S. line 5 lks. N. of cor. of  
 secs. 21, 22, 27 & 28, ~~herainbefore~~ described, whence I run,  
 N. 89°56' W., on a true line, bet. secs. 21 & 28.  
 Over mts. land, along top of ridge, brs. E. & W.  
 4.00 Desc. steep.  
 8.50 Head of wash, course SW., asc. grad. SE. slope.  
 22.00 Low S. end of spur, brs. NNE. & SSW., desc. grad.  
 37.50 Wash, 20 lks. wide, course SW., enter flat.  
 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 21 in N., and  
 S 28 in S. half;  
 raise a mound of stone 2 ft. base,  $1\frac{1}{2}$  ft. high N. of cor.  
 46.00 Wash, 20 lks. wide, course SW.  
 53.70 Wash, 20 lks. wide, course S.  
 77.60 Wash, 30 lks. wide, course SSW.  
 80.00 To cor. of secs. 20, 21, 28 & 29, ~~herainbefore~~ described.  
 Land, rolling, hilly.  
 Soil, 3rd rate, stony, gravelly, dry.  
 Sage brush, cacti, greasewood, good grass.  
 At this cor. at noon, I set off 21°09 $\frac{1}{2}$ ' S. on the decl.  
 arc, and observe the sun on the meridian.  
 The resulting lat. is 31°29 $\frac{1}{2}$ ' N.

N. 0° 2' W., bet. secs. 20 & 21.  
 Over gently rolling 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 20 in W., and  
 S 21 in E. half;  
 raise a mound of stone 2 ft. base,  $1\frac{1}{2}$  ft. high W. of cor.  
 79.94 Wire fence, brs. E. & W.  
 80.00 Set an iron post 3 ft. long, 2 ins. in diam. 24 ins. in  
 the ground for cor. of secs. 16, 17, 20 & 21, marked on  
 brass cap, T 22 S R 31 E, in N. half,  
 S 17 in NW.,  
 S 16 in NE.,  
 S 21 in SE., and  
 S 20 in SW. quad.;  
 raise a mound of stone 2 ft. base,  $1\frac{1}{2}$  ft. high W. of cor.  
 Land, rolling.  
 Soil, 3rd rate, gravelly, stony, dry.  
 Sage brush, cacti, fine grass.



Subdivision of T. 22 S., R. 31 E.

Chains

S. 89°56' E., on a random line , bet. secs. 16 & 21.  
 40.00 Set temp.  $\frac{1}{4}$  sec. cor.  
 79.96 Intersect N. & S. line 7 lks. N. of cor. of  
 secs. 15, 16, 21 & 22, ~~hereinbefore described~~, whence I run,  
 N. 89°53' W., on a true line, bet. secs. 16 & 21.  
 Over heavily rolling land, asc. SE. slope.  
 15.00 Top of hill, near S. end, brs. N. & S., desc.  
 30.00 Foot, brs. NW. & SE., desc. grad.  
 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 16 in N., and  
 S 21 in S. half;  
 raise a mound of stone 2 ft. base,  $1\frac{1}{2}$  ft. high N. of cor.  
 79.96 To cor. of secs. 16, 17, 20 & 21, ~~hereinbefore described~~.  
 Land, rolling.  
 Soil, 3rd rate, gravelly, stony.  
 Sage brush, cacti, good grass.

N. 0° 2' W., bet. secs. 16 & 17.  
 Over rolling grassy land.  
 3.70 Road, brs. NE. & SW., to old corral in sec. 16.  
 4.10 Wash, 20 lks. wide, course SW.  
 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 17 in W., and  
 S 16 in E. half;  
 raise a mound of stone 2 ft. base,  $1\frac{1}{2}$  ft. high W. of cor.  
 80.00 Set an iron post 3 ft. long, 2 ins. in diam. 24 ins. in  
 the ground for cor. of secs. 8, 9, 16 & 17, marked on  
 brass cap, T 22 S R 31 E, in N. half,  
 S 8 in NW.,  
 S 9 in NE.,  
 S 16 in SE., and  
 S 17 in SW. quad.;  
 raise a mound of stone 2 ft. base,  $1\frac{1}{2}$  ft. high W. of cor.  
 Land, rolling.  
 Soil, 3rd rate, stony.  
 Sage brush, cacti, few mesquites, good grass.

S. 89°53' E., on a random line, bet. secs. 9 & 16.  
 40.00 Set temp.  $\frac{1}{4}$  sec. cor.  
 79.94 Intersect N. & S. line 7 lks. N. of cor. of  
 secs. 9, 10, 15 & 16, ~~hereinbefore described~~, whence I run,  
 N. 89°50' W., on a true line, bet. secs. 9 & 16.  
 Over rolling land.  
 23.00 Wash, 30 lks. wide, course SSW.  
 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 9 in N., and  
 S 16 in S. half;  
 raise a mound of stone 2 ft. base,  $1\frac{1}{2}$  ft. high N. of cor.  
 79.94 To cor. of secs. 8, 9, 16 & 17, ~~hereinbefore described~~.  
 Land, rolling.  
 Soil, 3rd rate, gravelly, dry.  
 Sparse sage brush, cacti, good grass.

Nov. 27, 1912.

Chains.	
	<p>Nov. 29, 1912. <span style="float: right;"><u>hereinafter described</u></span>                      At 7h 35m a.m., l.m.t., at the cor. of secs. 8, 9, 16 &amp; 17                      I set off <math>21^{\circ}25'</math> S. on the decl. arc, and <math>31^{\circ}31\frac{1}{2}'</math> N. on                      the lat. arc, and determine a meridian with the solar,                      checking the line by a sight to a flag on the line                      to the S., bet. secs. 16 &amp; 17.                      Thence I run,                      N. <math>0^{\circ}2'</math> W., bet. secs. 8 &amp; 9.                      Over gently undulating land.</p>
40.00	<p>Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in                      the ground for <math>\frac{1}{4}</math> sec. cor., marked on brass cap,  <math>\frac{1}{4}</math> S 8 in W., and                      S 9 in E. half;</p>
80.00	<p>raise a mound of stone 2 ft. base, <math>1\frac{1}{2}</math> ft. high W. of cor.                      Set an iron post 3 ft. long, 2 ins. in diam. 24 ins. in                      the ground for cor. of secs. 4, 5, 8 &amp; 9, marked on                      brass cap, T 22 S R 31 E, in N. half,                      S 5 in NW.,                      S 4 in NE.,                      S 9 in SE., and                      S 8 in SW. quad.;</p>
	<p>raise a mound of stone 2 ft. base, <math>1\frac{1}{2}</math> ft. high W. of cor.                      Land, level, gently undulating. Soil, 3rd rate, loamy.                      Sparse sage brush, fine grass.</p>
40.00	<p>S. <math>89^{\circ}50'</math> E., on a random line, bet. secs. 4 &amp; 9.                      Set temp. <math>\frac{1}{4}</math> sec. cor.</p>
79.98	<p>Intersect N. &amp; S. line <math>2\frac{1}{2}</math> lks. N. of cor. of secs.                      3, 4, 9 &amp; 10, <u>hereinafter described</u>, whence I run,                      N. <math>89^{\circ}49'</math> W., on a true line, bet. secs. 4 &amp; 9.                      Over smooth grassy land.</p>
39.99	<p>Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in                      the ground for <math>\frac{1}{4}</math> sec. cor., marked on brass cap,  <math>\frac{1}{4}</math> S 4 in N., and                      S 9 in S. half;</p>
79.98	<p>raise a mound of stone 2 ft. base, <math>1\frac{1}{2}</math> ft. high N. of cor.                      To cor. of secs. 4, 5, 8 &amp; 9, <u>hereinafter described</u>.                      Land, level.                      Soil, 2nd &amp; 3rd rate, loamy, sandy, dry.                      Sage brush, cacti, few mesquites, fine grass.</p>
40.00	<p>N. <math>0^{\circ}2'</math> W., on a random line, bet. secs. 4 &amp; 5.                      Set temp. <math>\frac{1}{4}</math> sec. cor.</p>
77.00	<p>Intersect N. bdy. of Tp. 5 lks. E. of cor. of secs. 4, 5, 32 &amp; 33                      which is a lava stone 3 ins. above ground marked &amp; witnessed as described by the Surv. Gen'l, whence                      S. <math>0^{\circ}4'</math> E., on a true line, bet. secs. 4 &amp; 5. <span style="float: right;">/run</span></p>
37.00	<p>Over gently rolling land, desc. grad.                      In valley.                      Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in                      the ground for <math>\frac{1}{4}</math> sec. cor., marked on brass cap,  <math>\frac{1}{4}</math> S 5 in W., and                      S 4 in E. half;</p>
77.00	<p>raise a mound of stone 2 ft. base, <math>1\frac{1}{2}</math> ft. high W. of cor.                      To cor. of secs. 4, 5, 8 &amp; 9, <u>hereinafter described</u>.                      Land, rolling.                      Soil, 3rd rate, gravelly, loamy.                      Sage brush, cacti, good grass.</p>

Nov. 29, 1912.

Chains.

- Nov. 28, 1912.  
At 8h a.m., l.m.t., at the cor. of secs. 5, 6, 31 & 32,  
on the S. bdy. of the Tp., recently estab. by me & described in Book "D"  
I set off  $21^{\circ}17'S$ . on the decl. arc, and  $31^{\circ}28'N$ . on  
the lat. arc, and determine a meridian with the solar.  
Thence I run,  
N.  $0^{\circ}3'W$ ., bet. secs. 31 & 32.  
Over gently rolling plain.
- 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,  
 $\frac{1}{4} S 31$  in W., and  
 $S 32$  in E. half;  
dig pits  $18 \times 18 \times 12$  ins. N. & S. of cor. 3 ft. dist., and  
raise a mound of earth  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high W. of cor.
- 80.00 Set an iron post 3 ft. long, 2 ins. in diam. 24 ins. in  
the ground for cor. of secs. 29, 30, 31 & 32, marked on  
brass cap, T 22 S R 31 E, in W. half;  
 $S 30$  in NW.,  
 $S 29$  in NE.,  
 $S 32$  in SE., and  
 $S 31$  in SW. quad.;  
raise a mound of stone 2 ft. base,  $1\frac{1}{2}$  ft. high W. of cor.  
Land, rolling. Soil, 3rd rate, gravelly, dry, stony.  
Sage brush, cacti, fine grass.
- 
- East, on a random line, bet. secs. 29 & 32.
- 40.00 Set temp.  $\frac{1}{4}$  sec. cor.
- 79.96 Intersect N. & S. line 5 lks. N. of cor. of  
secs. 28, 29, 32 & 33, ~~hereinbefore described~~, whence I run,  
N.  $89^{\circ}58'W$ ., on a true line, bet. secs. 29 & 32.  
Over rolling grassy stony plain.
- 10.60 Wash, 15 lks. wide, course SSW.
- 15.90 Road, brs. SSE. & NNW.
- 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,  
 $\frac{1}{4} S 29$  in N., and  
 $S 32$  in S. half;  
raise a mound of stone 2 ft. base,  $1\frac{1}{2}$  ft. high N. of cor.
- 79.96 To cor. of secs. 29, 30, 31 & 32, ~~hereinbefore described~~.  
Land, rolling.  
Soil, 3rd rate, gravelly, stony.  
Sage brush, cacti, good grass.
- 
- West, on a random line, bet. secs. 30 & 31.
- 40.00 Set temp.  $\frac{1}{4}$  sec. cor.
- 80.78 Intersect W. bdy. of Tp. 7 lks. N. of cor. of secs. 25, 30, 31 & 36,  
~~recently established by me & described in Book "D"~~, whence I run,  
N.  $89^{\circ}57'E$ ., on a true line, bet. secs. 30 & 31.  
Over gently rolling plain.
- 40.78 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 N., and  
 $S 31$  in S. half;  
raise a mound of stone 2 ft. base,  $1\frac{1}{2}$  ft. high N. of cor.
- 65.00 Desc.
- 71.00 Main gulch of valley, 150 lks. wide, course S., asc.
- 77.00 Top of mesa, brs. N. & S.
- 80.78 To cor. of secs. 29, 30, 31 & 32, ~~hereinbefore described~~.  
Land, rolling.  
Soil, 3rd rate, gravelly, stony.  
Sage brush, cacti, good grass.

Y8

Chains.	N. 0° 3' W., bet. secs. 29 & 30. Over stony grassy plain.
21.15	Gulch, 150 lks. wide, course SSW.
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; raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high W. of cor.
51.50	Same gulch as above, course ESE.
69.40	Same gulch, course SW.
72.10	Same gulch, course ESE.
80.00	Set an iron post 3 ft. long, 2 ins. in diam. 24 ins. in the ground for cor. of secs. 19, 20, 29 & 30, marked on brass cap, T 22 S R 31 E, in N. half; S 19 in NW., S 20 in NE., S 29 in SE., and S 30 in SW. quad.; raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high W. of cor. Land, rolling, broken. Soil, 3rd rate, stony, dry. Sage brush, cacti, mesquite, fair grass.
<hr/>	
40.00	S. 89°58' E., on a random line, bet. secs. 20 & 29. Set temp. $\frac{1}{4}$ sec. cor.
79.94	Intersect N. & S. line 5 lks. N. of cor. of secs. 20, 21, 28 & 29, <del>hereinafter described</del> , whence I run, N. 89°56' W., on a true line, bet. secs. 20 & 29. Over rolling land.
11.60	Wash, 40 lks. wide, course SSE.
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 20 in N., and S 29 in S. half; raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high N. of cor.
75.00	Road, brs. NNW. & SSE.
79.94	To cor. of secs. 19, 20, 29 & 30, <del>hereinafter described</del> . Land, rolling. Soil, 3rd rate, gravelly, dry. Sage brush, cacti, fine grass. <u>At this cor. at noon, I set off 21°20' S. on the decl. arc, and observe the sun on the meridian.</u> The resulting lat. is 31°29 $\frac{1}{2}$ ' N.
<hr/>	
40.00	S. 89°57' W., on a random line, bet. secs. 19 & 30. Set temp. $\frac{1}{4}$ sec. cor.
80.58	Intersect W. bdy. of Tp. 5 lks. N. of cor. of secs. 19, 24, 25 & 30, <del>recently established by me, &amp; described in Book D</del> , whence I run, N. 89°55' E., on a true line, bet. secs. 19 & 30. Over rolling land, desc. grad.
40.58	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 N., and S 30 in S. half; raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high N. of cor.
65.83	Gulch 150 lks. wide, course SE., asc. grad.
80.58	To cor. of secs. 19, 20, 29 & 30, <del>hereinafter described</del> . Land, rolling. Soil, 3rd rate, gravelly, stony. Sage brush, cacti, mesquite, good grass.

Chains.	N. 0° 3' W., bet. secs. 19 & 20. Over rolling grassy plain.
6.10	Road, brs. NW. & 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 19 in W., and S 20 in E. half; raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high W. of cor.
80.00	Set an iron post 3 ft. long, 2 ins. in diam. 24 ins. in the ground for cor. of secs. 17, 18, 19 & 20, marked on brass cap, T 22 S, R 31 E, in N. half, S 18 in NW., S 17 in NE., S 20 in SE., and S 19 in SW. quad.; raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high W. of cor. Land, rolling. Soil, 3rd rate, gravelly, dry, stony. Sage brush, cacti, good grass.
40.00	S. 89°56' E., on a random line, bet. secs. 17 & 20. Set temp. $\frac{1}{4}$ sec. cor.
79.98	Intersect N. & S. line 5 lks. S. of cor. of secs. 16, 17, 20 & 21, <del>heretofore described</del> , whence I run, N. 89°58' W., on a true line, bet. secs. 17 & 20. Over rolling land, desc.
7.85	Road, brs. NE. & SW.
8.10	Wash, 30 lks. wide, course SW., asc. grad.
36.00	Wire fence, brs. ESE. & WNW., top of rise. N. & S.
39.99	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; raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high N. of cor.
79.98	To cor. of secs. 17, 18, 19 & 20, <del>heretofore described</del> . Land, rolling. Soil, 3rd rate, gravelly, stony, dry. Sage brush, cacti, mesquite, good grass.
40.00	S. 89°55' W., on a random line, bet. secs. 18 & 19. Set temp. $\frac{1}{4}$ sec. cor.
80.40	Intersect W. bdy. of Tp. 5 lks. N. of cor. of secs. 13, 18, 19 & 24, recently established by me & described in Book D, whence I run, N. 89°53' E., on a true line, bet. secs. 18 & 19. Over rolling land.
40.40	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 18 in N., and S 19 in S. half; raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high N. of cor.
80.40	To cor. of secs. 17, 18, 19 & 20, <del>heretofore described</del> . Land, rolling. Soil, 3rd rate, gravelly, stony, dry. Sage brush, cacti, good grass.

Chains.	N. 0° 3' W., bet. secs. 17 & 18. Over rolling land.
6.00	Wire fence, brs. WNW. & ESE.
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 18 in W., and S 17 in E. half; dig pits 18x18x12 ins. N. & S. of cor. 3 ft. dist., and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high W. of cor.
80.00	Set an iron post 3 ft. long, 2 ins. in diam. 24 ins. in the ground for cor. of secs. 7, 8, 17 & 18, marked on brass cap, T 22 S R 31 E, in N. half; S 7 in NW., S 8 in NE., S 17 in SE., and S 18 in SW. quad.; raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high W. of cor. Land, rolling. Soil, 3rd rate, gravelly, dry. Sage brush, cacti, good grass. Nov. 28, 1912.
	Nov. 29, 1912. <u>hereinbefore described</u> At 11h a.m., l.m.t., at the cor. of secs. 7, 8, 17 & 18, I set off $21^{\circ}30'$ S. on the decl. arc, and $31^{\circ}31\frac{1}{2}'$ N. on the lat. arc, and determine a meridian with the solar, checking the line by a sight on a flag on line to S., thence I run, S. $89^{\circ}58'$ E., on a random line, bet. secs. 8 & 17.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
80.00	Intersect cor. of secs. 8, 9, 16 & 17, <u>hereinbefore described</u> , whence I run, N. $89^{\circ}58'$ W., on a true line, bet. secs. 8 & 17. Over gently undulating 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 8 in N., and S 17 in S. half; raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high N. of cor.
80.00	To cor. of secs. 7, 8, 17 & 18, <u>hereinbefore described</u> . Land, rolling, level. Soil, 3rd rate, gravelly, stony, dry. Sparse sage brush, cacti, fine grass.
40.00	S. $89^{\circ}53'$ W., on a random line, bet. secs. 7 & 18. Set temp. $\frac{1}{4}$ sec. cor.
80.26	Intersect W. bdy. of Tp. 5 lks. S. of cor. of secs. 7, 12, 13 & 18, recently established by me & described in Book D, whence I run, N. $89^{\circ}55'$ E., on a true line, bet. secs. 7 & 18. Over rolling land, on low mesa.
25.00	NE. rim of mesa, brs. NNW. & SSE., desc. grad.
40.26	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 N., and S 18 in S. half; raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high N. of cor.
43.00	Along N. edge of mesa.
79.00	Asc.
80.26	On small point to N. To cor. of secs. 7, 8, 17 & 18, <u>hereinbefore described</u> . Land, rolling. Soil, 3rd rate, stony, gravelly, dry. Sage brush, cacti, good grass. At this cor., at noon, I set off $21^{\circ}30'$ S. on the decl. arc, and observe the sun on the meridian. The resulting lat. is $31^{\circ}31\frac{1}{2}'$ N.

Chains.	N. 0° 3' W., bet. secs. 7 & 8. Over rolling land, desc.
2.00	Enter smooth level grassy flat, brs. E. & WNW.
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; dig pits 18x18x12 ins. N. & S. of cor. 3 ft. dist., and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high W. of cor.
80.00	Set an iron post 3 ft. long, 2 ins. in diam. 24 ins. in the ground for cor. of secs. 5, 6, 7 & 8, marked on brass cap, T 22 S R 31 E, in N. half; S 6 in NW., S 5 in NE., S 8 in SE., and S 7 in SW. quad.; 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 cor. Land, rolling, level. Soil, 2nd rate, sandy, loamy. No undergrowth, fine grass. From this cor., a small new board house 12x15 ft., brs. N. 36° 50' W., Hallock owner.
40.00	S. 89° 58' E., on a random line, bet. secs. 5 & 8. Set temp. $\frac{1}{4}$ sec. cor.
80.02	Intersect N. & S. line 5 lks. S. of cor. of secs. 4, 5, 8 & 9, <del>hereinbefore described</del> , whence I run, West, on a true line, bet. secs. 5 & 8. Over gently undulating land.
40.01	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 5 in N., and S 8 in S. half; raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high N. of cor.
55.00	Broad grassy draw, drains to SSW., 6 chs. wide.
80.02	To cor. of secs. 5, 6, 7 & 8, <del>hereinbefore described</del> . Land, level, undulating. Soil, 3rd rate, gravelly, loose, dry. Sparse sage brush, few cacti, fine grass.
40.00	S. 89° 55' W., on a random line, bet. secs. 6 & 7. Set temp. $\frac{1}{4}$ sec. cor.
80.20	Intersect W. bdy. of Tp. 5 lks. S. of cor. of secs. 1, 6, 7 & 12, <del>recently established by me &amp; described in Book D</del> , whence I run, N. 89° 57' E., on a true line, bet. secs. 6 & 7. Over rolling land, asc. grad.
35.00	Top of low ridge on mesa, brs. N. & S., desc. grad.
40.20	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 6 in N., and S 7 in S. half; raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high N. of cor. The small frame or board house mentioned heretofore brs. N. 77° E.
45.00	Foot of mesa, enter level open grassy flat, brs. NE. & SSW.
80.20	To cor. of secs. 5, 6, 7 & 8, <del>hereinbefore described</del> . Land, rolling, level. Soil, 2nd & 3rd rate, gravelly, loose, loamy. Sparse sage brush, cacti, fine grass.

## Chains.

N.  $0^{\circ} 4'$  W., on a random line, bet. secs. 5 & 6.  
 40.00 Set temp.  $\frac{1}{4}$  sec. cor.  
 78.90 Intersect N. bdy. of Tp. 9 lks. E. of cor. of secs. 5, 6, 31 & 32  
 which is a lava stone, 6 ins. above ground marked & witnessed as described by the Surv. Gen'l, whence I run,  
 S.  $0^{\circ} 8'$  E., on a true line, bet. secs. 5 & 6.  
 Over mts. land, asc. NE. slope.  
 6.00 Top of rise, rim of small crater, brs. E. & WNW., desc.  
 20.00 Foot of slope, brs. ESE. & NW., desc. grad.  
 38.90 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 6 in W., and  
 S 5 in E. half;  
 raise a mound of stone 2 ft. base,  $1\frac{1}{2}$  ft. high W. of cor.  
 60.00 SE. rim of low mesa, brs. NE. & SW., desc.  
 68.00 Enter level flat, brs. NE. & SW.  
 78.90 To cor. of secs. 5, 6, 7 & 8, hereinafter described.  
 Land, mts., rolling, level.  
 Soil, 3rd rate, stony, gravelly, sandy, loamy, dry.  
 Sage brush, cacti, mesquite, good grass.

## General Description.

T. 22 S., R. 31 E. is mts., or hilly in the NE., and  
 rolling or level in the SE., SW., and NW. portions.  
 The soil is mostly stony or gravelly, covered in places  
 with small showered volcanic tufa, or volcanic stones.  
 Much of the land is fertile, and would produce well  
 if irrigated; some of it also suitable for dry farming.  
 Nearly all the land in the Tp. is covered with a good  
 growth of native grass, which has been cut for hay in  
 many places.

There is no water in the Tp.

The only indications of settlement is a small house situa-  
 ted in the SE.  $\frac{1}{4}$  of sec. 6, Hallock owner.

There are no indications of a mineral  
 character in the Tp.

Nov. 29, 1912.

*Jesse B. Wright*  
 U. S. Surveyor.



BOOK 2480

For **CERTIFICATE OF ASSISTANTS.**

See Book "0." \_\_\_\_\_

We, the undersigned, hereby certify upon honor that we assisted, to the best of our skill and ability, \_\_\_\_\_, U. S. Surveyor, during the periods and in the capacities stated opposite our several signatures, in surveying all those parts or portions of \_\_\_\_\_

of the \_\_\_\_\_ Meridian, in the State of \_\_\_\_\_ which are represented in the foregoing field notes as having been executed 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 executed.

NAME.	PERIOD OF SERVICE.		CAPACITY.
	BEGUN.	ENDED.	

Subscribed and certified to before me on the dates of the final service as shown above.

U. S. Surveyor.

24 23

BOOK 2485 For

FINAL OATH OF UNITED STATES SURVEYOR.

See Book "C."

I, \_\_\_\_\_, U. S. Surveyor, do solemnly swear that, in pursuance of special instructions received from the U. S. Surveyor General for \_\_\_\_\_ bearing date of the \_\_\_\_\_ day of \_\_\_\_\_, 191\_\_\_\_, I have well, faithfully, and truly, in my own proper person, and in strict conformity with said instructions, the Manual of Surveying Instructions, and the laws of the United States, surveyed all those parts or portions of \_\_\_\_\_

\_\_\_\_\_ of the \_\_\_\_\_ Meridian, in the State of \_\_\_\_\_, which are represented in the foregoing field notes as having been executed 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 U. S. Surveyor General for \_\_\_\_\_ and in the specific manner described in the field notes, and that the foregoing are the original field notes of such survey.

U. S. Surveyor.

Subscribed by said \_\_\_\_\_, and sworn to before me }  
 this \_\_\_\_\_ day of \_\_\_\_\_, 191\_\_\_\_



APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

Phoenix, Ariz., Jan. 26, 1914.

The foregoing field notes of the survey of \_\_\_\_\_  
 Subdivision of Township 22 South, Range 31 East,  
 of the Gila and Salt River Base and Meridian, Arizona,

executed by Jesse B. Wright, U. S. Surveyor,  
 under his special instructions dated October 6, \_\_\_\_\_, 191\_\_\_\_, having been critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved.

*Frank S. Ingalls*  
 U. S. 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.~~

U. S. Surveyor General.